



User Manual

Verificare 4
For Windows

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Chapter 1 – Introduction

1.0 Verificare Overview

Verificare is an exceptional product developed to read all types of OMR sheets with 100% accuracy. It is highly compatible with any of the normal ADF and Flatbed scanners and converts the data into desired output. It is a low cost and best solution to read the thousands of OMR sheets within minutes. An advance mechanism of Verificare helps to read the complex OMR sheets and allow us to take data on cloud server which results to easy accessibility without any boundaries.

1.0.1 Verificare Current Version (4.4.2)

New Features in the release as Verificare 4.4.1

Design Section

- Min and Max Darkness Percentage (Confidence Implementation)
- Reading Mode (Auto and Manual)
- Rank Type (for scoring –skipping and non-skipping)
- Include Shades (For printing B&W OMR sheet)
- Is Name Entity (For Generating Reports)
- Is unique Entity (For Generating Reports)
- View Confidence in data grid (Select entity for viewing the confidence)
- Freeze and unfreeze (modified)

Reading Section

- Review Sheet wise/Answer Wise (Filtering the records on the selection basis for reviewing based on confidence factor)
- Issue Categorization (Report issue details for a selected sheet)
- Review Answers (Provided In context menu to review and edit the answers)

Data Section

- Copy and paste facility in Answer key (for Key and Marks)
- Partial Marking features is added in answer key

Test Analytics Section

- SMS Settings (SMS facility is provided for sending the result through SMS).
- Format Setting (For setting the content format of the message)
- Send (Send Message)

-
- Calendar added for selecting Test Date

Security and General Usage

- While using Demo Email will be validated through OTP to keep track of user and their usage.
- In Demo, only 5 test can be created and no export facility of reports
- Buy TA facility from the software as well as the OMR site

New Features in the release as Verificare 4.4.2

- Remove mandatory check on "Is Name Entity" for Report Generate
- Add Partial marking for multiple allowed questions.
- SMS for Indian clients while registering for demo user.

1.1 Verificare 4 Standard

Verificare 4 Standard enables businesses to create, edit the template for printing OMR sheets quickly, easily, and at a cost you can afford. Moreover, we are also the registered trademark owners of the ISO certified OMR software. Our OMR software is based on advanced technology and thus eliminates the need to use any kind of special equipment for scanning, printing or reading.

- Design OMR sheet with the help of tools which are provided under design tab
- Facility to make the changes in designed sheet
- Facility to incorporate OMR sheet which is designed through any other software i.e. coral draw. For incorporating existing design it requires file in image format only.
- Facility to take the printout through the provided 'Print' button in software. You can take the N no. of copies of designed OMR sheet with unique bar code print on each sheet.
- Facility to read the scanned copies without having any limitation in sheets count
- Facility to track the records did not match the validation provided with their entities. It shows analytics reports in chart format
- Facility to edit and save the data grid records once after the completion of reading part
- Export result data in excel, csv, MS-Access and MS-SQL server database.
- Facility to increase the performance of reading part with our high performance feature 'Booster' which is available in professional and Business Edition.
- Facility to generate the various reports, Pictorial reports as well as the Textual reports.
- Facility to send SMS to the desired audience.

1.1.1 Product Edition Features Comparison

Feature	Trial Edition (15 Days)	Demo Edition	Starter Edition (365 Days)	Standard Edition	Professional Edition	Business Edition
Limitation in reading OMR sheet	No Limit	10 sheet per template	No Limit	No Limit	No Limit	No Limit
OMR reading from new template designed through the Verificare 4 software	✓	✓	✓	✓	✓	✓
OMR reading From the template designed through any other software i.e. coral draw etc.	✓	✓	✗	✗	✗	✓
Barcode/QRCode reading	✓	✓	✗	✗	✓	✓
OCR reading	✓	✓	✗	✗	✗	✓
Booster for high performance in reading OMR sheets	✓	✗	✗	✗	✓	✓
TA Feature Restricted*	✓	✓	✓	✓	✓	✓

* TA (Test Analytics Software) is an added tool that comes with Verificare. It is used to analyze the various tests conducted in your institute.

Free version includes 5 tests without report export in pdf format.

1.2 Quick Installation Guide

To get installation, registration, uninstallation and update instructions step by step, please refer to Verificare 4 Standard Quick Installation Guide.

Setup Zip

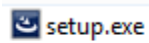
Name

 Verificare 4.0 Setup.rar

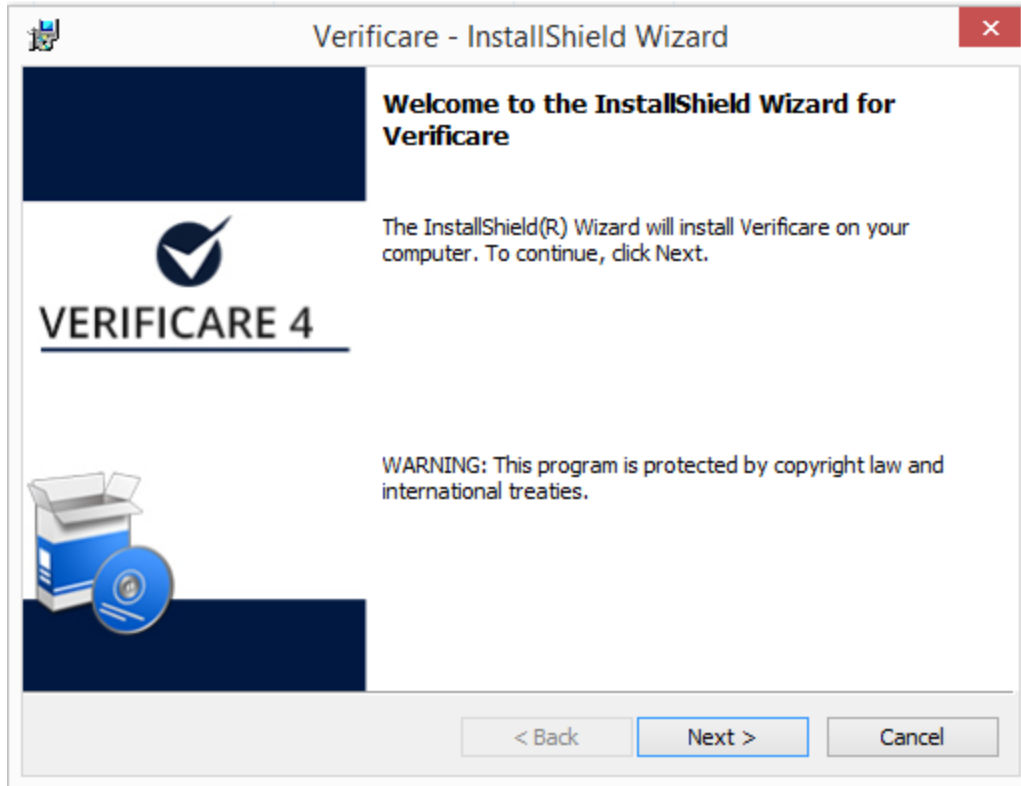
Extract the Zip

Name	Date modified	Type	Size
 setup.exe	11/23/2016 9:17 PM	Application	78,891 KB

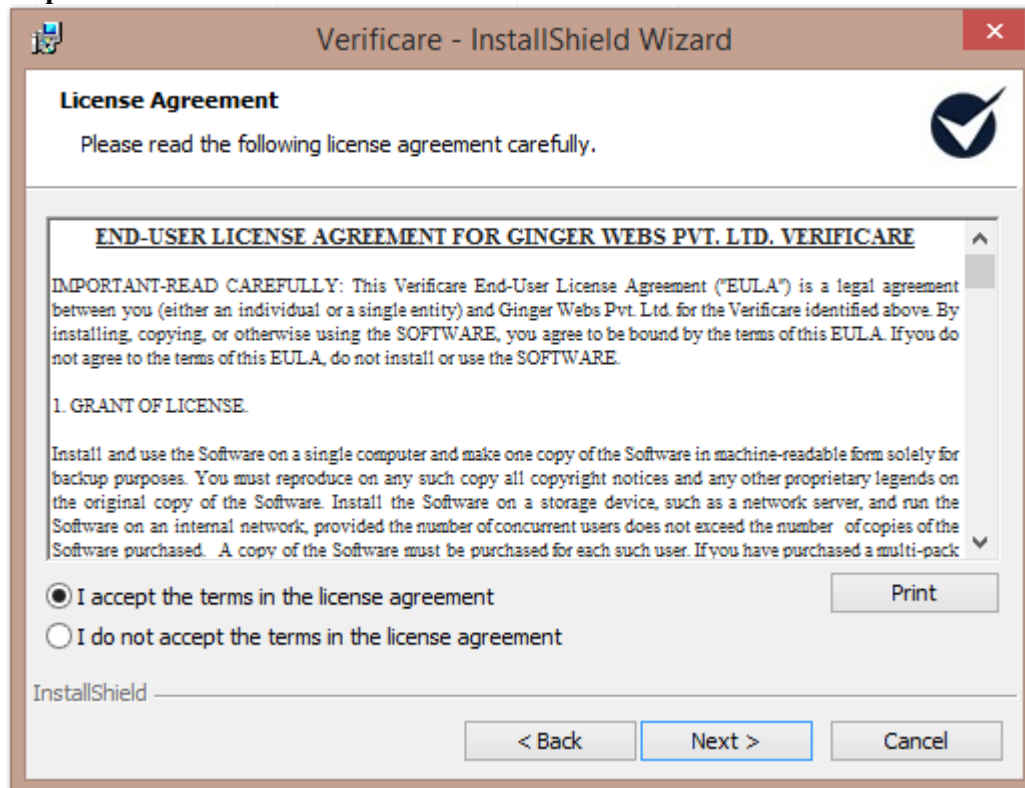
Double Click on 'Setup.exe to run the Installer



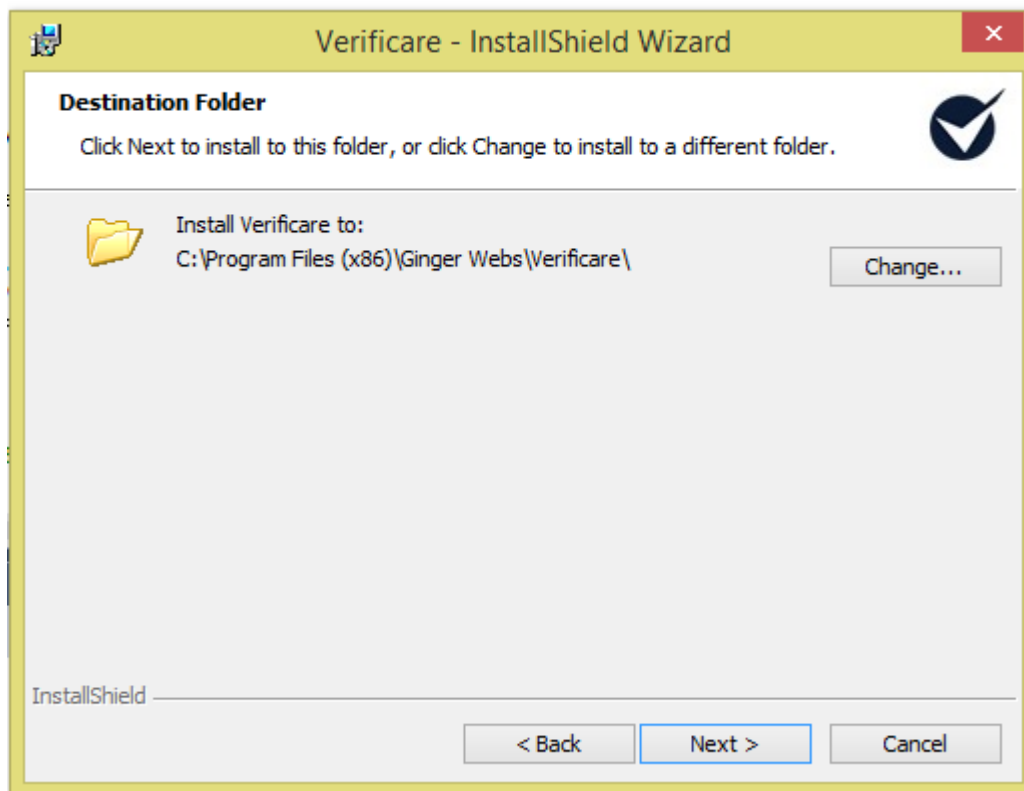
Step 1



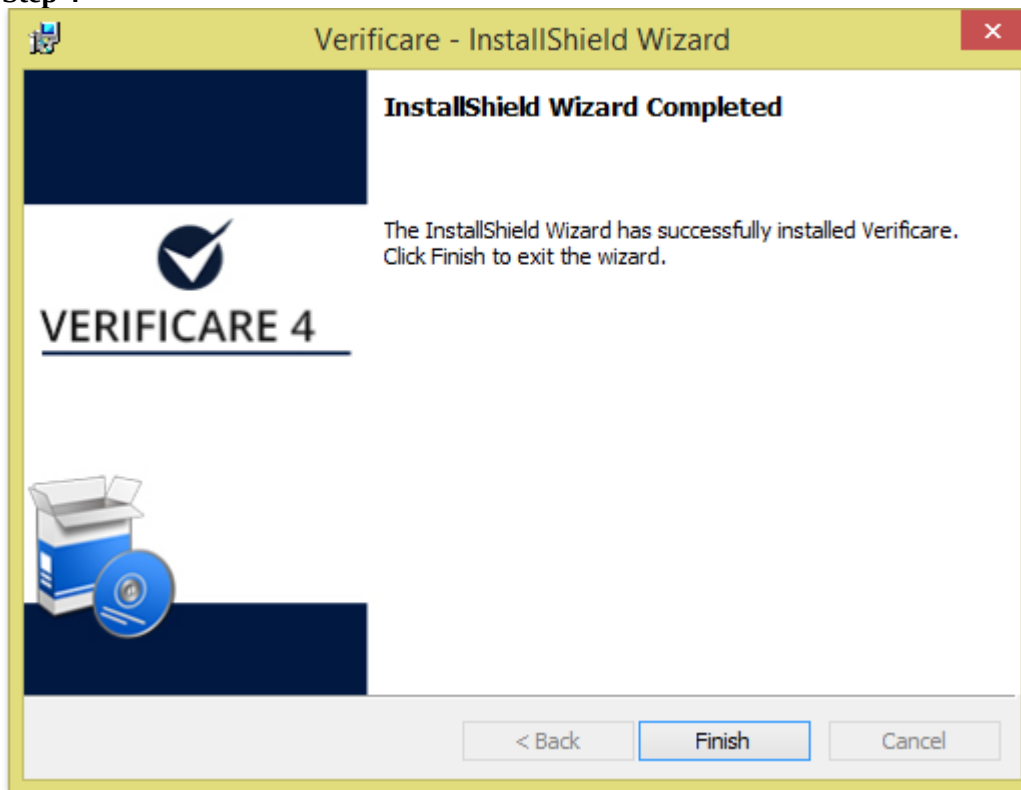
Step 2



Step 3



Step 4



Step 5

**VERIFICARE**
KEY ACTIVATION

[Close \[X\]](#)
CONTINUE DEMO
BUY NOW

License Key*	Address
Customer Name	State
Email-ID	City
Mobile No.	Pincode
Organization Name	Landline No.
Language	<a>ACTIVATE
English	

Copyright © Ginger Webs Pvt. Ltd. 2016-2017. All rights reserved. *Mandatory Fields

If user chooses to go with the demo, then he/she has to provide the email ID for receiving OTP (One Time Password). In order to proceed with demo, user has to validate the OTP.

The screenshot displays the 'VERIFICARE KEY ACTIVATION' interface. On the left is a registration form with fields for 'License Key*', 'Customer Name', 'Email-ID', 'Mobile No.', 'Organization Name', and 'Language' (set to English). An orange 'CONTINUE DEMO' button is at the top right. An 'OTP' modal is open in the center, containing a 'Send OTP' section with an 'Enter Email ID:' field and a 'Submit' button, and a 'Verify OTP' section with an 'Enter the OTP you received on E-mail:' field and a 'Verify' button. A red 'Close [X]' button is in the top right of the modal. At the bottom of the main form is an orange 'ACTIVATE' button. The footer includes 'Copyright © Ginger Webs Pvt. Ltd. 2016-2017. All rights reserved.' and '*Mandatory Fields'.

Earlier we only had the option to send OTP on email id to register for demo user. Now, for Indian clients, we have an option to send OTP on mobile number also. For this, we have added a method in Verificare service, which will return whether the application is running on an Indian IP or not, on the basis of IP that is being sent by application to server.

OTP will be sent on Mobile for Indian Clients and through email for foreign clients. Once the OTP is verified, then the software will open in demo Version.

Chapter 2 – Get Started

The Verificare 4 workspace is packed with tools that help make working with OMR sheet templates easier, and is organized into a design pane, a navigation pane, toolbar pane menu bar and status bar. A good way to get up to speed in using Verificare 4 is by familiarizing yourself with its workspace.

2.0 Workspace Basics

Verificare 4 provides an intuitive user interface with a menu bar, a toolbar, a navigation pane, work area and status bar.

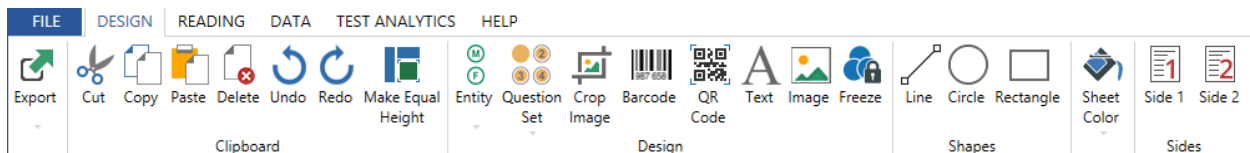
2.1 About Start Page

The Start Page appears when you first start Verificare 4 and shows the recent templates opened helpful product tutorials and more. You can click any template you recently opened from the recent template list or choose one tutorial for any feature to learn about our product. The Start Page will continue to appear every time you start the program until you uncheck the

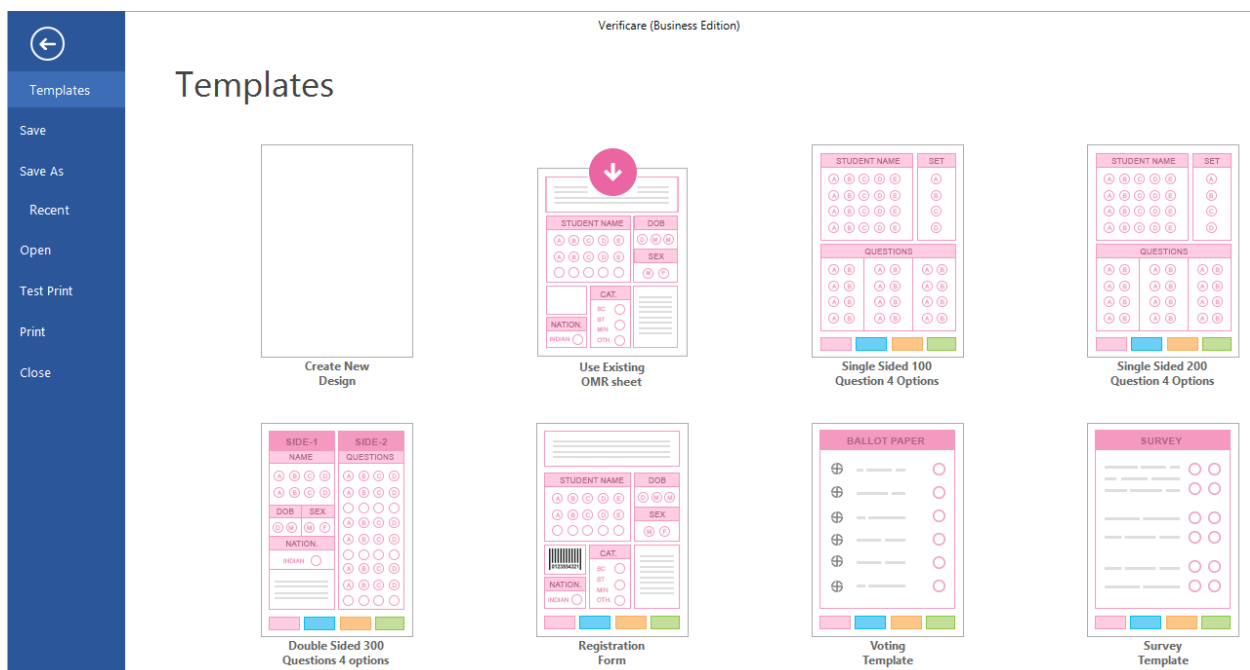
2.2 Show Start Page at FILE >

Toolbar

The toolbar displays the FILE page (the backstage view like Office 2013) and other tabs with different tools.



Click **FILE** to create, open, save to manage your OMR template files.



Chapter-3 Design Template

3.0 Designing Mode Basic

Designing a template is must phase while using the software. Template has to be designed whether its existing preprinted sheet or whether it's designing new template. There are two ways the software can be used. First the one in which sheet is to be designed by the software and other is in which we are working on a sheet which is already designed by other means not by our software. So on these basis we have two kind of Template Designing.

1. New Sheet Template Designing Mode

2. Existing Sheet Template Designing Mode

3.1 New Mode

Show Start Page at **FILE>Create New Design**

Click **Create New Design** to create your new form design, you can also choose the existing form design.

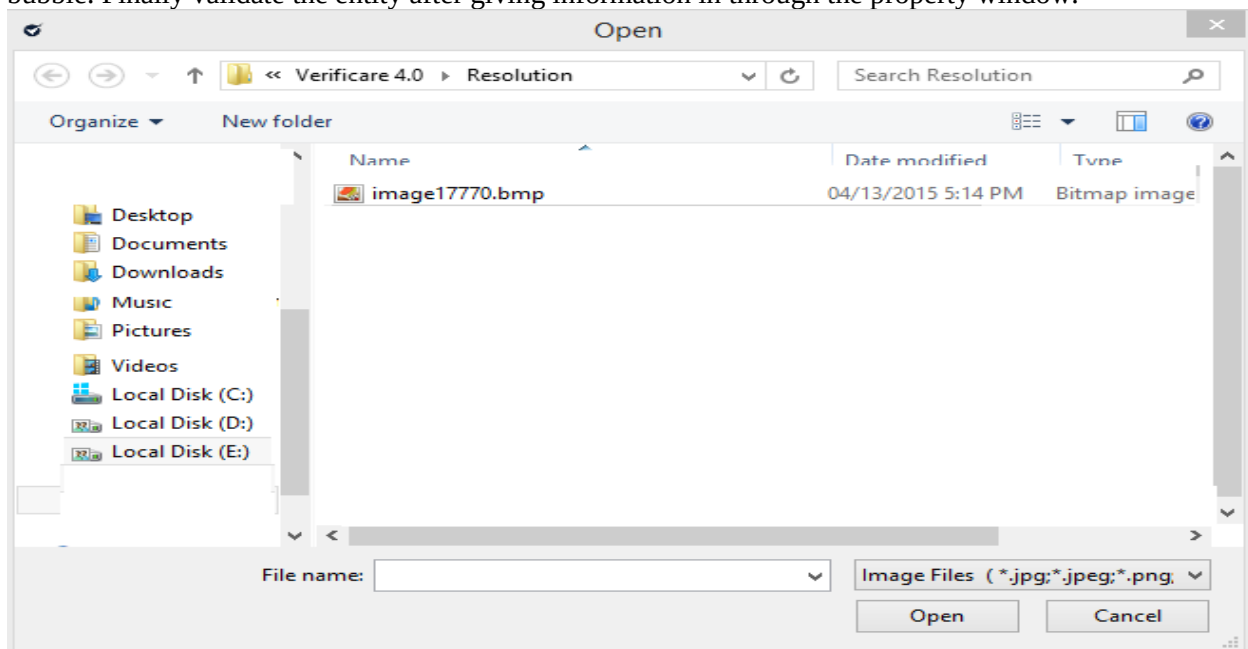
While designing the template chooses the required entity from designing tab tools (discussed below) and adjust its alignments (Placing on the Sheet) manually and dimension (Rows, Columns) from the property window (discussed below). After placing all required entities on the sheets click Save  to save the template at desired location.

3.2 Existing Mode

In Existing mode the template design takes place for a pre-printed OMR sheet.

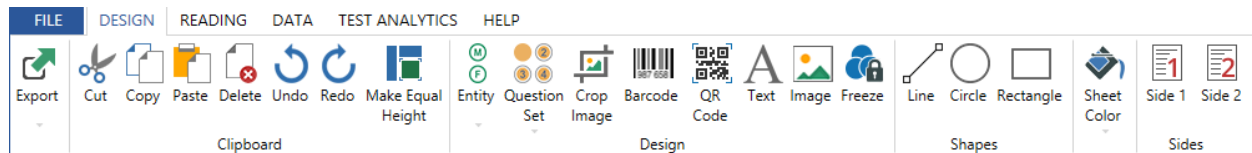
Go to File>Use Existing OMR Sheet, a new browse window will open as shown below.

Browse for the Master sheet of template. Finally Click OK, master sheet will open in design Phase. Now design your entity as required. Click on entity design Tool (OMR, Question, Barcode, and Crop Image) and drag the required area as shown below. Bubbles will be placed in first row and first column. If some bubbles are missing then place them manually by generating the bubble from vertical and horizontal bubble. Finally validate the entity after giving information in through the property window.



3.3 New Sheet Template Design Surface

All phases of Verificare are divided on a ribbon. The ribbon is shown below.

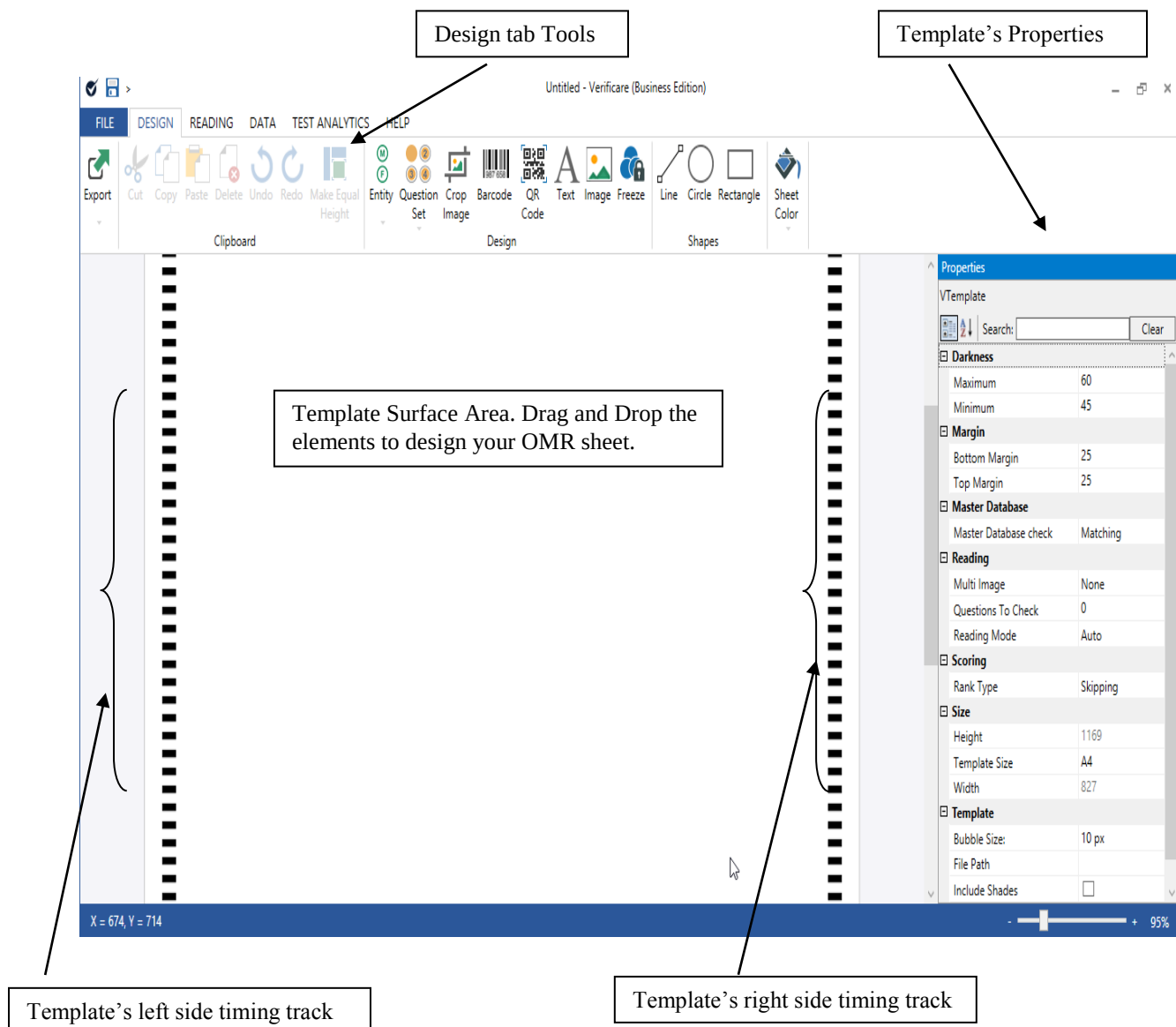


In Ribbon Mode, please do either of the following:

To collapse/expand the toolbar, please click or in the upper right corner.

Right-click toolbar and check minimize the Ribbon option to hide the ribbon toolbar and uncheck the option to show it.

The toolbar displays the DESIGN page and other tabs with different tools.



3.4 Template Properties

However we have given the user friendly name to all the fields so there will not be any difficult to recognize them and have provided more clarity of some fields which we think will be little bit difficult to understand.

Properties
VTemplate

Search:

Darkness	
Maximum	90
Minimum	10
Margin	
Bottom Margin	25
Top Margin	25
Master Database	
Master Database check	Matching
Reading	
Multi Image	None
Questions To Check	40
Reading Mode	Auto
Scoring	
Rank Type	Skipping
Size	
Height	1169
Template Size	A4
Width	827
Template	
Bubble Size:	10 px
File Path	D:\Verificare 4.0 Lat
Include Shades	☐
Sides	Double

1. Maximum-Darkness Percentage above which the records are accurate.
2. Minimum- Darkness Percentage below which the records will be discarded.

Bottom Margin of the template

Top Margin of the Template

Highlight record while reading if matched or not matched with master DB

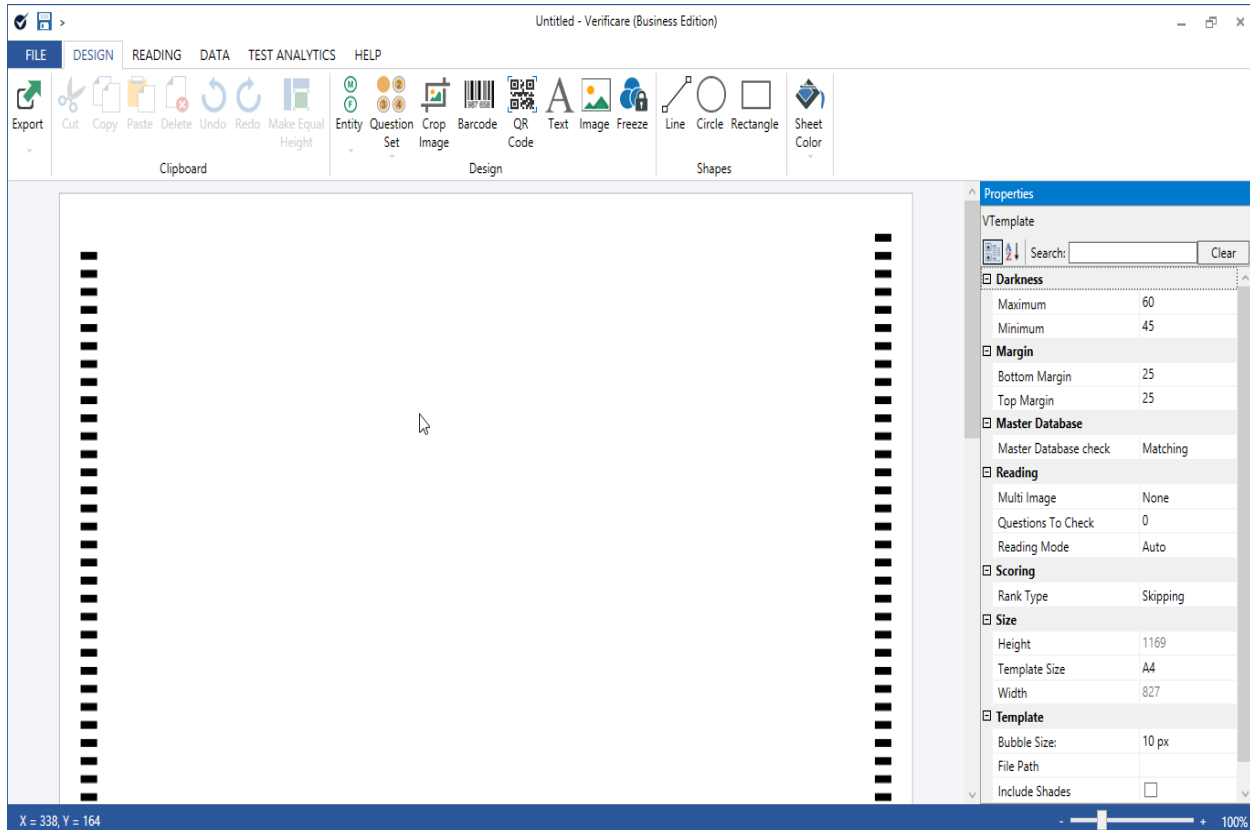
1. Multi-image Format (B/W to Color or Color to B/W or B/W only)
2. No. of Question to check in the template
3. Reading Mode- Auto or Manual
4. Rank Type- Skipping for non-continuous rank and non-skipping for Continuous Ranks.

Height, width and Paper Size of Template

1. Size of the Bubble
2. Path of the file marked as master Template
3. No of Sides of the Template whether single sided or double sided.
4. Include shades –check for color and uncheck for Black and White Sheet

3.5 Tools under Design Tab

The toolbar displays the DESIGN page and other tabs with different tools



3.6 Add a new entity to design sheet

To add a new entity, please do one of the following:

- Click on 'Entity' Tab from the context menu. There are two types of matrix which you can choose i.e. Matrix Entity and Labelled Entity.
- You can change the values of default fields through property windows. See the below screen shot for more clarity on entity fields.

3.7 Entity Properties:

However we have given the user friendly name to all the fields so there will not be any difficult to recognize them and have provided more clarity of some fields which we think will be little bit difficult to understand.

Properties

Entity

Search:

☒ **Analysis**

Add to Analysis ☐

☒ **Common**

Name entity1

Side of template Side1

☒ **Entity**

Columns 22

Entity Orientation Vertical

Is Labelled ☐

Is Name Entity ☐

Is Unique ID ☐

Rows 26

Set Entity ☐

☒ **Master Database**

Link to Master Database ☐

☒ **Reading**

Maximum Filled ☐

Multiple Allowed ☐

View Confidence ☐

☒ **Text**

Bubble Text Type Text

Text Labels A to Z(Caps)

- Search for Any Property directly
- Check if the entity is required for analysis
- Check if the entity is Labeled or not
- Check if the entity is name entity for Report, It's not mandatory for Report
Check if the entity is unique for report Generation
- Check if given entity is a set entity which determine the question set of the candidate
- Check whether the entity will be used to check against Master Database
- 1. Maximum Filled- Check if one option with maximum darkness is required
2. Multiple allowed- Check if multiple answers are to pick up
3. View Confidence- Check if the entity is to be analyzed for the confidence (critical accuracy)

Validation Expanded

☒ **Validation**

To Validate ☒

☒ **Value Check**

Maximum Value 0

Maximum Value Check Co... Select Color

- Check if the given is having check for validation like check on length, range etc.
- If Validation checked then give maximum value and color of the validation

Master Database Linking

☒ **Master Database**

Link to Master Database ☒

Master Database Select Master D

- If Link to master Database is checked the browse the Master Database (ex. Access, excel)

Properties

Entity

Search: Clear

Analysis

Add to Analysis ☐

Common

Name entity11

Side of template Side1

Entity

Columns 4

Entity Orientation Vertical

Has ICR field ☒

Header Font Select Font ...

Header Text entity11

Horizontal Space 62

Is Name Entity ☐

Is Unique ID ☐

Rows 4

Set Entity ☐

Master Database

Link to Master Database ☐

Reading

Maximum Filled ☐

Multiple Allowed ☐

View Confidence ☐

Text

Bubble Text Type Text

Text Labels A to Z(Caps)

Validation

To Validate ☐

You can change the name of entity that will help you to identify the entity

Not Editable. Just helping us to recognize the side of template in case we have double side template.

If you check it, the entity will have an option for ICR

Expanded view

Text

Bubble Text Type Text

Labels Text

Validation

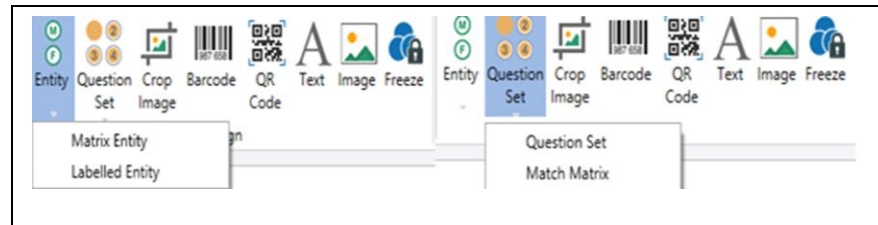
To Validate Numeric

Date

Custom

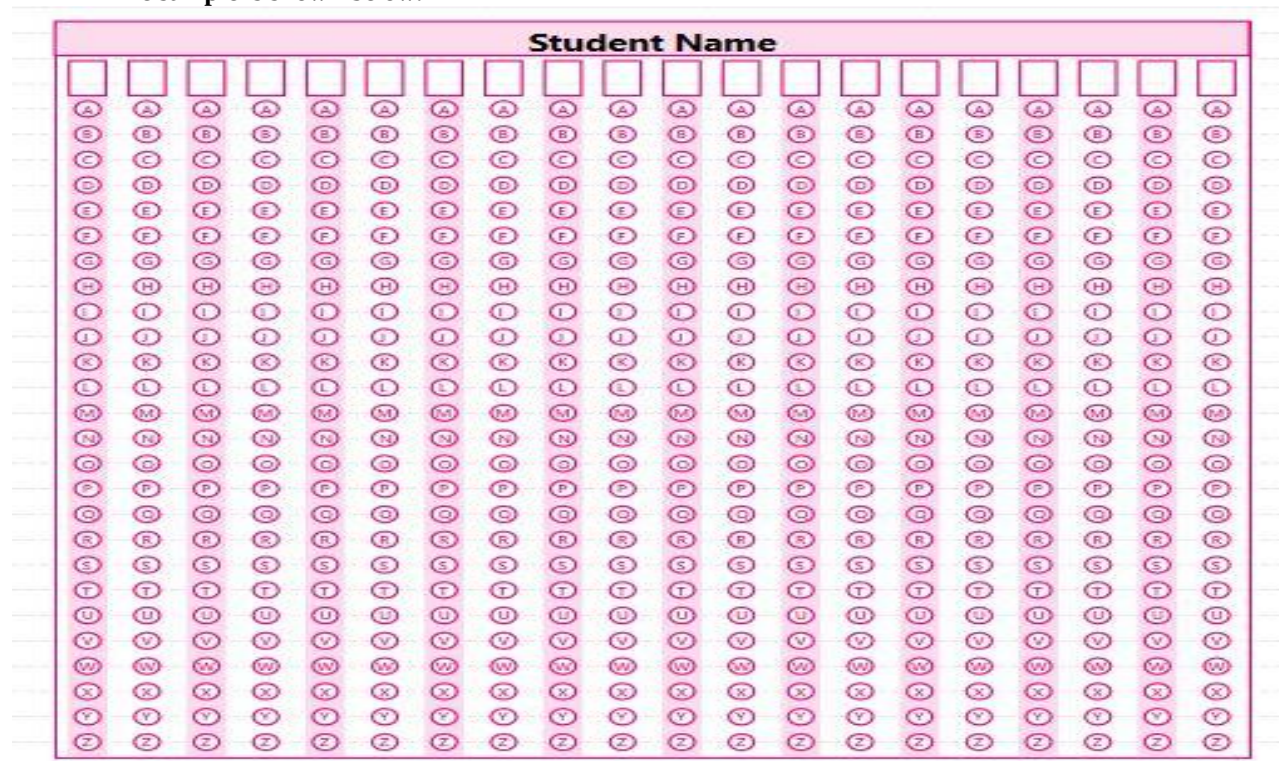
3.8 Type of Entity:

- Entity
 - Matrix Entity
 - Labeled Entity
- Question Set Entity
 - Question Set
 - Match Matrix
- Crop Image
- Barcode
- QR Code



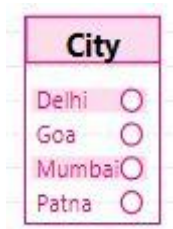
3.9 Matrix Entity

Matrix Entity is a two dimensional matrix of homogenous data. All rows and columns are same. The sample is shown below.



3.10 Labeled Entity

Labeled Entity is one which is having string value corresponding to a bubble. Like Delhi for single bubble. Each bubble carries a distinct value with itself. The sample is shown below



3.11 Question Set Entity

Question Set entity is one having no. of question with options. Each question is a simple question .One question is either a row or coloumn.The sample is shown below

1	A	B	C	D	6	A	B	C	D	11	A	B	C	D	16	A	B	C	D	21	A	B	C	D
2	A	B	C	D	7	A	B	C	D	12	A	B	C	D	17	A	B	C	D	22	A	B	C	D
3	A	B	C	D	8	A	B	C	D	13	A	B	C	D	18	A	B	C	D	23	A	B	C	D
4	A	B	C	D	9	A	B	C	D	14	A	B	C	D	19	A	B	C	D	24	A	B	C	D
5	A	B	C	D	10	A	B	C	D	15	A	B	C	D	20	A	B	C	D	25	A	B	C	D

3.12 Question Match Matrix

Question Match Matrix is designed for one question. This is a particular question pattern generally used in competitive exams .One question is composed of two dimensional matrix. The sample is shown below

101				
A	B	C	D	
A	B	C	D	
A	B	C	D	
A	B	C	D	
A	B	C	D	

Crop image Entity

This entity is used to crop the image from the OMR sheet and keep the cropped image for any purpose. Cropped images are like Address, Photo, and Signature etc.

Barcode Entity

Barcode Entity is used to specify the Barcode region, which will be used while reading the barcode.

The sample for Crop Image Entity and Barcode Entity are shown below.

Crop Image Entity



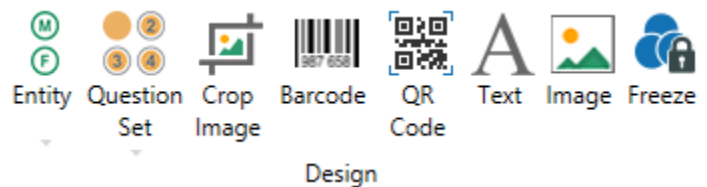
Barcode Entity and QR Code Entity





Crop Image

This entity is used to crop the image from the OMR sheet and keep the cropped image for any purpose. Cropped images are like Address, Photo, and Signature etc.



Barcode

Barcode Entity is used to specify the Barcode region, which will be used while reading the barcode.

QR Code

QR Code Entity is used to specify the QR Code region, which will be used while reading the QR Code

Text

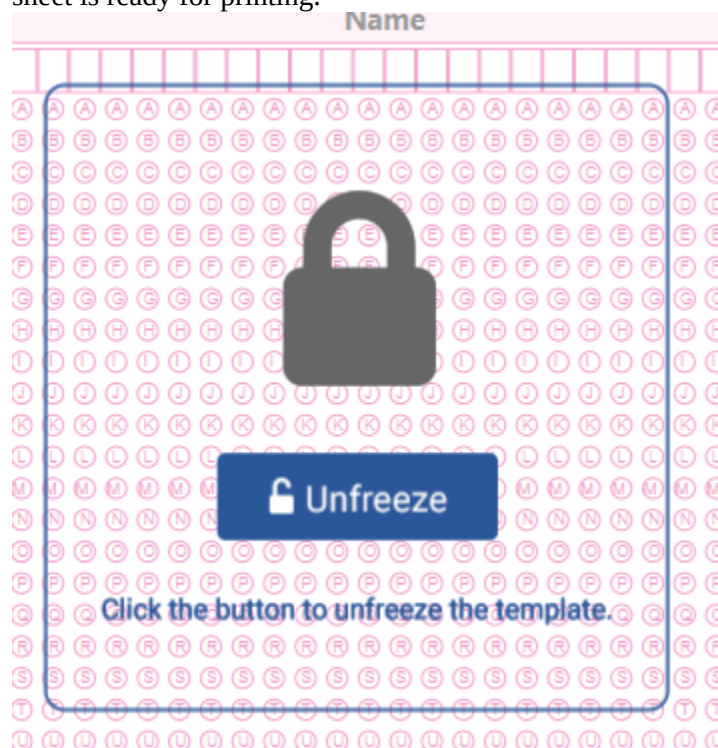
This tool is used to add the text and make the changes in its font style and size.

Image

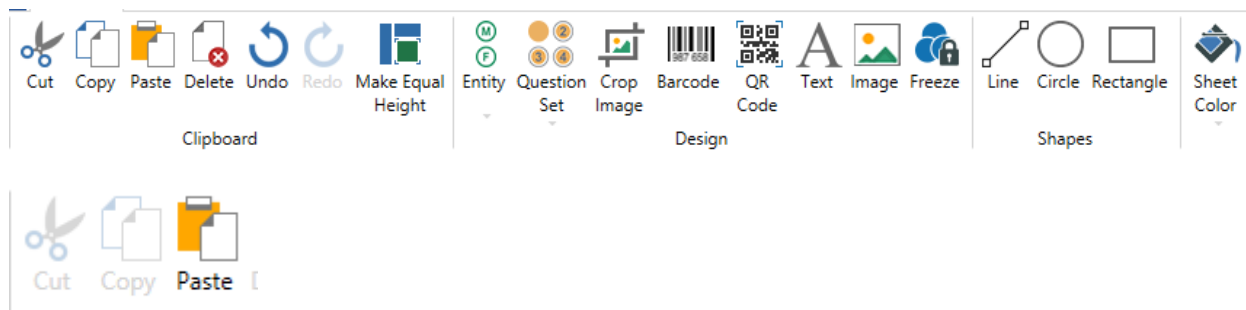
This tool is used to insert image in sheet. For ex. Inserting logo in the sheet.

Freeze/Unfreeze

This tool is used to ensure the user that designing work of selected template is completed and now OMR sheet is ready for printing.



3.13 Options in Clipboard



Cut

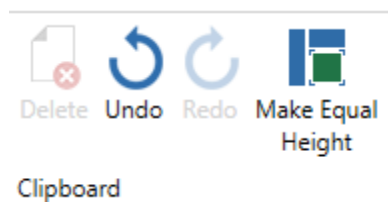
Cut is used to cut the entity and paste it any other location on the sheet.

Copy

Copy is used to copy the entity and paste it somewhere else in the sheet.

Paste

Paste is used to paste the copied entity or text in the OMR sheet.



Delete

Delete is used to delete the entity or faulty generated bubble.

Undo

Undo is used to reverse the changes made by user.

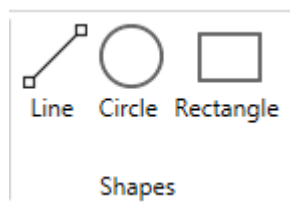
Redo

Redo is opposite to undo. It will reverse the changes made by undo.

Make Equal Height

The feature is used to make the height of several entities equal to make it appear good .

3.14 Options in Shapes



Line

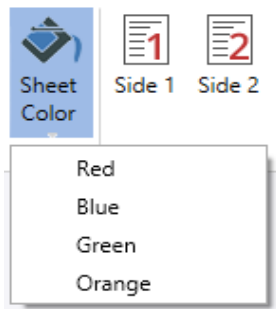
This tool is used to draw line on the sheet whenever required for making design effective and creative.

Circle

This tool is used to draw line on the sheet whenever required for making design effective and creative.

Rectangle

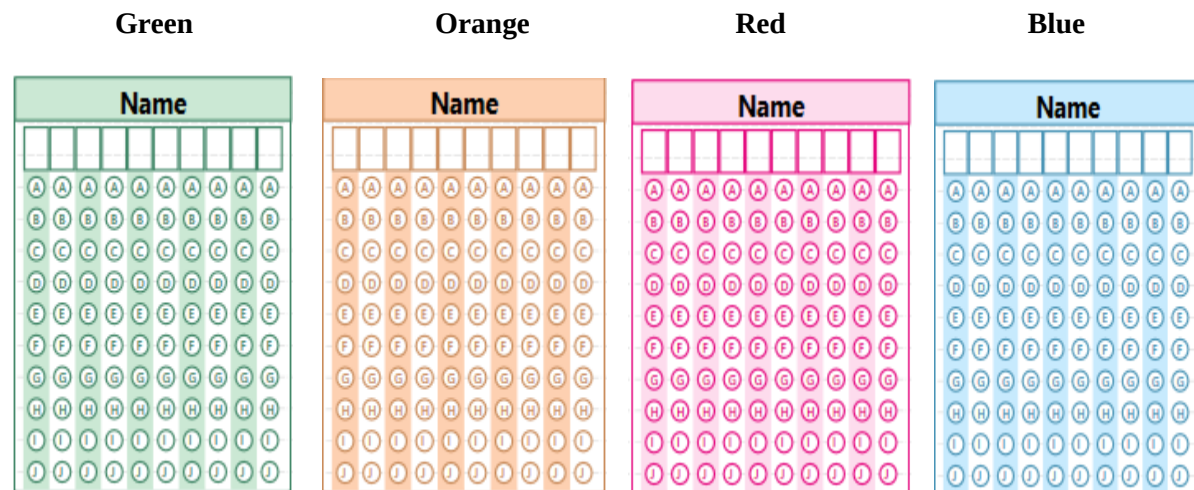
This tool is used to draw line on the sheet whenever required for making design effective and creative.



Sheet Color

This color is responsible for imparting the color to OMR sheet in design sheet. OMR Sheet in given colors (Red, Blue, Green, and Orange) is shown below.

OMR Sheet with different colors.

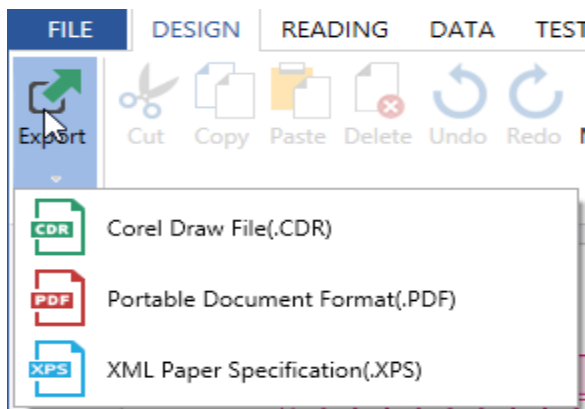


Side1 and Side2

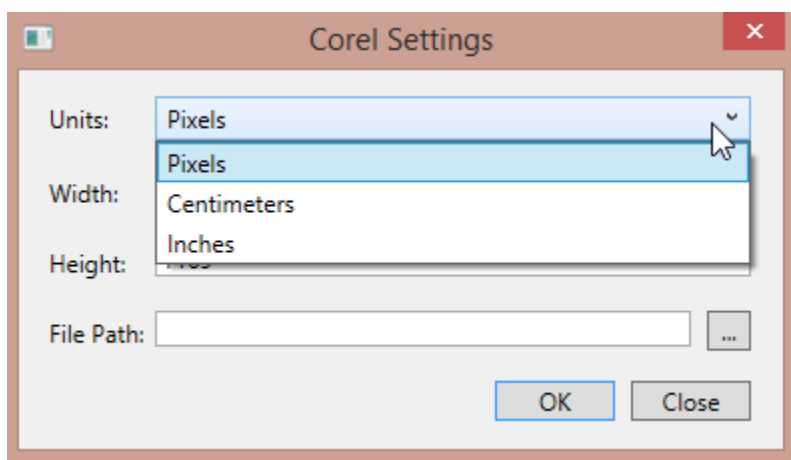
These are sides of the OMR sheet. Side1 is front side and side2 is Back Side.

For designing the Sheet Select the Entity type you want, it will generate the default entity with default no of rows and columns. Make changes in the property window to configure the entity as needed. Finally after designing all entities save the Template.

3.15 Save Template in various formats



Save the Design as CDR file and provide the required dimensions in desirable units for the Coral file.



Save the OMR design as PDF and print it later on for the reading and evaluation purpose.

Save the OMR design as XPS document.

Here the design phase for new Mode of Template is completed.

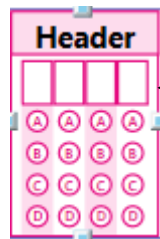
Designing Template in Existing Mode is discussed in the next Section.

3.16 New Sheet Designing Process

Entity designing process is explained here as under'

1. Select the required entity (Entity, Question Set, Crop Image, and Barcode) .Once the entity is selected; it will generate a default entity.



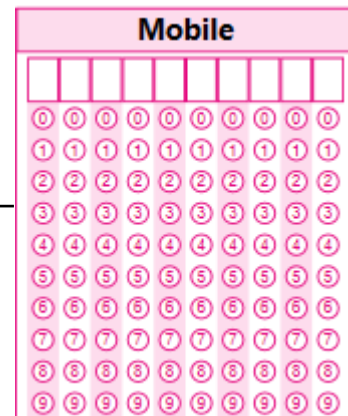


2. Default Entity Generated with 4 Row and 4 Columns

Entity	
Columns	10
Has ICR field	☒
Header Text	Mobile
Rows	10

3. Changing the default Property value to one required.
Header Text
Rows, Columns

4. After changing the row and Columns and Header, the newly created entity is shown here. Now this entity can be dragged and placed anywhere in permitted region of the sheet



In this way the Entity for other entity type can be designed.

Barcode and QR Code Controls



Barcode and QR control placing on template



Barcode and QR Control Properties

Properties

Barcode

Search: Clear

Barcode

Barcode Type	CODE128
Show Label	☐
Starting Barcode	651483268412

Common

Name	barcode1
Side of template	Side1

Layout

Height	85
Left	100
Top	34
Width	173
ZIndex	3

Properties

QRCode

Search: Clear

Common

Name	qrCode3
Side of template	Side1

Layout

Height	87
Left	249
Top	24
Width	92
ZIndex	7

QR

Text Data	data
Type	Static

3.17 Existing Template Design Surface

Designing in Existing Mode

Verificare (Business Edition)

Templates

←
Templates
Save
Save As
Recent
Open
Test Print
Print
Close

Create New Design

Use Existing OMR sheet

Single Sided 100 Question 4 Options

Single Sided 200 Question 4 Options

Double Sided 300 Questions 4 options

Registration Form

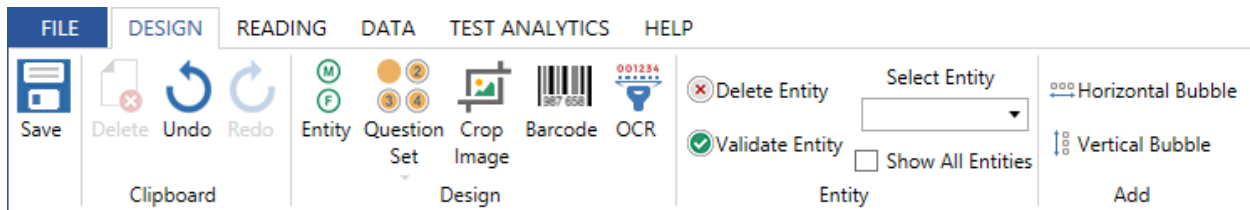
Voting Template

Survey Template

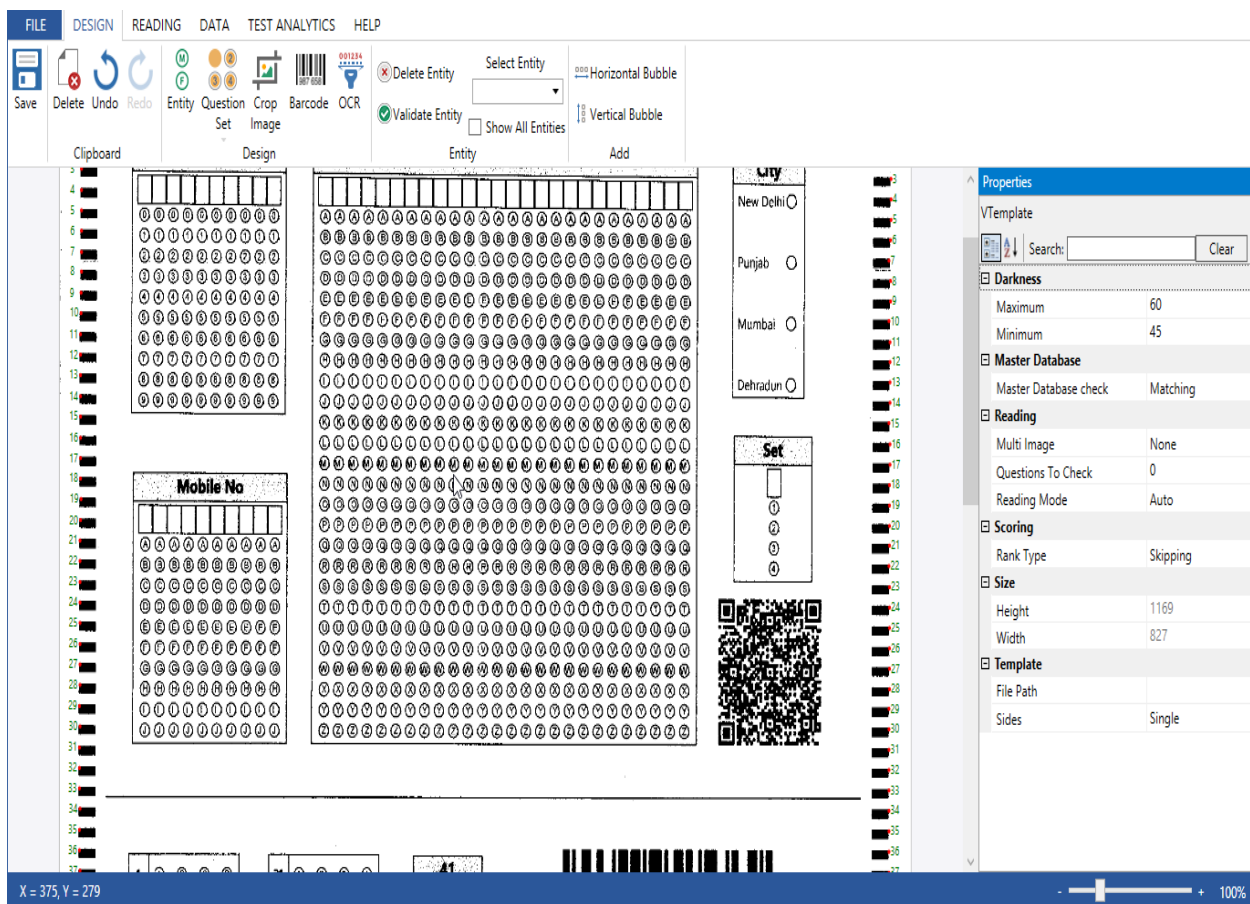
Click here for browsing the Master Sheet folder

Choose Use Existing OMR Sheet and browse master Sheet into browse window.
Click Ok. The master sheet will open in design mode as shown in figure.

3.18 Tool Bar in Existing Mode



Existing Template Designing Process



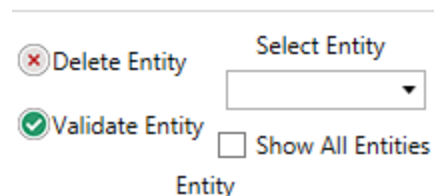
Dragging Area onto the Entity and placing the missed bubbles

1. Choose Tool from Design Tab ex. OMR Entity and Drag the required region

Generate Horizontal and Vertical bubble

The screenshot shows the 'DESIGN' tab in the software. The 'Entity' tool is selected, and a callout box indicates that users should choose a tool from the Design Tab (e.g., OMR Entity) and drag the required region. Another callout box points to the 'Horizontal Bubble' and 'Vertical Bubble' options, stating 'Generate Horizontal and Vertical bubble'. The main workspace displays a grid of bubbles for an OMR form. A 'Properties' panel on the right shows settings for 'entity1', including 'Columns: 22', 'Entity Orientation: Vertical', 'Is Labelled', 'Is Name Entity', 'Is Unique ID', 'Rows: 26', 'Set Entity', 'Link to Master Database', 'Maximum Filled', 'Multiple Allowed', 'View Confidence', 'Bubble Text Type: Text', and 'Text Labels: A to Z(Caps)'.

While Designing in Existing Mode below are the available tools other than Entity Tools.



Delete Entity

This option is used to delete entity.

Validate Entity

This tool is used to validate the entity. Validating the entity means to sure the correct placing of bubbles in the row and column of the entity.

Select Entity

Select entity provides the list of created entities.

Horizontal Bubble

This is used to generate Horizontal bubble in case needed.

Vertical bubble

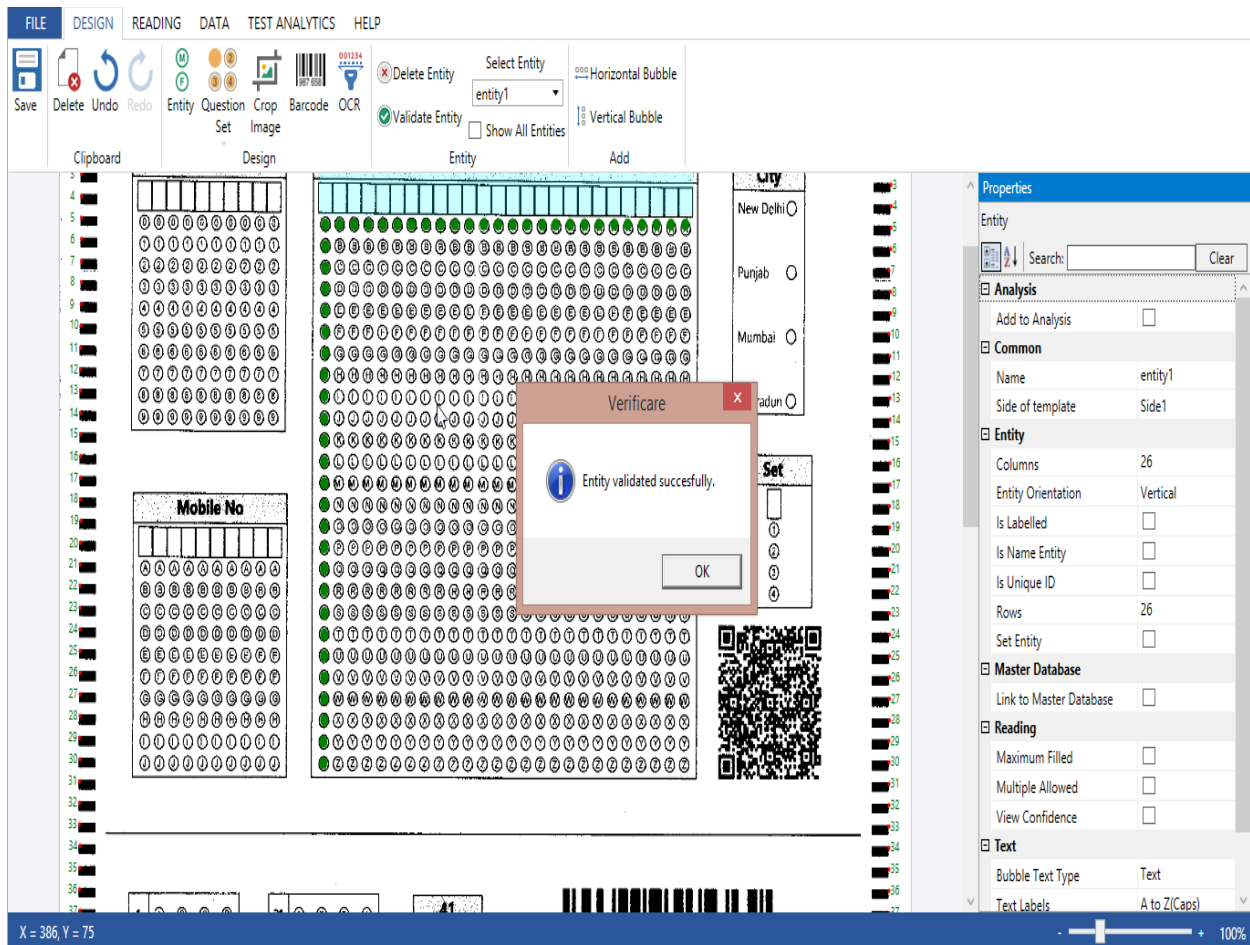
This is used to generate vertical bubbles in case needed.

After successfully placing the bubbles in entity, validate the entity.

Show All Entities

This is used to show all designed Entities.

Upon Validating the Entity



Once all the entity are designed and validated, save the template information by clicking the Save button.

Entity Properties in Existing Template Design

Properties

Entity

Search:

Analysis

Add to analysis ☐

Common

Name Entity4

Side of template Side1

Entity

Columns 5

Entity Orientation Horizontal

Rows 10

Set Entity ☐

Master Database

Link to Master Database ☐

Reading

Maximum Filled ☐

Multiple Allowed ☐

Expand the selection to see more

Text

Bubble Text Type Text

Labels A_Z

Validation

To Validate ☐

Search for Any Property directly

Check if the entity is required for analysis

Check if given entity is a set entity which determine the question set of the candidate

Check whether the entity will be used to check against Master Database

If checked the darkest filled choice will be considered as the final option filled by the candidate

If checked will consider multiple option allowed as choice, otherwise give * for multiple filled option in single column

Check if the given is having check for validation like check on length, range etc.

Validation Expanded

Validation

To Validate ☒

Value Check

Maximum Value 0

Maximum Value Check Co... Select Color

If Validation checked then give maximum value and color of the validation

Master Database Linking

Master Database

Link to Master Database ☒

Master Database Select Master D

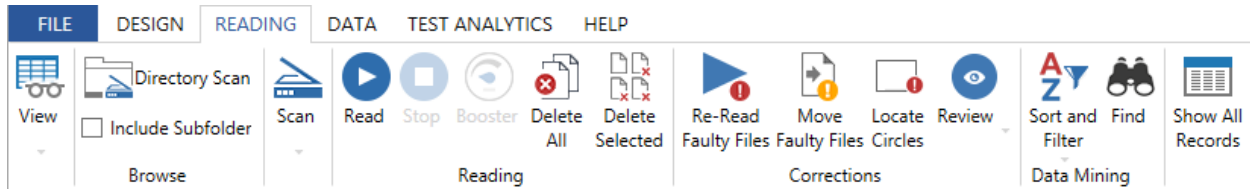
If Link to master Database is checked the browse the Master Database (ex. Access, excel)

Once all the entities are designed and are placed correctly or validated, the design phase is complete.

Chapter-4 Reading Template

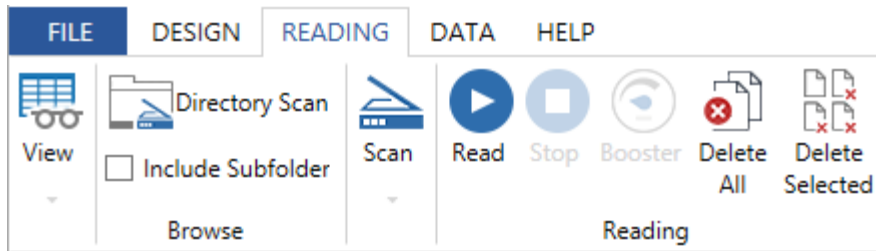
4.0 Reading Basics

Reading is extracting data from the Filled OMR sheets.



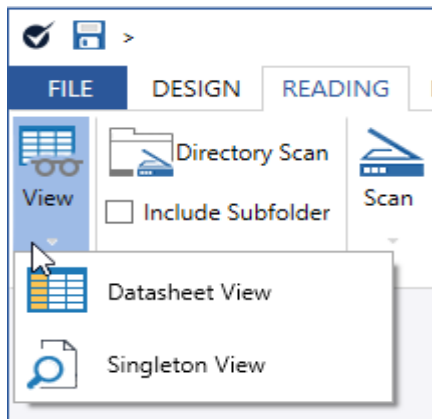
Reading phase will be same for both the modes, new as well as existing. For reading phase go as instructed below.

4.1 Reading Phase Tools Explained



4.2 View

View is simply a way viewing record.



Singleton View

Datasheet View

Singleton View

Singleton View is used to view the records one by one, one record at a time.

Cropped image of the particular entity will be visible in the image window which is dockable

The cropped images help in editing the data in case needed. Navigation to any record as first, last is possible.

4.3 Datasheet View

Datasheet view is simply showing all records at a time. The image of the selected entity is shown in the Image window. By selecting any entity its image is displayed in the window editor, so entry can be edited corresponding to that entity if needed. Even the image can also be edited in the paint by right clicking on the image Editor Window and saving the image after editing.

The samples of Singleton and Datasheet View are shown below

Singleton View

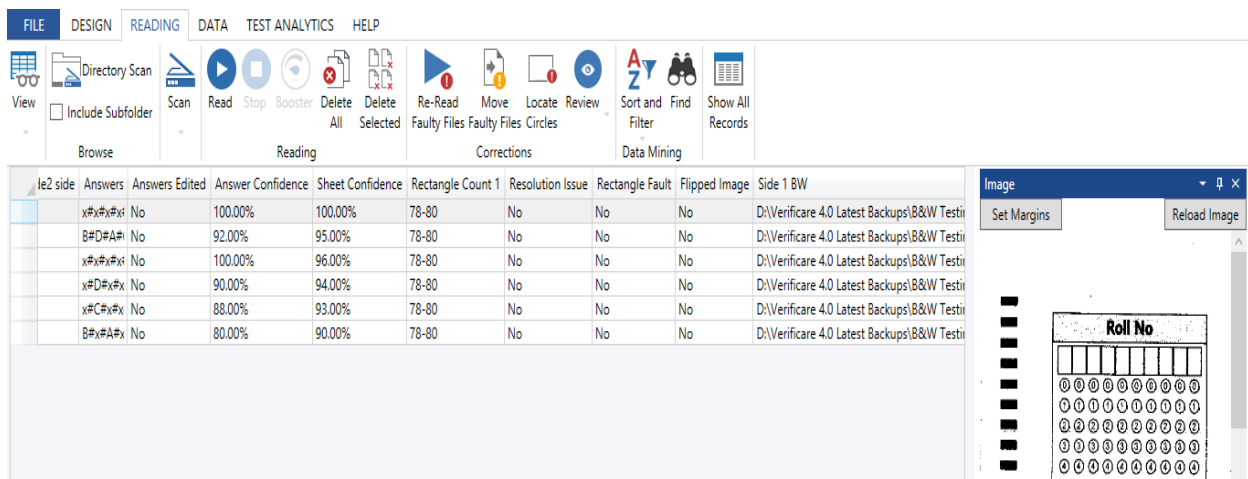
The screenshot displays the Singleton View interface. On the left, a table lists various entities and their corresponding values. The 'Mobile' entity is highlighted in blue. On the right, a docked 'Image' window shows a cropped image of the selected 'Mobile' entity, displaying the number '9897123050'.

Entity	Value
1 Name	SHWETHA
2 Test	101
3 Set	A
4 Enrollment	*
5 DOB	11031994
6 Centre	Delhi
7 Application	ABCGUIABCD
8 Mobile	9897123050
9 barcode1	651483268431
10 croppedImage1	C:\Users\Uitendra Kumar\Desktop\Testing Verificare 4.0\Verificare 4.0.1.2\Verificare\bin\Release\
11 Answers	A#B#C#D#E#F#G#H#I#J#K#L#M#N#O#P#Q#R#S#T#U#V#W#X#Y#Z#0#1#2#3#4#5#6#7#8#9#
12 Rectangle Count 1	76-78
13 Rectangle Count 2	0-0
14 Side 1 BW	C:\Users\Uitendra Kumar\Desktop\Data Verificare\New\NEW GOOD\image7322.bmp
15 Side 1 Colored	C:\Users\Uitendra Kumar\Desktop\Data Verificare\New\NEW GOOD\image7322.bmp
16 Side 2 BW	C:\Users\Uitendra Kumar\Desktop\Data Verificare\New\NEW GOOD\image7322.bmp
17 Side 2 Colored	C:\Users\Uitendra Kumar\Desktop\Data Verificare\New\NEW GOOD\image7322.bmp

Record: 1 of 18 go

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4.4 Datasheet View

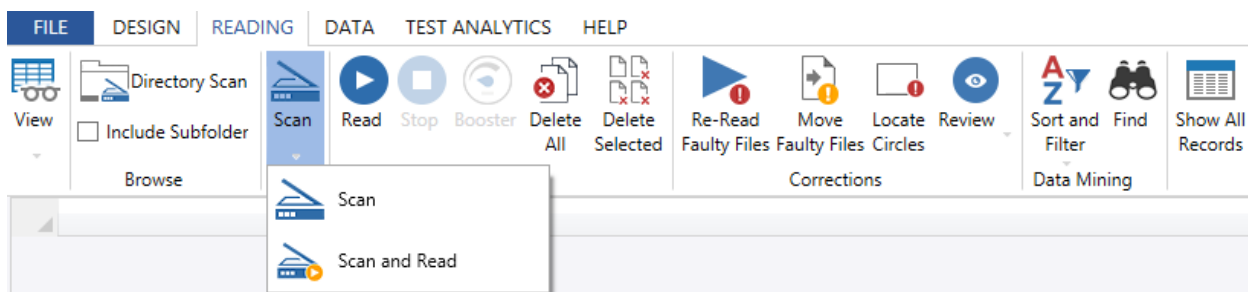


Directory Scan

Directory Scan is used to browse the folder of image files.

Include Subfolder

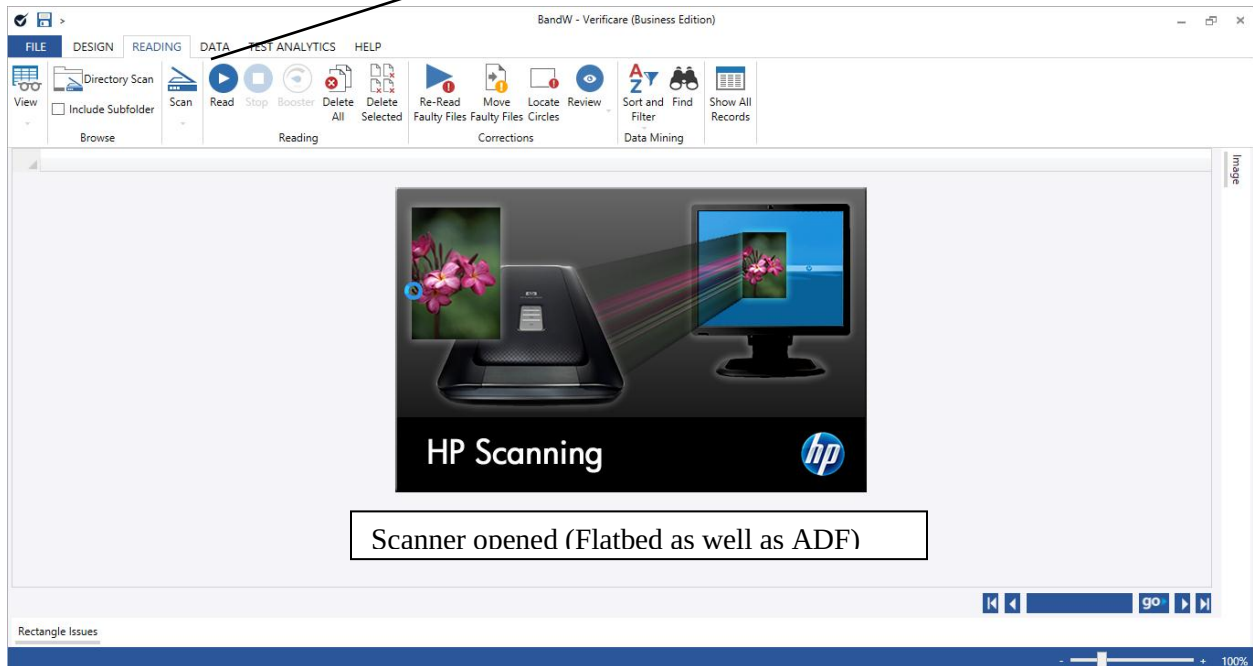
This is a checkbox which if checked will read images from all sub folders in a given root folder.



Scan

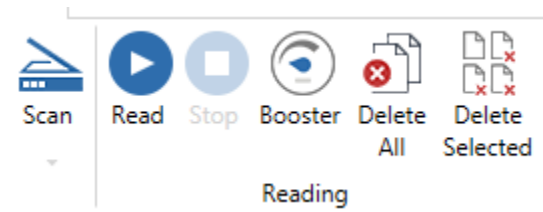
Scan is used to scan the OMR Sheet from Scanner. The scanner can be used from this feature and no need to use it separately. This is used to operate on scanner interface. Scanner settings are controlled from this option.

Click to scan the document



Scan and Scan Read

This feature enables automatic reading after the scanning is finished.



Read/Pause

Read/Pause is used to start, pause and restart the reading the files from the selected folder.

Stop

Stop is used to stop the reading process.

Save

Save is used to save the changes made by user in records through grid.

Delete All

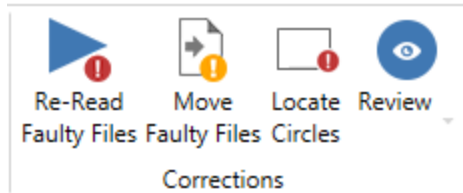
Delete all is used to delete all records.

Delete Selected

Delete Selected is used to delete the selected records.

Booster

Booster is used to increase the reading process by trying to use the system capabilities to best of it.



Re-Read Faulty Files

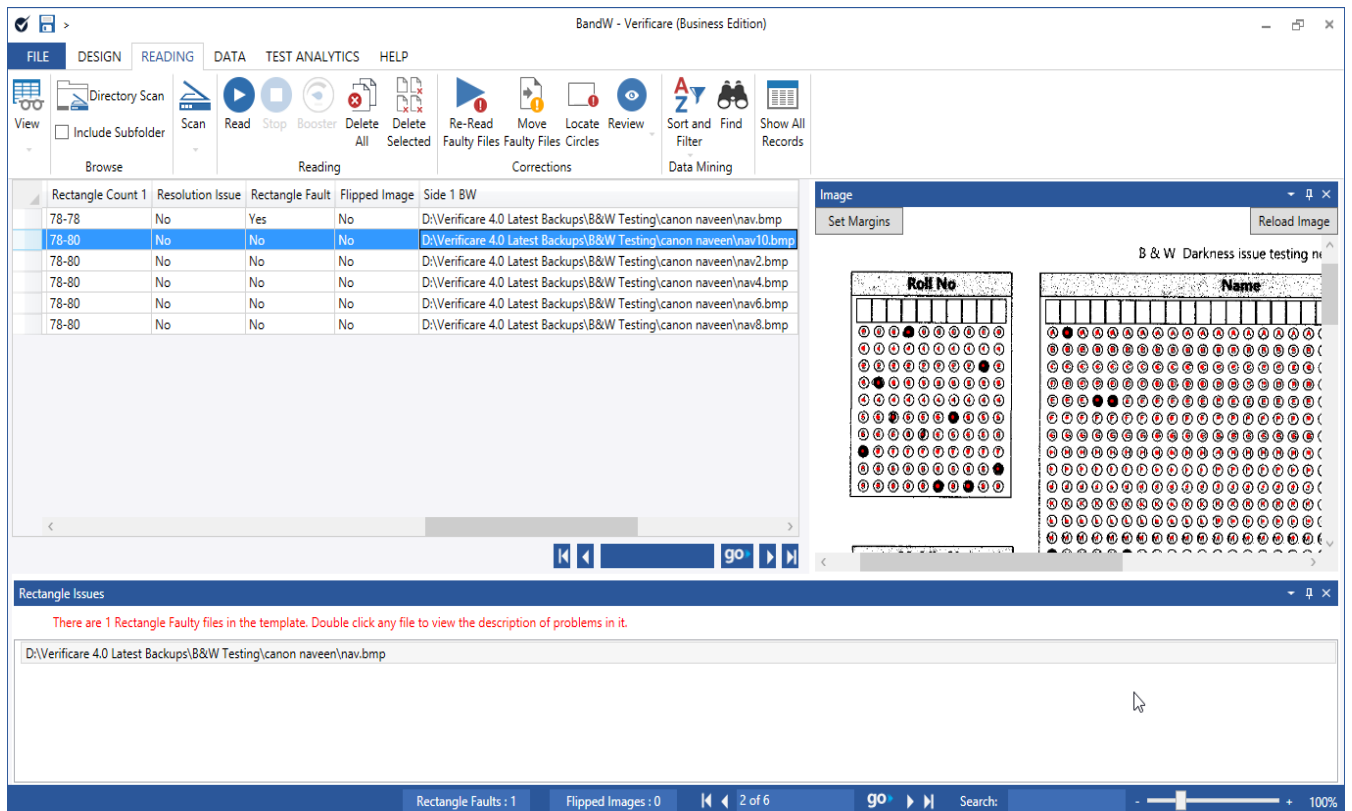
This is used to read the files which are not read correctly during the normal reading.

Move Faulty Files

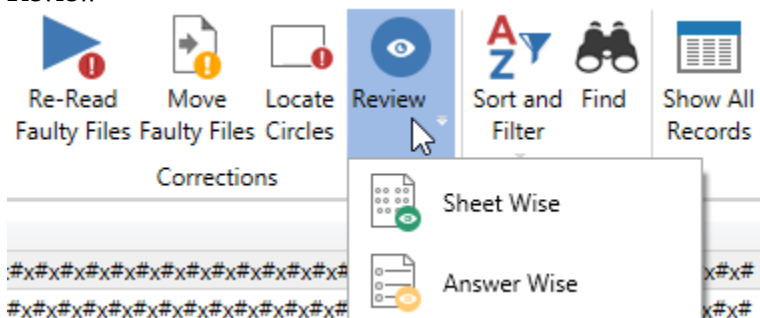
This is used to move the files which are not read properly even on re-reading the files. The files are moved to a specific folder for manual editing through paint.

Locate Circle

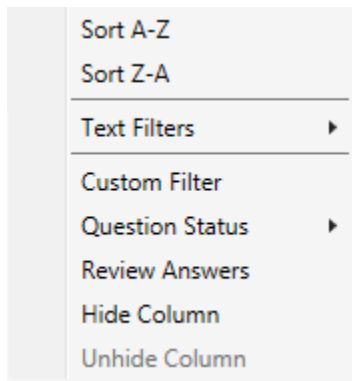
Locate Circle is used to see the accuracy of the reading. It places the red dots at each bubble in each entity.



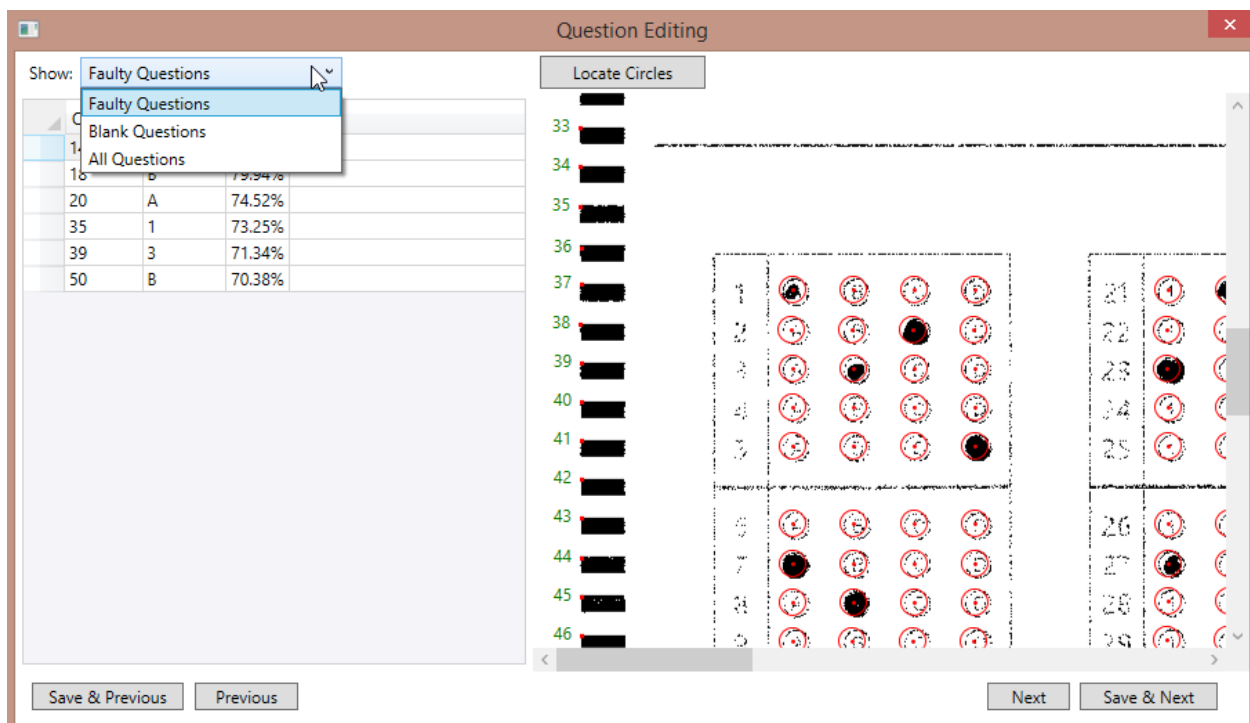
Review



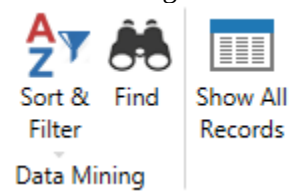
Review the records for confidence either answer wise or Sheet wise.



Review Answer –This new feature is added to review the confidence of answers and edit the same if needed.



User can select the required answer and can view them and edit the answers of one student at a time.
User can navigate back and next using save and previous and save and next.



Sort & Filter

Sort particular Column Ascending or descending. Filter the records on some basis.

Find

To find anything in the records. Even the repetitive occurrence is also detected if present.

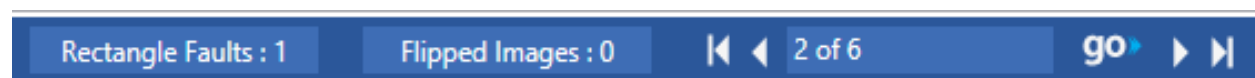
Show All Records

Show All Records will refresh the data grid and show all records.

4.5 Nomenclature used for error Categories

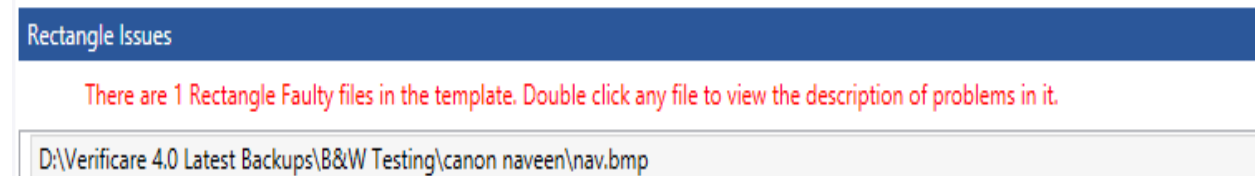
The following nomenclature is used to highlight the errors in the read data.

1. Rectangle Faults
2. Flipped Images
3. Margin Issue
4. Deviation Issue



Rectangle Faults

Rectangle Faults color is shown in records which are not correct. In those cases either the sheet is deviated too much or sheet is not having all the timing tracks.



Flipped Images

Flipped images color is shown in the records which are having images rotated through 180 degree. All above buttons are toggle button. If pressed will fetch the records of their category.

Margin Issue

The issue arises when the sheet is scanned at flat bed or having margins out of ideal one.

Deviation Issue

This issue arises if the sheet is scanned at some angle.

Important for Reading-

While reading kindly notify these things

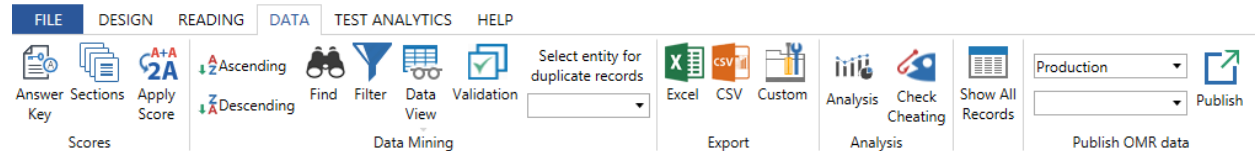
1. Image Multiple Format (if Applicable B/W to CLR, or CLR to B/W)
2. Image Multiple count (if Applicable, Single OR Multiple)
3. Question to Check
4. Darkness Parameters

Chapter 5 – Data Analysis

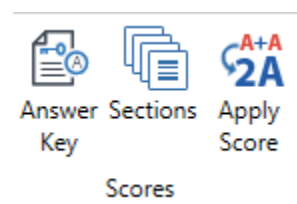
5.0 Data Analysis Basics

This section deals with the analysis Part. Analysis in terms of entities. Like which entity is repeated how many times.

5.1 Data Tab



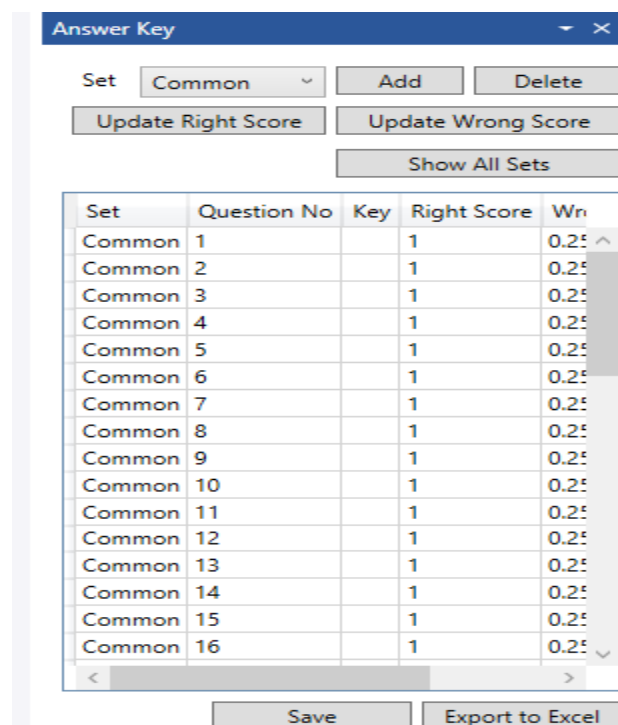
Data Tab Tool Explained



All the tools available in the Data tab are explained below. These tools further carry their own functionality detailed as under.

5.2 Answer Key

This option enables the user to enter key of all questions for all the set. Set can be added and deleted. User can also modify the right score, wrong score and also Bonus marks. The full key details can also be exported to excel.



The given options are self-explanatory.

Copy and Paste for answer key and correct marks is also available in this section.

Partially Marking

The feature added in Data section is to add partial marking in a much elaborated manner. User can give mark to every possible answer that can be marked by a student. For this, right click on the question's row in answer key, and choose Add Partial Marking option. A window will open and user can put its answer-right score combination there.

Answer Key

Set: A [Add] [Delete]

[Update Right Score] [Update Wrong Score]

[Show All Sets]

Set	Question No	Key	Right Score	Wrong S
A	1	A	1	0.25
A	2	A	1	0.25
A	3	A	1	0.25
A	4	A	1	0.25
A	5	A	1	0.25
A	6	A	1	0.25
A	7	A	1	0.25
A	8	A	1	0.25
A	9	A	1	0.25
A	10	A	1	0.25
A	11	A	1	0.25
A	12	A	1	0.25
A	13	A	1	0.25
A	14	A	1	0.25
A	15	A	1	0.25
A	16	A	1	0.25

[Save] [Export to Excel]

Partial Marking

Set partial marking:

Key	Right Score
A	1
B	2
CD	4

[OK] [Cancel]

Answer Key

Set: A [Add] [Delete]

[Update Right Score] [Update Wrong Score]

[Show All Sets]

Set	Question No	Key	Right Score	Wron
A	1	A	1	0.25
A	2	A-B-CD	1-2-4	0.25
A	3	A-BC	1-5	0.25
A	4	A	1	0.25
A	5	A	1	0.25
A	6	A	1	0.25
A	7	A	1	0.25
A	8	A	1	0.25
A	9	A	1	0.25
A	10	A	1	0.25
A	11	A	1	0.25
A	12	A	1	0.25
A	13	A	1	0.25
A	14	A	1	0.25
A	15	A	1	0.25
A	16	A	1	0.25

[Save] [Export to Excel]

5.3 Sections

Sections are provided to facilitate the user for section wise data retrieval.

The screenshot shows a window titled "Sections" with the following components:

- Name:** A text input field for the section name.
- Starting Questions no.:** A text input field for the starting question number.
- Ending Questions no.:** A text input field for the ending question number.
- Select section to delete:** A dropdown menu for selecting a section to delete.
- Add:** A button to add a new section.
- Delete:** A button to delete a selected section.
- Table:** A table with columns "Section Name", "Starting Ques", and "Ending Ques" for displaying created sections.
- Save:** A button at the bottom right to save the information.

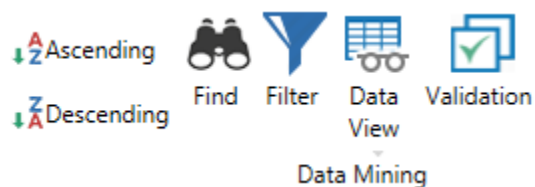
Annotations on the right side of the image point to these elements with the following descriptions:

- Name of Section
- Starting Question no of the section
- Ending Question no of the section
- Select section to delete
- Add or Delete the section as per requirement
- Information about the created section
- Save the information regarding the section

Set will be from the Starting question to Ending Question including both the end points. User will get the score separately for the each section.

5.4 Apply Score

Apply score is used to calculate the score of each record if applicable.

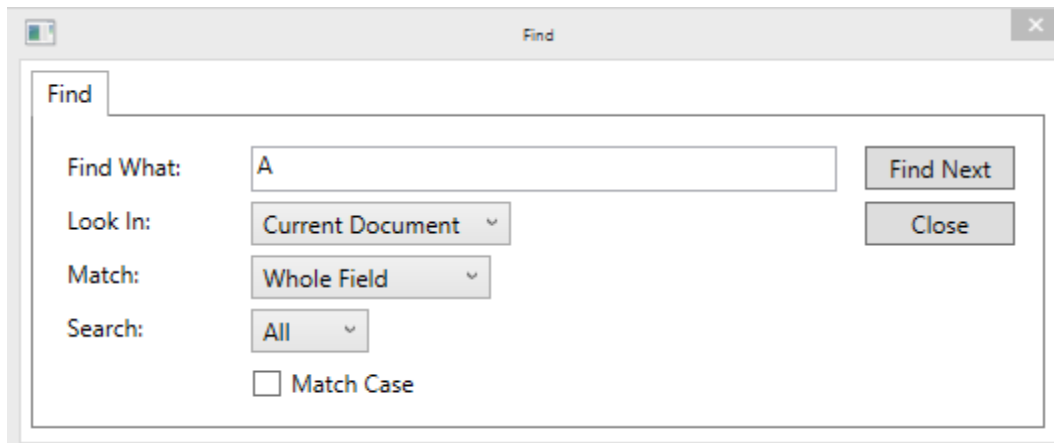


Ascending/Descending

Sort the records in ascending or descending order.

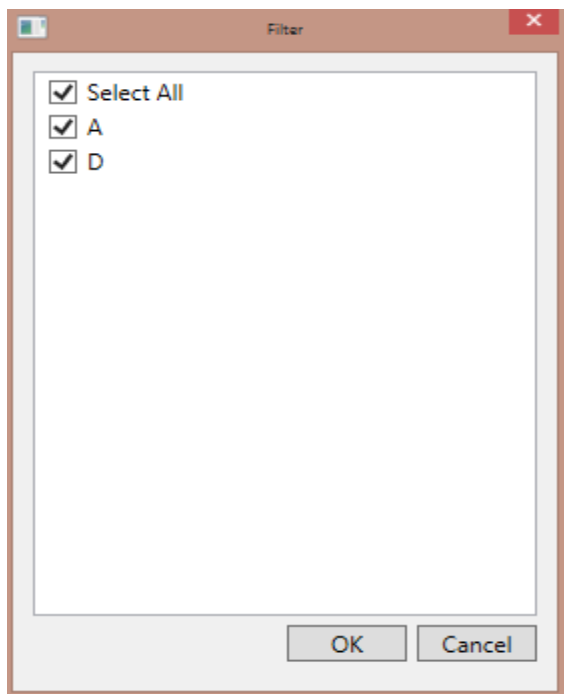
Find

This tool will let you find the typed word in the records. The searching can be in the current column or whole datasheet. Case sensitive or insensitive searching is also provided.



5.5 Filter and Data View

Filter tool will let user to filter the records as needed. Filter will be applied on a column. Filter will show all distinct values in that column with checkboxes checked. Now user can uncheck the values which he don't want to see in the records.



5.6 Validation

Validation tool will allow user to validate the checks that he has placed during the design time.

Validation checks include

Mandatory

Mandatory check will list those faulty fields which are set to be mandatory but have no value while reading the sheets. The record will be highlighted with the color specified by the user at design time.

Maximum Value

Maximum value check will let the user to place the maximum limit on the values of an entity. If in any case the value exceeds from the given limit the row will be highlighted with the color specified by the user.

Length

Length validation is on the length of the entity. If the length of the entity is less or greater than then given length then record will be highlighted with the specified color.

Validation

When clicked on the individual entity ex. Subject the records with validation failed on Subject will be rendered in the grid.

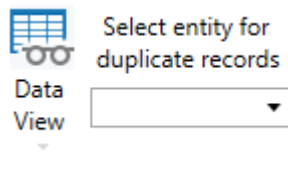
Side 1 BW	Test	Subject	Set
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7397.bmp	22	7397	B
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7401.bmp	29	7401	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7410.bmp	52	7410	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7419.bmp	53	7419	B
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7423.bmp	01	7423	A
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7425 (2) - Copy.bmp	63	7425	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7425 (2).bmp	63	7425	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7425 (3) - Copy.bmp	63	7425	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7426 (2) - Copy.bmp	78	7426	A
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7426 (2).bmp	78	7426	A
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7426 (3) - Copy.bmp	78	7426	A
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7430 (2) - Copy.bmp	17	7430	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7430 (2).bmp	17	7430	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7430 (3) - Copy.bmp	17	7430	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7430.bmp	11	7430	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7434 (2) - Copy.bmp	56	7434	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7434 (2).bmp	56	7434	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7434 (3) - Copy.bmp	56	7434	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7436.bmp	05	7436	C
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7449.bmp	12	7449	A
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7414.bmp	52	175	A
C:\Users\user\Desktop\FinalDemo\100 sheets\to read\image7420.bmp	64	268	B

Validation

- Mandatory
- Maximum Value
- Subject (20)
- Test (19)
- Length

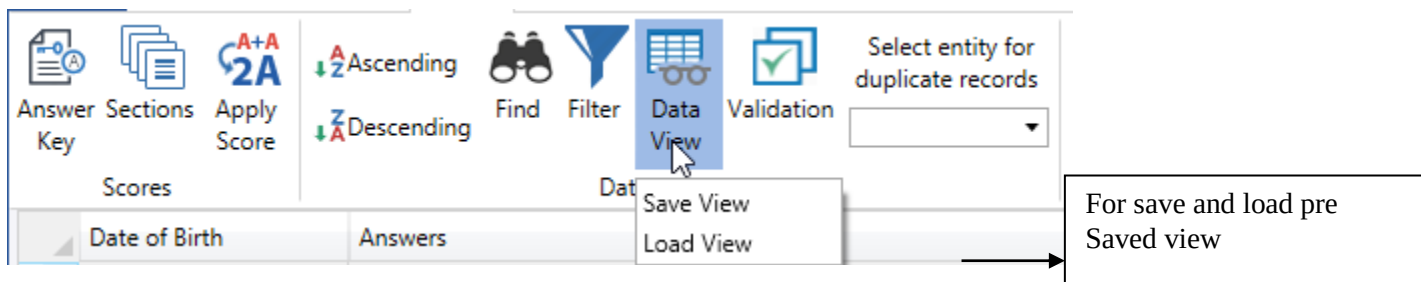
Validation Section with Color. Columns are highlighted with given color

Validation Section



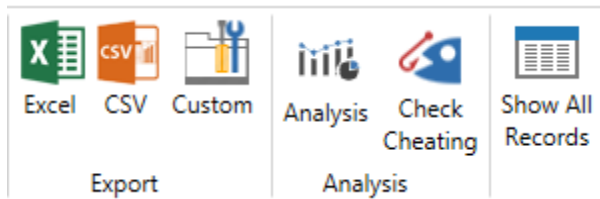
5.7 Data View

Data views are the instances created after filtering the data through a number of queries. User can save the view and can recover the same later on by Save view and Load View functionality.



Select entity for duplicate records

Select entity for which duplicate record is to be found.



5.8 Export Functionality

Excel

This function enables the user to export the data the excel format.

CSV

This function enables the user to export the data the excel format.

Custom

This function enables the user to export the data the desired format ex. SQL, MySQL, Access etc.

5.9 Analysis

Analysis shows the informatory stats in form of Pie Charts or Pictorial Form. For viewing the Analysis adds that entity to analysis in design phase and select in data section as shown below.

Entity Name: Category ▼

Export Survey

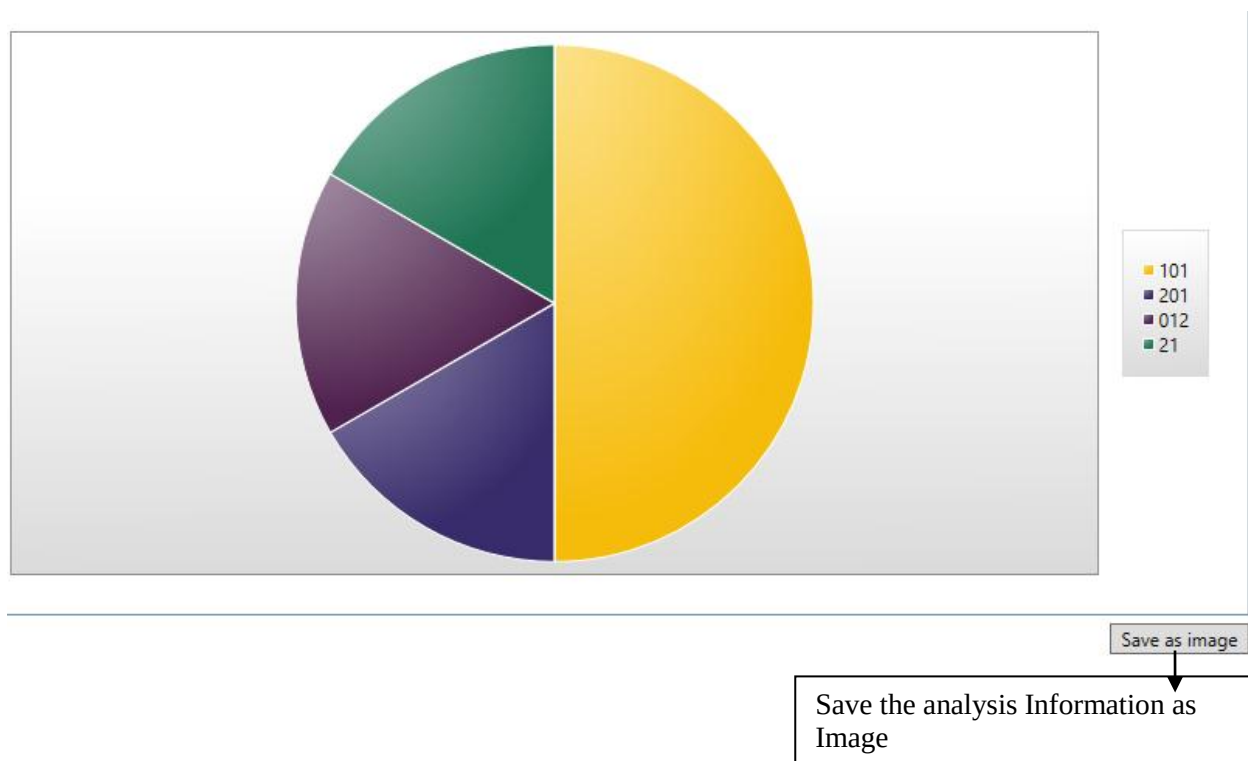
Value	Count
FSO	1
FBO	5

Export to Excel

Export analysis of all entities at once

Select Entity for Analysis

Pictorial Analysis



Show All Records

This will show all records present in the grid. This will act as refresh button.

Publish OMR Data

▼

▼

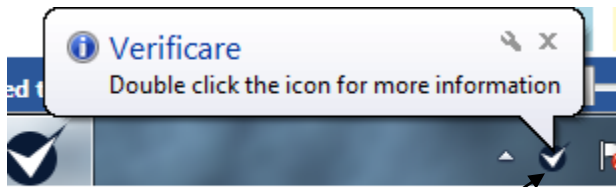
Publish

Publish OMR data

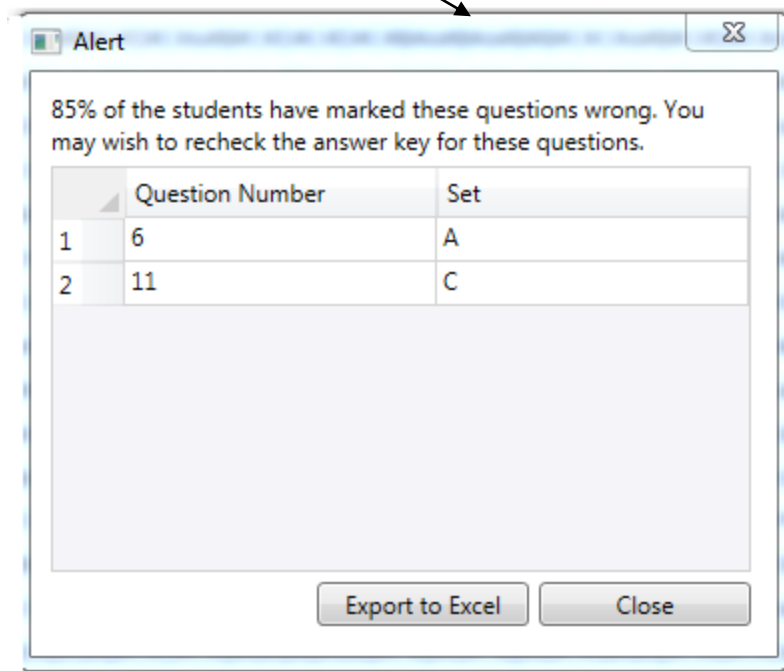
It publishes the data read by Verificare into the Server.

5.10 Answer Key Alter

Message is prompt on windows balloon notification area.



Double click to see the detail



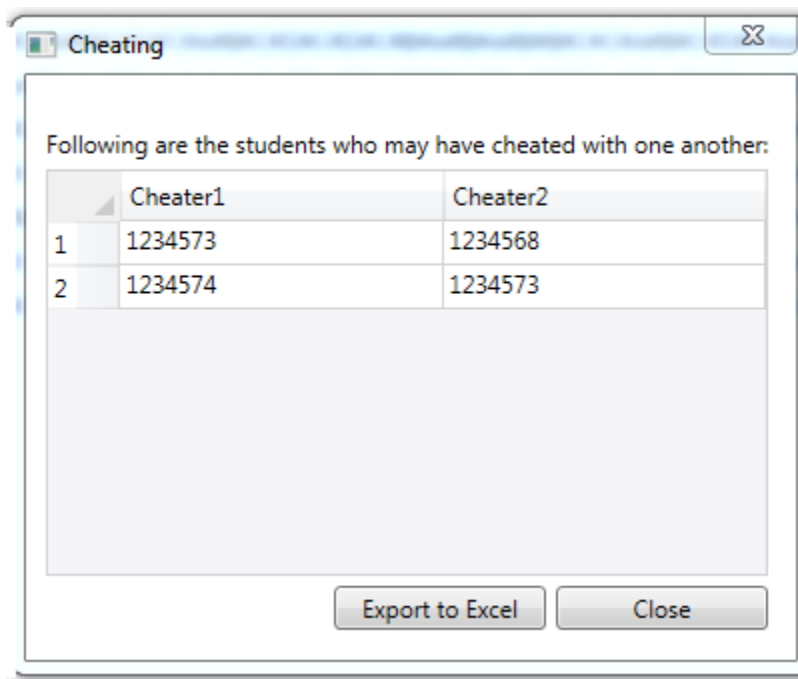
5.11 Check Cheating



Check
Cheating

This module is used to provide a facility which predicts the probability that some student has tried to cheat. It will provide the pair of students who have tried to cheat from each other. The module is based on a strong foundation of logic based on similar no. of wrong questions above a threshold.

This window shows the list of students whose wrong marked options were found same.

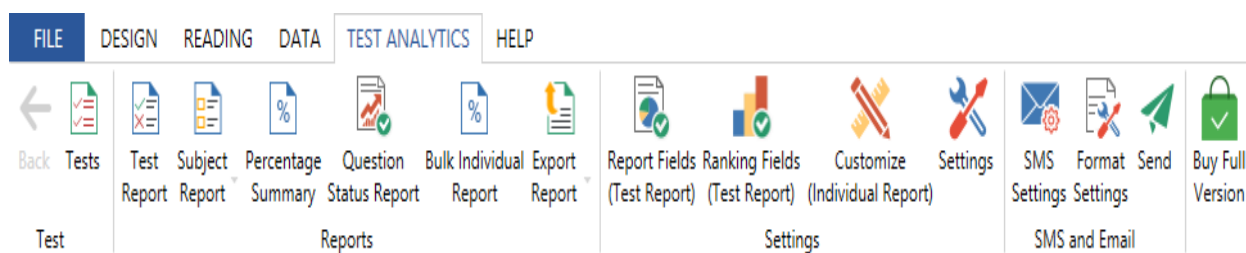


Chapter 6 –Test Analytics

6.1 Test Analytics Basics

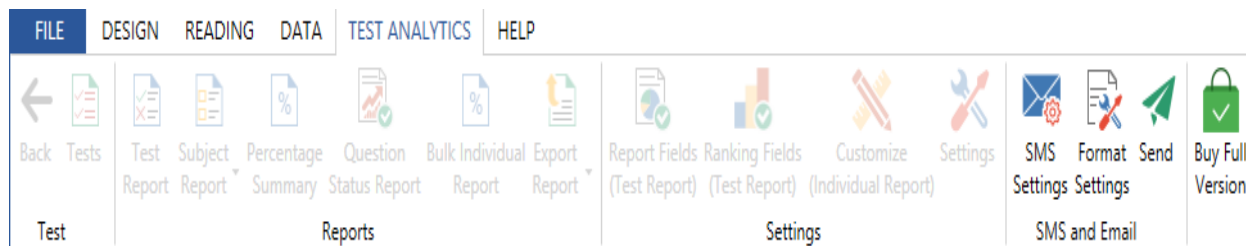
Test Analytics tab enables the user to get the reports in desired format. It provides different type of reports ex. Rank wise, State wise, Region Wise, and Class Wise etc. The reports will be generated corresponding to the selected single template or multiple templates as needed.

⇒ If license of the user has Test Analytics enabled with it, user will be able to use it otherwise following screen will be displayed in Test Analytics tab having the option to buy the Full version.



In this case, user will see all the options in the Test Analytics tab disabled and a Buy TA button, which will redirect the user to the OMRHome site to buy TA.

⇒ If above is not the case, i.e. user has Test Analytics enabled in his licence, following will be his landing screen in the Test Analytics tab.



On landing on TA tab, user will see all the options disabled, but as soon as he creates any test or select an already created test, he will see all the options enabled as follows:

Is Name Entity Check Removed

Earlier, “Name Entity” was mandatory in the template in order to create the report. Now the mandatory check has been removed. If there is any name entity in the template then it will show the name of the candidate in the report, otherwise it will skip it but doesn’t show any error message.

FILEDESIGNREADINGDATATEST ANALYTICSHelp

BackTests

Test ReportSubject ReportPercentage SummaryQuestion Status ReportBulk Individual ReportExport Report

Report Fields (Test Report)Ranking Fields (Test Report)Customize (Individual Report)Settings

SMS SettingsFormat SettingsSendBuy Full Version

Test

Reports

Settings

SMS and Email

ID	Test Name	Test Duration	Total Marks	Minimum Marks	Total Questions	Test Date	Add Pre Data	Map Template	View Test Report	Click to Add
1	Sample Test	40 Minutes	40	10	40	11/10/2016				
2	Sample Test 2	50 minutes	40	10	40	11/10/2016				
3	TA Demo Test	40 Minutes	39	10	40	11/18/2016				

6.2 Test Specific Options

ID	Test Name	Test Duration	Total Marks	Minimum Marks	Total Questions	Test Date	Add Pre Data	Map Template	View Test Report	Click to Add
1	Sample Test	40 Minutes	40	10	40	11/10/2016				

Add Pre Data

This is used to add pre data to the selected test. Pre data is the data which is additional information of the candidates who have given the test. On clicking this button, you will be asked to choose a Excel file in which you have the pre data of the candidates. Once you have selected the excel file, you will see the following screen.

Pre Data

Select Link Field: Roll NoSelect the field which will be used to link the template data with the pre data.

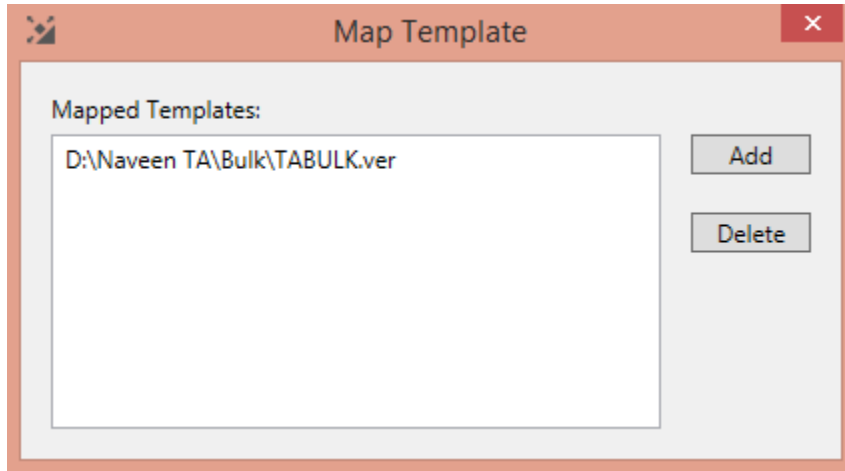
Roll No	Name	QB Number	QB Series	Serial number	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18	F19	F20	F21	F22	F23	F24	F25	F26	F27	F28	F29	F30	F31	F32	F33	F34	F35	F36	F37	F3	
110215035	Vinayaga Moorthy N	6008303	B	154201	A	A	C	A	A	A	D	D	D	A	D	B	A	B	B	D	D	D	A	D	D	D	A	A	A	A	A	C	D	A	A	A	B	
110215036	M Vadivukkarasi	5024319	A	154202	B	D	C	B	A	B	A	B	C	D	C	B	A	B	C	D	A	B	A	B	C	C	B	A	B	A	B	A	D	C	D			
110215038	Somasundram S	5024320	A	154204	B	C	C	D	A	B	B	A	C	A	C	B	B	C	D	B	B	B	C	C	A	D	D	C	A	A	D	B	D	B	C	C		
110215041	D Ambika	6008305	B	154207	A	B	D	C	C	A	D	A	A	D	A	D	B	C	A	B	D	D	C	D	C	D	A	C	B	C	A	D	B	B	D	C	B	
110215042	Balaji K	5024317	A	154208	C	C	C	D	A	B	A	B	D	D	C	A	B	D	A	C	B	A	D	C	D	A	C	A	C	A	D	B	D	C	D	C	C	
110215044	Gokula Lakshmi S	5024318	A	154210	A	C	C	D	A	B	B	A	C	D	C	D	A	C	D	D	A	A	C	C	A	B	D	C	D	A	B	B	A	B	A	C	A	
110215045	Dinesh	6008308	B	154211	A	D	B	C	A	A	D	D	B	D	D	C	B	C	C	B	C	D	A	D	B	C	A	D	C	C	B	D	B	C	A	D	B	
110215046	Venikatesan S	5024314	A	154212	B	C	C	D	A	B	A	A	C	D	B	B	A	B	D	B	A	C	C	A	D	C	C	B	D	C	B	B	A	C	A			
110215047	Loganathan M	6008307	B	154213	B	D	D	C	D	A	C	B	B	A	D	A	B	C	B	B	D	A	C	B	C	D	D	C	A	A	B	A	B	A	A	A		
110215049	Magalai Selvi	6008306	B	154215	D	B	D	A	B	A	D	D	A	D	A	C	B	D	D	D	A	B	D	A	C	B	A	B	C	A	C	C	B	C	B	C	B	
110215050	Pradeep Krishnan	5024311	A	154216	D	C	B	D	C	B	A	A	D	D	D	D	D	D	A	B	A	B	B	C	A	D	B	C	C	C	C	D	A	D	A	A		
110215052	Munia Suresh S	5024312	A	154218	B	C	C	C	A	B	A	D	D	D	B	D	B	C	D	C	A	B	B	C	B	D	D	C	C	A	D	B	B	B	A	C	C	
110215053	Sangeeta S	6008309	B	154219	B	A	A	C	D	A	B	C	A	B	B	D	B	C	C	B	B	D	A	C	B	A	C	C	B	A	D	A	D	B	B	B	B	
110215075	Karthikeyan	5024321	A	154241	D	C	B	B	B	C	D	B	B	D	C	A	A	C	A	C	B	A	A	B	C	C	D	C	B	B	C	D	D	A	A	C	B	
110215076	Meenakshi Sundaram R	6008321	B	154242	B	D	B	B	B	A	B	C	B	B	C	B	C	A	C	B	B	B	C	D	C	A	B	C	A	B	C	A	B	A	D	C	B	
110215077	Ponmozhi S	5024322	A	154243	D	C	D	D	C	B	B	B	A	D	B	B	A	A	A	B	A	A	C	C	A	D	D	C	C	D	D	B	B	B	A	C	C	
110215078	Kasim L	6008322	B	154244	B	D	B	C	B	A	C	B	A	D	A	D	A	A	C	B	B	C	A	A	C	D	A	D	C	D	A	A	B	D	B	D	A	
110215079	Jegadeesh K	5024323	A	154245	D	D	B	D	C	B	B	B	A	D	C	C	A	D	B	D	A	D	A	D	C	D	C	D	C	C	D	B	B	C	A	B	C	A
110215080	B. Prabakaran	6008323	B	154246	D	D	B	C	A	B	B	D	A	D	A	D	A	C	A	B	D	D	A	C	D	C	D	C	B	B	D	A	C	D	D	B	A	
110215081	Thiyaga Rajan C	5024340	A	154247	A	B	C	D	C	A	C	C	A	D	A	B	D	C	B	A	C	B	D	C	D	A	B	D	B	A	C	D	A	C	C	A		
110215082	Nithyanandan V	6008324	B	154248	A	A	C	C	D	B	B	B	C	C	D	D	D	C	A	B	B	D	B	B	D	B	A	B	C	B	B	A	B	B	B	C		
110215084	Kannan K	6008325	B	154250	C	D	C	D	D	B	A	C	D	D	D	C	C	B	A	B	B	C	B	C	B	C	D	C	C	A	A	D	A	B	A	B	C	
110215085	RAJA RAJA CHOZHAN M	5024338	A	154251	D	C	C	D	C	B	A	B	C	A	D	B	D	C	A	C	B	A	C	C	D	D	D	C	B	A	B	C	D	C	B	C	B	
110215086	PONSUBBUKUTTIAYYAN R	6008326	B	154252	C	D	A	C	A	D	A	A	A	D	D	C	A	B	D	C	C	C	C	A	A	B	C	A	C	C	D	C	D	C	A	B		
110215087	P DEEPA	5024337	A	154253	B	A	B	D	A	C	B	A	A	D	B	A	D	B	C	B	B	D	B	A	A	D	D	A	D	B	C	C	D	A	B	C	A	
110215088	M VASANTHA KUMAR	6008327	B	154254	D	A	B	C	B	A	C	D	B	D	D	A	C	A	A	B	C	D	A	A	C	C	D	B	A	A	C	D	B	A	B	C	B	
110215089	B Murugan	5024336	a	154255	B	A	C	D	A	B	C	A	D	C	C	B	D	C	D	C	A	A	C	A	C	A	B	D	C	B	A	D	B	B	A	C	C	
110215090	G SUDHA	6008328	B	154256	A	A	C	C	A	B	B	B	A	B	C	D	B	C	C	B	D	C	A	D	D	C	A	A	C	D	A	A	B	C	A	B	B	
110215092	MUTHUMARI M	6008329	B	154258	A	D	B	C	A	D	C	D	A	D	A	D	B	C	A	A	A	D	A	C	C	C	A	B	C	A	C	D	C	D	C	D	B	
110215093	S MAMMU ASHK	5024334	A	154259	C	B	C	C	C	C	D	B	B	D	C	C	A	A	A	C	A	B	D	C	A	B	A	C	A	B	C	A	D	B	D	C	A	
110215094	J GOPINATH	6008330	B	154260	A	D	A	C	A	B	D	A	A	D	A	D	A	C	B	B	B	D	A	C	C	C	C	B	C	B	A	C	D	C	B	A	B	
110215097	A PRABAKARAN	5024332	A	154263	A	A	C	C	A	C	D	B	B	D	A	A	A	C	A	A	B	D	C	D	D	D	C	C	D	B	D	B	B	B	B	C	A	D

SaveClose

On the top of the window, you will see a drop down, to select the linking field between the pre data and the template.

Map Template

Once you have created the test, you have to map the templates for which you are supposed to generate the reports. On clicking the Map Template button, you will see the following screen.



There are 3 buttons:

- ⇒ **Add:** Click this button to map a .ver file to the test.
- ⇒ **Delete:** Click this button to delete an already mapped template.

Right Click Options for test:

ID	Test Name	Test Duration	Total Marks	Minimum Marks	Total Questions	Test Date	Add Pre Data	Map Template	View Test Report	Click to Add
1	Sample Test	40 Minutes	40	10	40	11/10/2016				
2	Sample Test	Sort A-Z		10	40	11/10/2016				
3	TA D	Sort Z-A		10	40	11/18/2016				
		Delete				Select a date				
		Map Template								
		Pre Data								
		Tag Sheet								

Sort

User can sort the test data on the basis of any column ascending or descending.

Delete

Click this to delete an already created test.

Map Template

Similar to the Map Template button in the grid.

Pre Data

ID	Test Name	Test Duration	Total Marks	Minimum Marks	Total Questions	Test Date	Add Pre Data	Map Template	View Test Report	Click to Add
1	Sample Test	40 Minutes	40	10	40	11/10/2016				
2	Sample			10	40	11/10/2016				
3	TA De			10	40	11/18/2016				
						Select a date				

Sort A-Z

Sort Z-A

Delete

Map Template

Pre Data

Tag Sheet

Add Pre Data

Show Pre Data

Remove Pre Data

There are three options under pre data in context menu i.e. Add Pre Data ,Show Pre Data and Remove Pre Data.

Add Pre Data will behave similar to the Add Pre Data button in the grid.

Show Pre Data will show the already added Pre Data in the window which is shown above.

Remove Pre Data will remove the existing Pre data.

Tag Sheet

Tag sheet is an excel file which contains detailed information about every question in the test. It will contain the coloum, QNO, LEVEL, SECTION, TOPIC.

ID	Test Name	Test Duration	Total Marks	Minimum Marks	Total Questions	Test Date	Add Pre Data	Map Template	View Test Report	Click to Add
1	Sample Test	40 Minutes	40	10	40	11/10/2016				
2	Sample			10	40	11/10/2016				
3	TA De			10	40	11/18/2016				
						Select a date				

Sort A-Z

Sort Z-A

Delete

Map Template

Pre Data

Tag Sheet

Sample Tag Sheet

Add Tag Sheet

Remove Tag Sheet

Sample Tag Sheet will download the format of the tag sheet excel file which is required by the Verificare to generate reports from the data present in it.

Add Tag Sheet will ask you to add an excel file which contains all the data in required format. On successful addition of tag sheet, you will get a confirmation message saying “Tag Sheet has been successfully added.”

Sample Sheet for Format of tag sheet

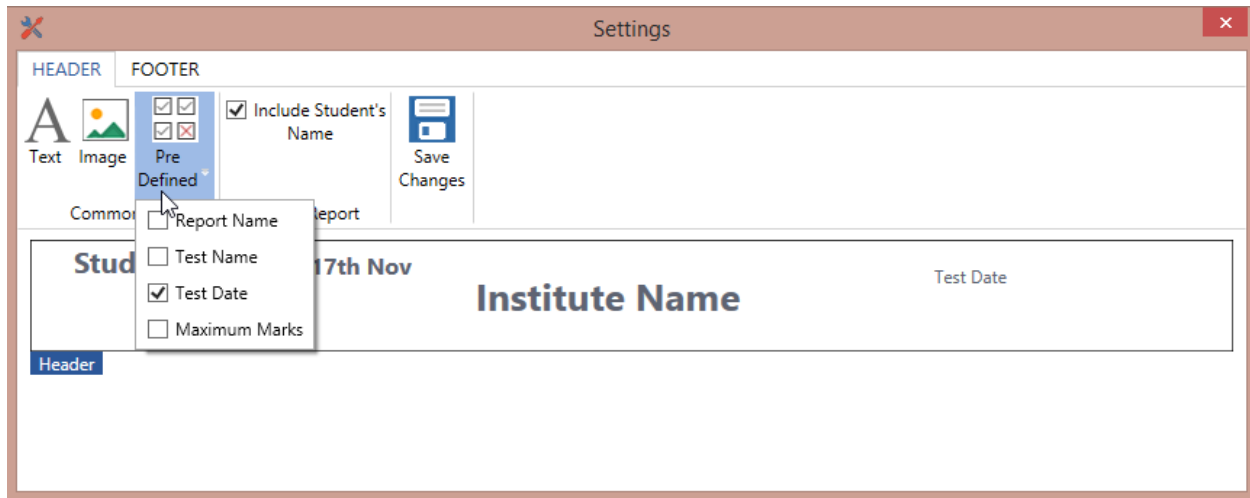
	A	B	C	D
1	QNO	LEVEL	SECTION	TOPIC

Remocve Tag Sheet is used to remove the tag sheet attached earlier.

6.3 Header Footer Settings.

User can choose its own customized header and footer settings for report pages. These settings will be applicable to all the pages of all the reports. On clicking the settings button, following window will open. You can customize the header and footer settings as follows.

Header



The screenshot shows the 'Settings' window with the 'HEADER' tab selected. The 'Pre Defined' dropdown menu is open, displaying the following options:

- ☐ Report Name
- ☐ Test Name
- ☒ Test Date
- ☐ Maximum Marks

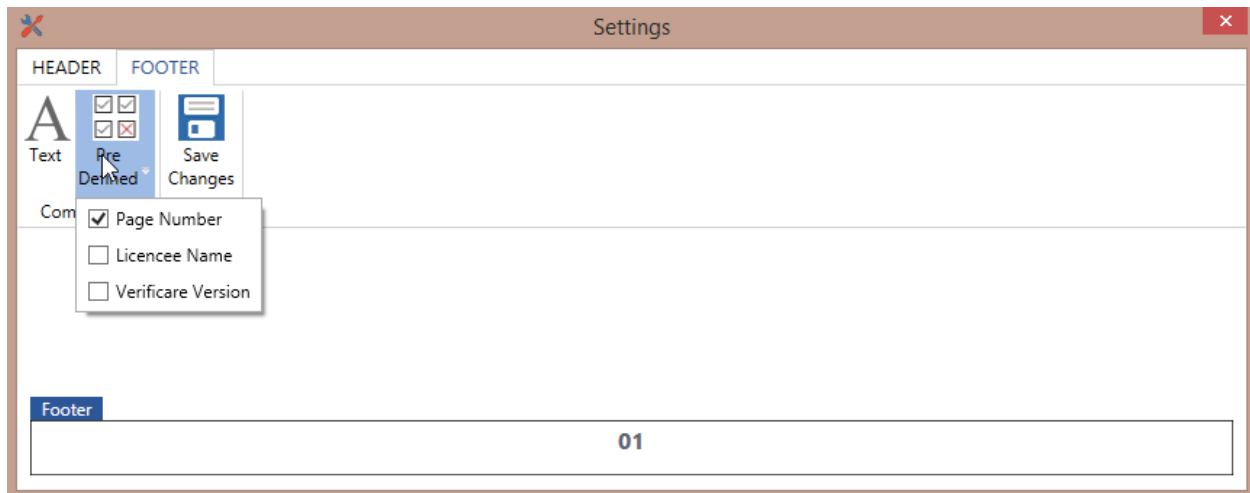
The header preview area displays the following content:

Student 17th Nov Institute Name Test Date

Pre Defined

These are the fields that we provide for the report.

Footer



The screenshot shows the 'Settings' window with the 'FOOTER' tab selected. The 'Pre Defined' dropdown menu is open, displaying the following options:

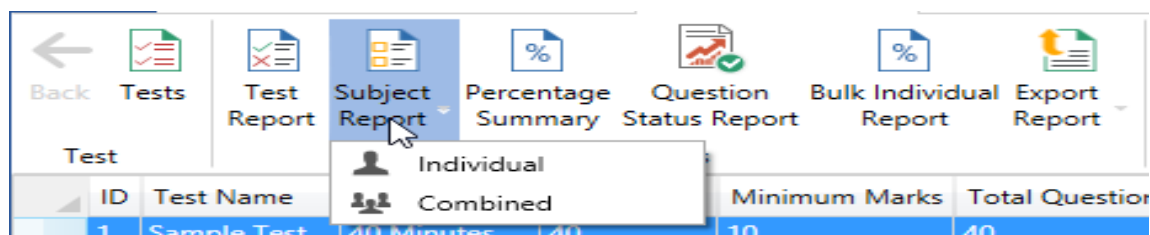
- ☒ Page Number
- ☐ Licencee Name
- ☐ Verificare Version

The footer preview area displays the following content:

01

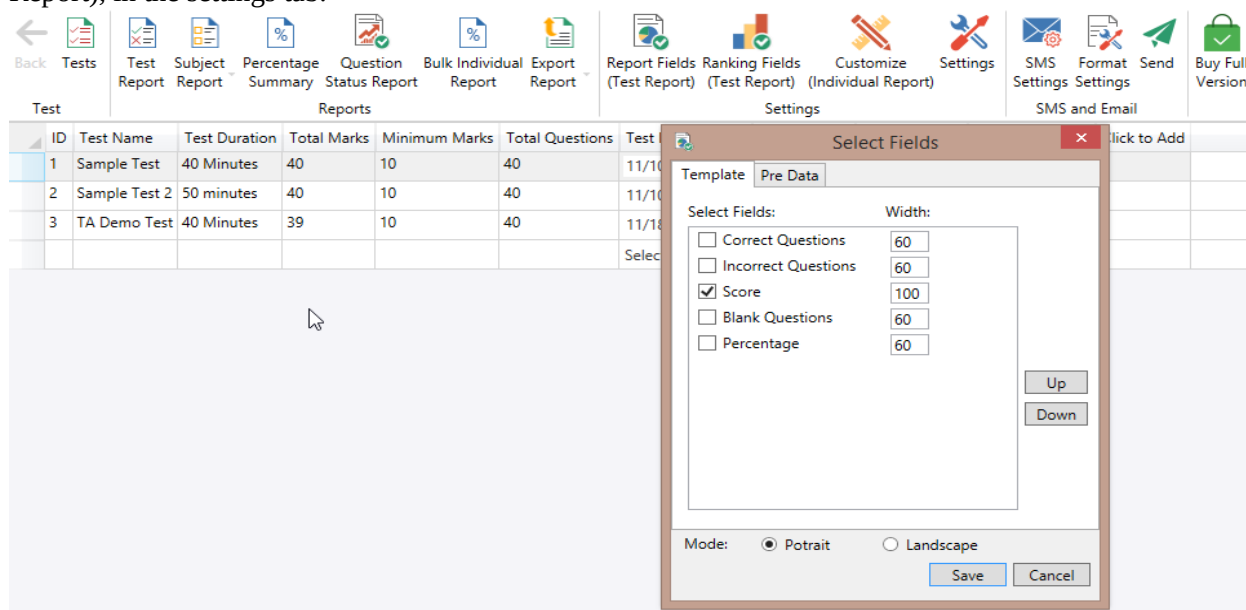
6.4 Types of Reports

We have following types of reports in Test Analytics:

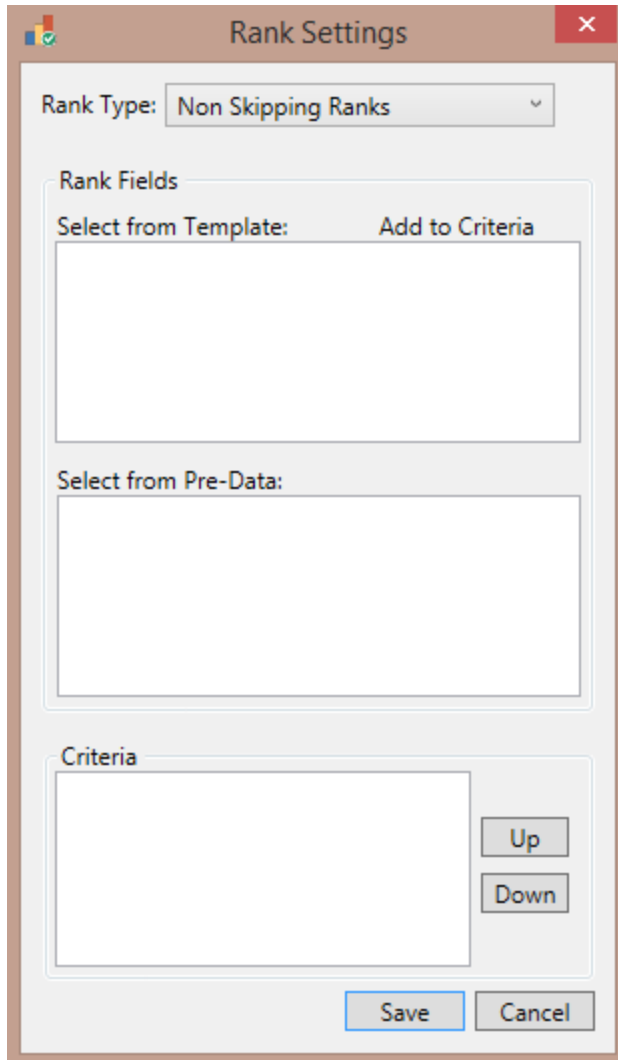


6.4.1 Test Report

Test Report is the report in which you will see the details of every student record wise, with the columns selected by the user. You can select the columns and set their width from the button Report Fields(Test Report), in the settings tab.



In Test Report, you can even select the fields on which you want the ranks to displayed. For eg. City rank, State Rank etc.

The image shows a 'Rank Settings' window with a title bar containing a logo and a close button. Inside the window, there is a 'Rank Type' dropdown menu set to 'Non Skipping Ranks'. Below this is a 'Rank Fields' section with two sub-sections: 'Select from Template:' and 'Add to Criteria', each followed by a large empty text box. Below these is a 'Select from Pre-Data:' section with another large empty text box. At the bottom of the window is a 'Criteria' section with a large empty text box and two buttons, 'Up' and 'Down', to its right. At the very bottom of the window are 'Save' and 'Cancel' buttons.

Click on the button Ranking Fields(Test Report) to see the Rank Settings window. Following are the options in this window:

Rank Type

Skipping Ranks:

This mode will skip the rank and will provide same rank to candidates at same score. For Example 4 student having the following marks ex 10,20,20,25. So their ranks will be 4, 2, 2, 1(Rank 3 skipped) respectively.

Non Skipping Ranks:

This mode doesn't skip ranks and will assign the ranks in normal way. The rank distribution for above case is as follows 3,2,2,1 respectively.

Select Fields for ranking.

User can select the fields on which he wants to see the ranks like City, State, School etc.

Criteria

This is useful in case 2 candidates get same marks. Then to decide their unique ranks, user can select the criteria field. **Higher value in criteria field means lower rank.** User can select any number of criteria fields. Also he can also set the order of the criteria fields which will be used to decide the unique ranks.

Following is sample Test Report.

17th Nov

Institute Name

TEST DATE : 11/18/2016

S. No.	Rank	Roll No	Name	Score	Percentage
1	1	15481	Seema Sharma	20.75	53.21%
2	2	78658	Naveen Kaushik	18.75	48.08%
3	3	25646	Abhishek Sharma	17.00	43.59%
4	4	54365	Parteek Gupta	16.50	42.31%
5	5	34354	Karan Singh	14.75	37.82%
6	5	13465	Shiv Kumar	14.75	37.82%
7	6	65468	Manoj Kaushik	14.50	37.18%
8	7	46545	Poonam Bhisht	13.50	34.62%
9	7	42122	Rohit Sharma	13.50	34.62%
10	8	51123	Ritu	13.25	33.97%
11	8	46565	Harikesh Tiwari	13.25	33.97%
12	9	14555	Suresh	13.00	33.33%
13	9	31212	Vivek Kaushik	13.00	33.33%
14	9	45645	Ajay Raj	13.00	33.33%

User can also see the test report data in the grid by simply double clicking row header of the test for which he wants the Test report. Row header is following in the grid.

ID	Test Name	Test Duration	Total Marks	Minimum Marks	Total Questions	Test Date	Add Pre Data	Map Template	View Test Report	Click to Add
1	Sample Test	40 Minutes	40	10	40	11/10/2016 15	...	...	...	
2	Sample Test 2	50 minutes	40	10	40	11/10/2016 15	...	...	...	
3	Sample Test 3	45 minutes	39	10	40	11/18/2016 15	...	...	...	
						Select a date 15	...	...	...	

On double clicking, following window will appear.

FILE

DESIGN

READING

DATA

TEST ANALYTICS

HELP

Back

Tests

Test Report

Subject Report

Percentage Summary

Question Status Report

Bulk Individual Report

Export Report

Report Fields
(Test Report)

Ranking Fields
(Test Report)

Customize
(Individual Report)

Settings

SMS Settings

Format Settings

Send

Test

Reports

Settings

SMS and Email

S NO	Rank	Roll No	Name	Score	Individual Report
1	1	15481	Seema Sharma	20.75	...
2	2	78658	Naveen Kaushik	18.75	...
3	3	25646	Abhishek Sharma	17.00	...
4	4	54365	Parteek Gupta	16.50	...
5	5	34354	Karan Singh	14.75	...
6	5	13465	Shiv Kumar	14.75	...
7	6	65468	Manoj Kaushik	14.50	...
8	7	46545	Poonam Bhisht	13.50	...
9	7	42122	Rohit Sharma	13.50	...
10	8	51123	Ritu	13.25	...
11	8	46565	Harikesh Tiwari	13.25	...
12	9	14555	Suresh	13.00	...
13	9	31212	Vivek Kaushik	13.00	...
14	9	45645	Ajay Raj	13.00	...
15	9	34535	Girdhari	13.00	...
16	9	54321	Mamta	13.00	...
17	9	23154	Moni Bhardwaj	13.00	...
18	10	45423	Srisant Dubey	12.75	...

6.4.2 Subject Report.

This report will show report of each student and its marks, Correct Ques, Incorrect Ques and Marks and Rank in every subject.

It can be seen in two variants. One in Combined for all students and other is individual for single student..

⇒ In Combined, report of all students is shown after one another as follows

Roll No	Name	Subject	CorrectQ	IncorrectQ	BlankQ	Total	Rank
15481	Seema Sharma	Hindi	6	4	0	5	4
		English	8	2	0	7.5	1
		Math	5	4	1	4	4
		Science	2	2	1	1.5	3
		Trico	3	1	0	2.75	2
Total Marks : 20.75			Test Rank : 1				
78658	Naveen Kaushik	Hindi	3	2	5	2.5	10
		English	8	2	0	7.5	1
		Math	6	2	2	5.5	1
		Science	2	2	1	1.5	3
		Trico	2	1	1	1.75	3
Total Marks : 18.75			Test Rank : 2				
25646	Abhishek Sharma	Hindi	8	1	1	7.75	1
		English	4	5	1	2.75	11
		Math	2	5	3	0.75	10

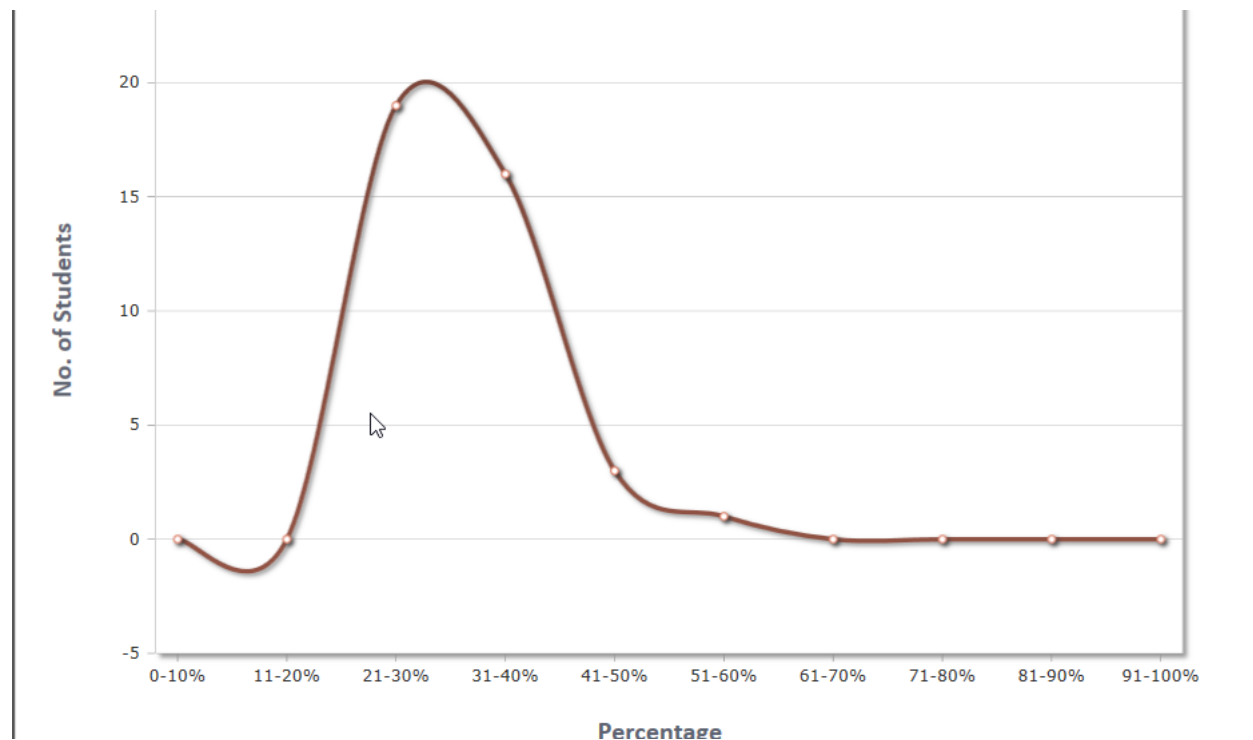
⇒ In Individual , report of each student is shown in a separate page as follows:



Roll No	Name	Subject	CorrectQ	IncorrectQ	BlankQ	Total	Rank
15481	Seema Sharma	Hindi	6	4	0	5	4
		English	8	2	0	7.5	1
		Math	5	4	1	4	4
		Science	2	2	1	1.5	3
		Trico	3	1	0	2.75	2
Total Marks : 20.75		Test Rank : 1					

6.4.2 Percentage Summary

Test Summary is a report in which a graph shows the number of students who have scored the marks in 0-10%, 11-20%, 21-30% and so on. It shows like:



6.4.3 Question Status Report

In this report, an excel file is generated. This excel file contains each and every response of each student, total number of correct, incorrect and blank of of each question and at the end it sums up the total marks of every student. The excel file looks like:

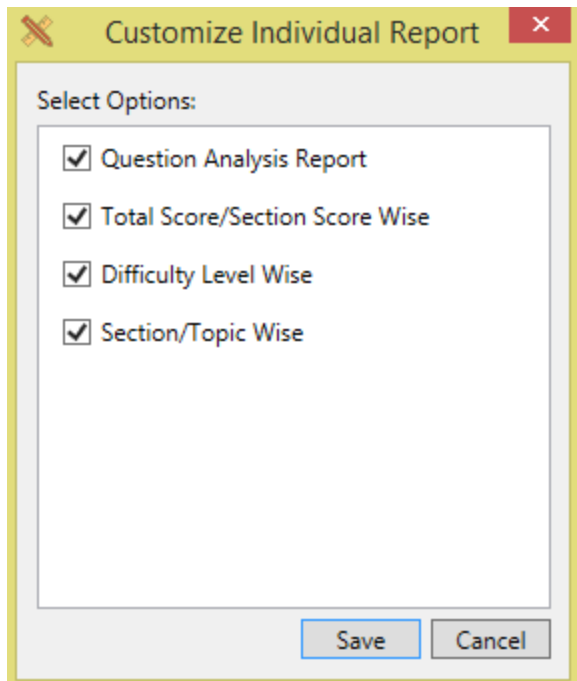
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	STDID	STNAME	SET	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
2		ANSWER	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
3		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
4	15481	Seema Sh	A	A	D	C	A	D	A	A	A	D	B	A	A	B	A	A
5	78658	Naveen K	A	x	A	x	A	x	A	x	B	x	C	A	A	A	A	B
6	25646	Abhishek	A	A	A	A	A	x	A	D	A	A	A	D	A	D	A	A
7	54365	Parteek G	A	A	B	A	A	B	A	A	A	A	A	D	D	A	B	
8	34354	Karan Sing	A	x	A	B	A	x	B	A	A	x	C	A	A	D	A	x
9	13465	Shiv Kume	A	x	A	A	A	x	D	A	A	x	D	A	A	A	B	A
10	65468	Manoj Kat	A	A	B	A	D	x	x	A	A	A	x	A	B	D	A	A
11	46545	Poonam B	A	A	A	A	D	A	x	A	B	A	x	A	B	D	A	A
12	42122	Rohit Shar	A	x	A	A	C	x	D	A	A	x	D	A	A	D	B	A
13	51123	Ritu	A	x	A	A	C	x	B	A	A	x	A	A	A	D	A	A
14	46565	Harikesh T	A	A	B	A	D	A	x	A	B	A	x	x	A	D	A	A
15	14555	Surabh	A	x	A	D	C	x	D	A	A	x	C	A	A	D	A	A

6.4.4 Bulk Individual Report.

Individual Report is a very detailed analysis on a single student. User selects the student and its individual report is shown. Individual report broadly contains 4 sections

- ⇒ Question Analysis Report
- ⇒ Total Score wise
- ⇒ Difficulty Level wise
- ⇒ Section wise

User can choose out of above mentioned sections, which sections does he want to include in the individual report. He can do this by clicking Customize (Individual Report) button. Following window will open on clicking the button.



In this window, select the sections user wants and save it. And when he generates the individual report, only those sections will be seen.

To see the individual report, user has to click the Individual report button in the test report grid. It is shown as below.

FILE DESIGN READING DATA TEST ANALYTICS HELP											
Back Tests		Test Report	Subject Report	Percentage Summary	Question Status Report	Bulk Individual Report	Export Report	Report Fields (Test Report)	Ranking Fields (Test Report)	Customize (Individual Report)	Settings
Test		Reports						Settings		SMS and Email	
	ID	Test Name	Test Duration	Total Marks	Minimum Marks	Total Questions	Test Date	Add Pre Data	Map Template	View Test Report	Click to Add
	1	Sample Test	40 Minutes	40	10	40	11/10/2016 15	...	...	...	
	2	Sample Test 2	50 minutes	40	10	40	11/10/2016 15	...	...	...	
	3	TA Demo Test	40 Minutes	39	10	40	11/18/2016 15	...	...	...	
							Select a date 15	...	...	...	

These are the individual Report Samples

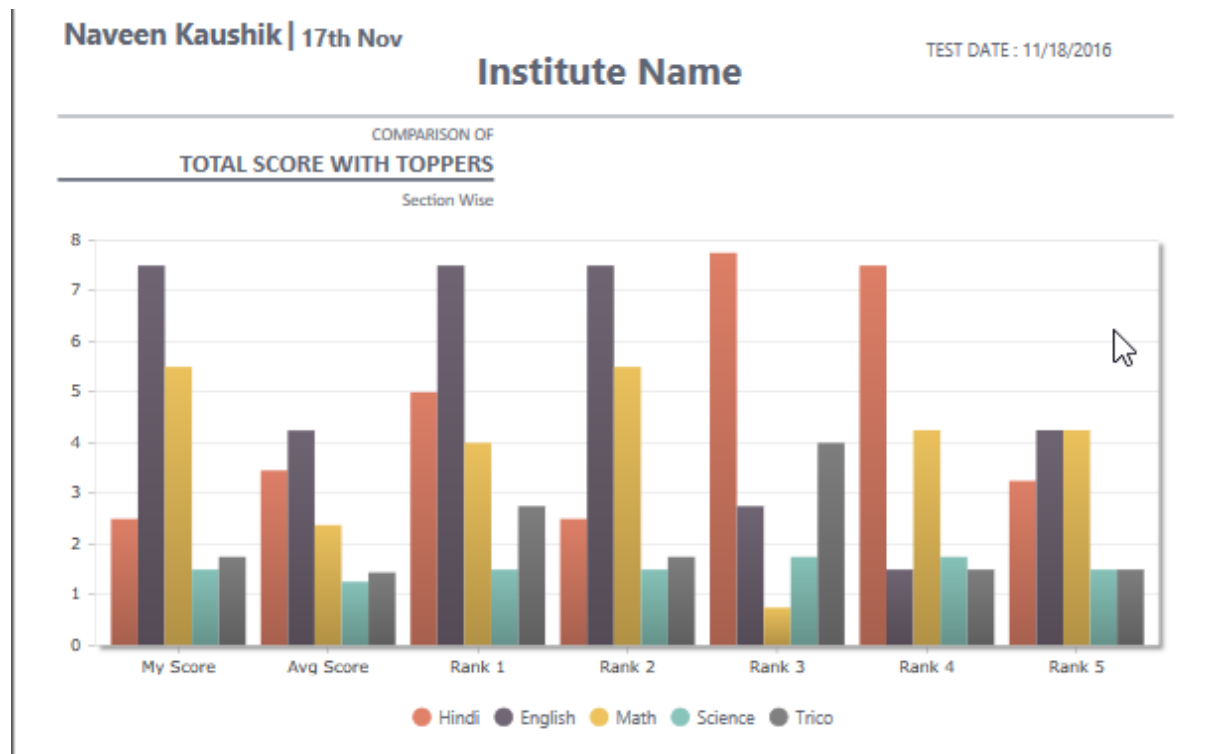
Question Analysis Report

This report contains the information about the question and their difficulty level, subject, topic they belong to etc.

Q.NO.	ATT%	C%	I%	LEVEL	SECTION	TOPIC	MRK	NEG	KEY	ANS	RES	SCORE
1	25.6	25.6	00.0	Easy	Hindi	Grammar	1	0.25	A		-	0
2	97.4	82.1	15.4	Normal	Hindi	Grammar	1	0.25	A	A	✓	1
3	94.9	41.0	53.8	Tough	Hindi	Grammar	1	0.25	A		-	0
4	100.0	23.1	76.9	Easy	Hindi	Sangya	1	0.25	A	A	✓	1
5	20.5	20.5	00.0	Normal	Hindi	Varnmala	1	0.25	A		-	0
6	82.1	33.3	48.7	Tough	Hindi	Grammar	1	0.25	A	A	✓	1
7	94.9	74.4	20.5	Easy	Hindi	Grammar	1	0.25	A		-	0
8	94.9	74.4	20.5	Normal	Hindi	Grammar	1	0.25	A	B	✗	-0.25
9	35.9	35.9	00.0	Tough	Hindi	Sangya	1	0.25	A		-	0
10	87.2	12.8	74.4	Easy	Hindi	Varnmala	1	0.25	A	C	✗	-0.25
11	94.9	69.2	25.6	Normal	English	Alphabets	1	0.25	A	A	✓	1
12	100.0	66.7	33.3	Tough	English	Easy	1	0.25	A	A	✓	1
13	100.0	17.9	82.1	Easy	English	Writing	1	0.25	A	A	✓	1
14	97.4	79.5	17.9	Normal	English	Alphabets	1	0.25	A	A	✓	1
15	97.4	79.5	17.9	Tough	English	Writing	1	0.25	A	B	✗	-0.25
16	100.0	33.3	66.7	Easy	English	Alphabets	1	0.25	A	C	✗	-0.25
17	92.3	20.5	71.8	Normal	English	Alphabets	1	0.25	A	A	✓	1
18	64.1	59.0	05.1	Tough	English	Easy	1	0.25	A	A	✓	1
19	84.6	07.7	76.9	Easy	English	Writing	1	0.25	A	A	✓	1
20	100.0	92.3	07.7	Normal	English	Alphabets	1	0.25	A	A	✓	1
21	82.1	38.5	43.6	Tough	Math	Sets	1	0.25	A	A	✓	1
22	100.0	07.7	92.3	Easy	Math	Algebra	1	0.25	A	B	✗	-0.25
23	100.0	71.8	28.2	Normal	Math	Interest	1	0.25	A	A	✓	1
24	97.4	51.3	46.2	Tough	Math	Trigonometric	1	0.25	A	A	✓	1

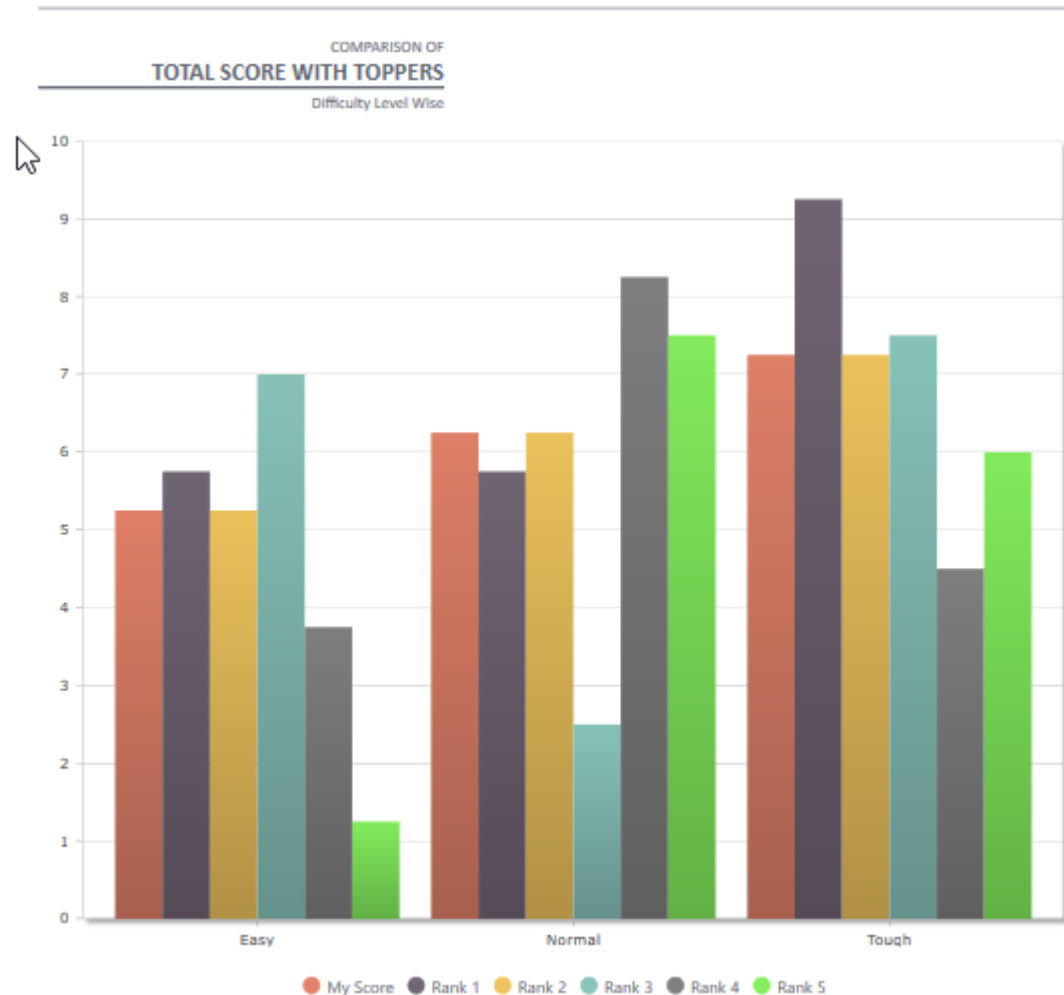
Total Score/Section Wise Score

This Report is about the total score and sectional score comparison.



Difficulty Level Wise Report

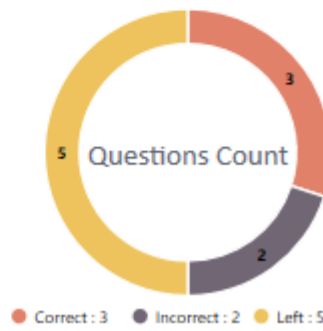
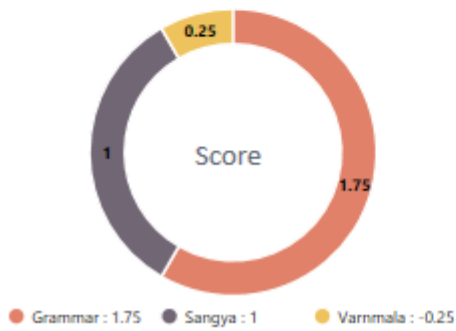
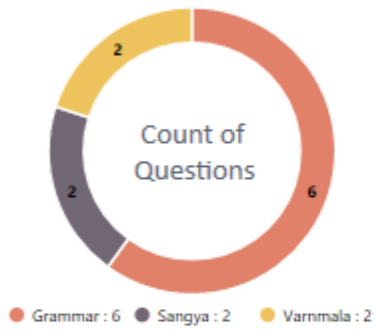
This report is used to plot the figures according to the difficulty levels.



Section or Topic Wise

This report is used to plot the figures as per the sections or Topic given In the report. Subject or section wise distribution of the question is given in below picture.

DISTRIBUTION OF
QUESTIONS IN HINDI



6.5 SMS and Email Facility



6.5.1 SMS Settings

This functionality is used to set the Configuration details of parametere required to send the message succesfully. The user can add his credentials for this if he have any.

A screenshot of the 'SMS Settings' dialog box. It has a title bar with a close button. The dialog contains several text input fields, each with a label followed by an asterisk indicating it is mandatory. The fields are: Message URL, Balance URL, User Variable, User Name, Password Variable, Password, Sender ID Variable, Sender ID, Mobile No. Variable, SMS Variable, and Other Variable. At the bottom left, there is a legend '*Mandatory Fields'. At the bottom right, there are 'Save' and 'Cancel' buttons.

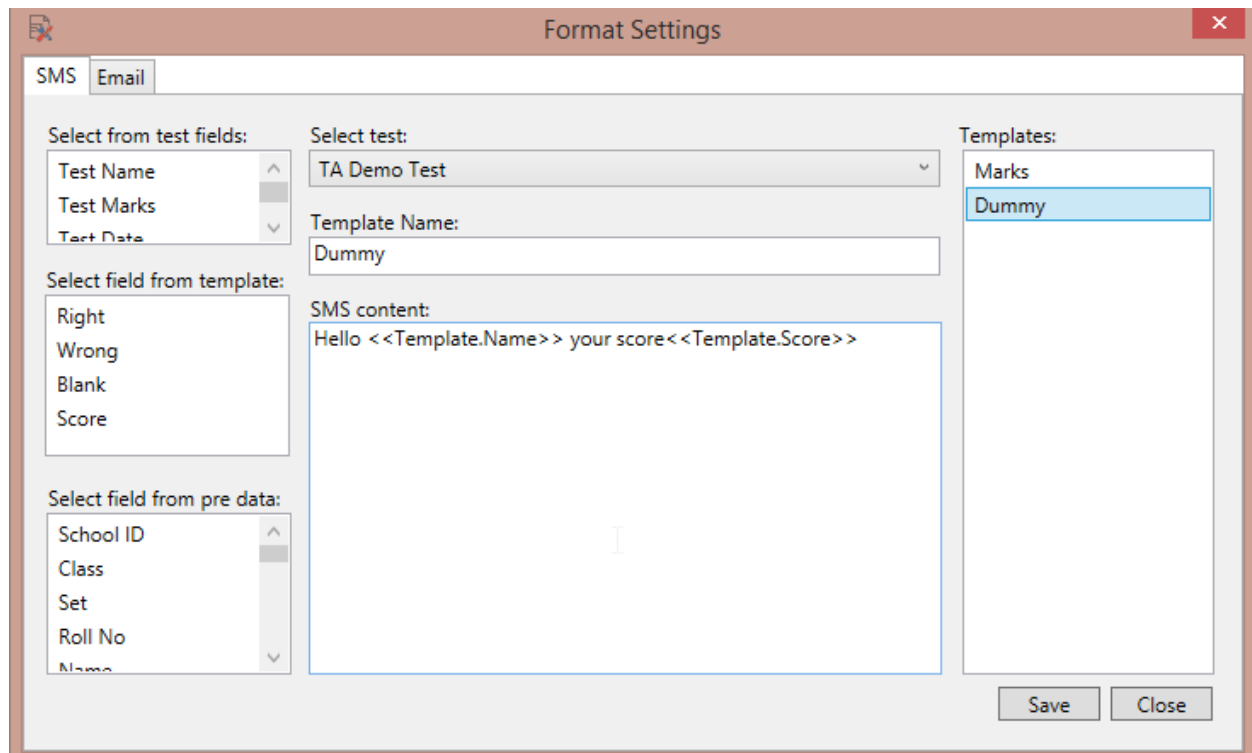
Message URL:*	
Balance URL:*	
User Variable:*	
User Name:*	
Password Variable:*	
Password:*	
Sender ID Variable:*	
Sender ID:*	
Mobile No. Variable:*	
SMS Variable:*	
Other Variable:	

*Mandatory Fields

Save Cancel

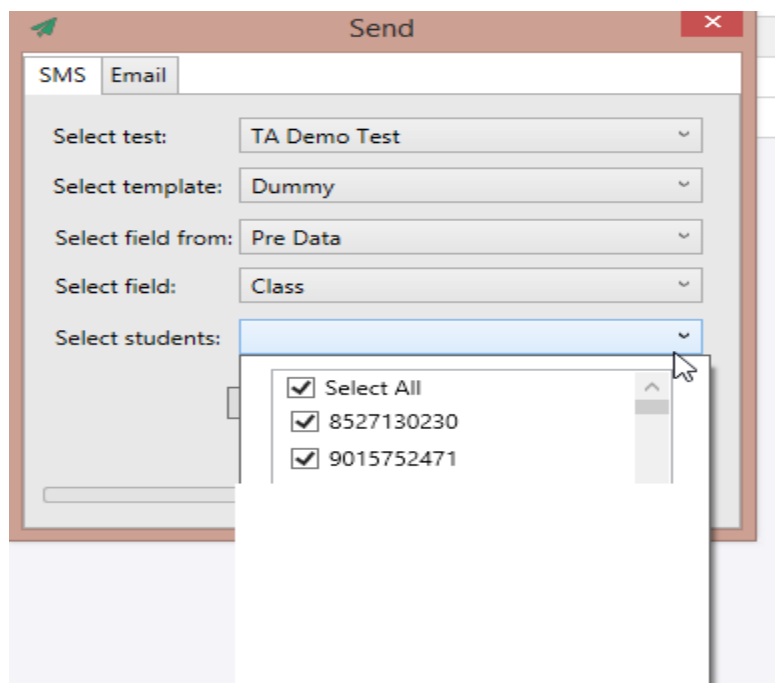
6.5.2 Format Setting

This feature is used to set the content format which is to be send as a message. Select the test and tempate name. Write the content and insert the desired fields from the given option either from the given template or peredata or test filed. Fom a content and this will act as a general message to be sent woth dynnamic values.



6.5.3 Send

This feature is used to send the message to targeted audience. The provided options are self-explanatory.

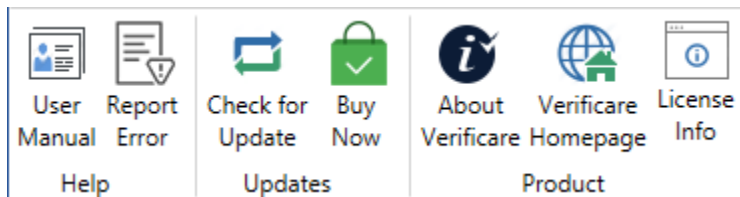


Chapter 7 –Help

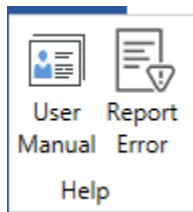
7.0 Help Basics

Help tab will help user to view demo, study guidelines, registering the product and concern the manual in case of any conflict in understanding.

7.1 Help Tab Tools



Tools Explained



User Manual

View user Manual for guidelines about how the Verificare is working. Everything is explained in the manual.

Report Error

Submit Error, it will reach to us and help us to modify the software.



Check for Updates

Hit here to view the updates .User will be notified about the same if updates are available.

Buy Now

The software of required version can be bought from here.



About Verificare

It provides the basic information about Verificare like which version and which type of Verificare the user is currently using.

Verificare Homepage

Verificare homepage will direct the user to our server and will show the homepage of Verificare.

License Info

This feature tells user about the License key for which the solutions is being used.