

“Intact” is a software development firm which provides Software solution, Hardware & Networking solution and Training to the software professionals and students. Its aim to deliver not only software to the customer but provides training to the end users unless and until they satisfied with proper functioning. It had developed many application software [**ICOS(Intact College Office System), College Payroll System, AutoLib(Library Management System)**] and websites which are more reliable, accurate and complete.

About product

idGen

“idGen” is a windows based application software which is able to generate ID-Cards of different types quickly and easily. It is completely customizable software where one can customize the card layout, and content of card according to their organization needs. Using this software one can generate different types of attractive card like Identification Card, Library Cards, Gate Pass and Business Cards etc.

Installation Process

Before installation your system should have following software installed:

1. Windows-XP or later.
2. MS Excel
3. SQL Server 2000 or higher version which one is supported by your Operating System.
4. .Net Framework

Software Installation steps:

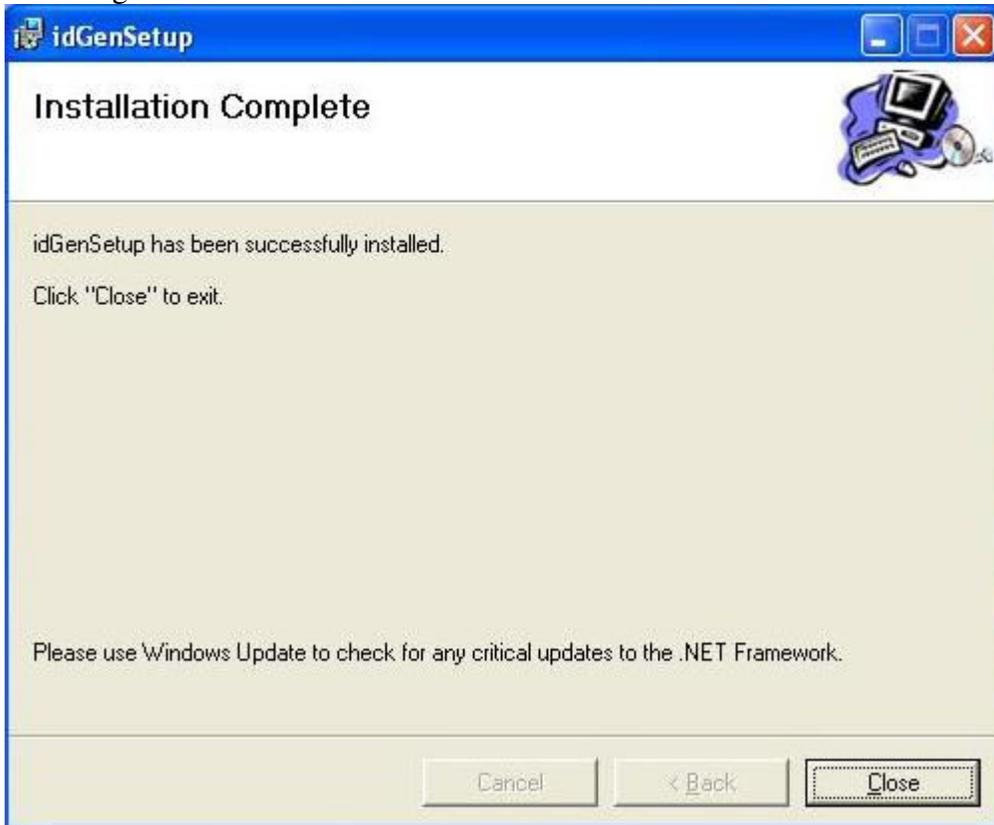
Explore CD/Folder having idGen software.
Go to the folder idGenSetup/Debug.
Double click on the Icon.



You will get following window.



Follow the instructions while pressing Next Button and at last press Close Button in following window.



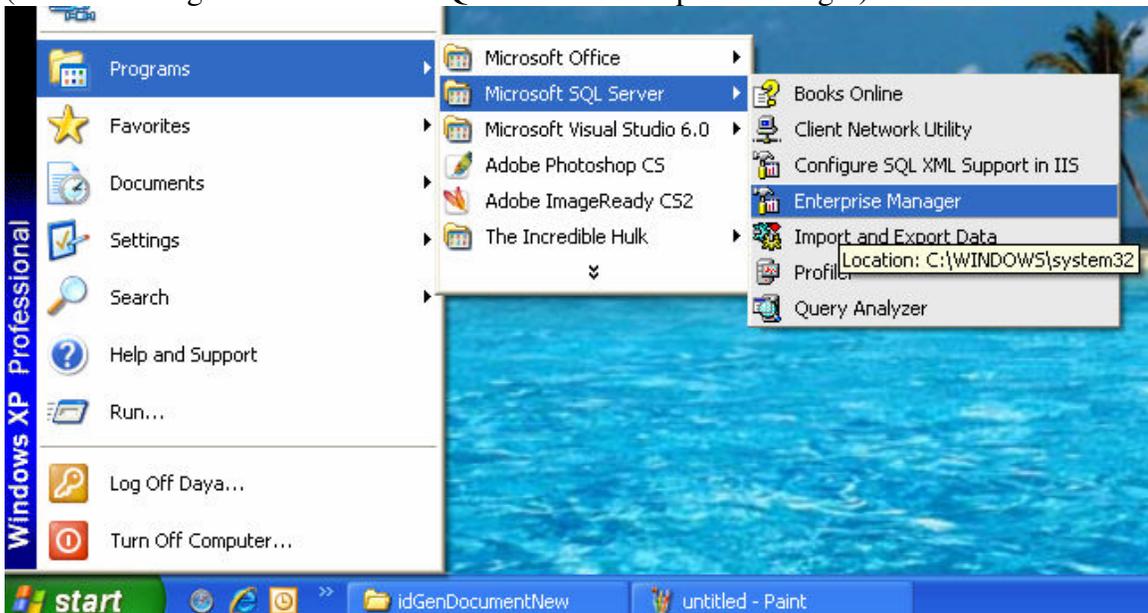
Now your software installation is complete.

Now the Software Icon  is visible on your desktop.

Database Installation steps:

Now go to the SQL Server Enterprise Manager window.

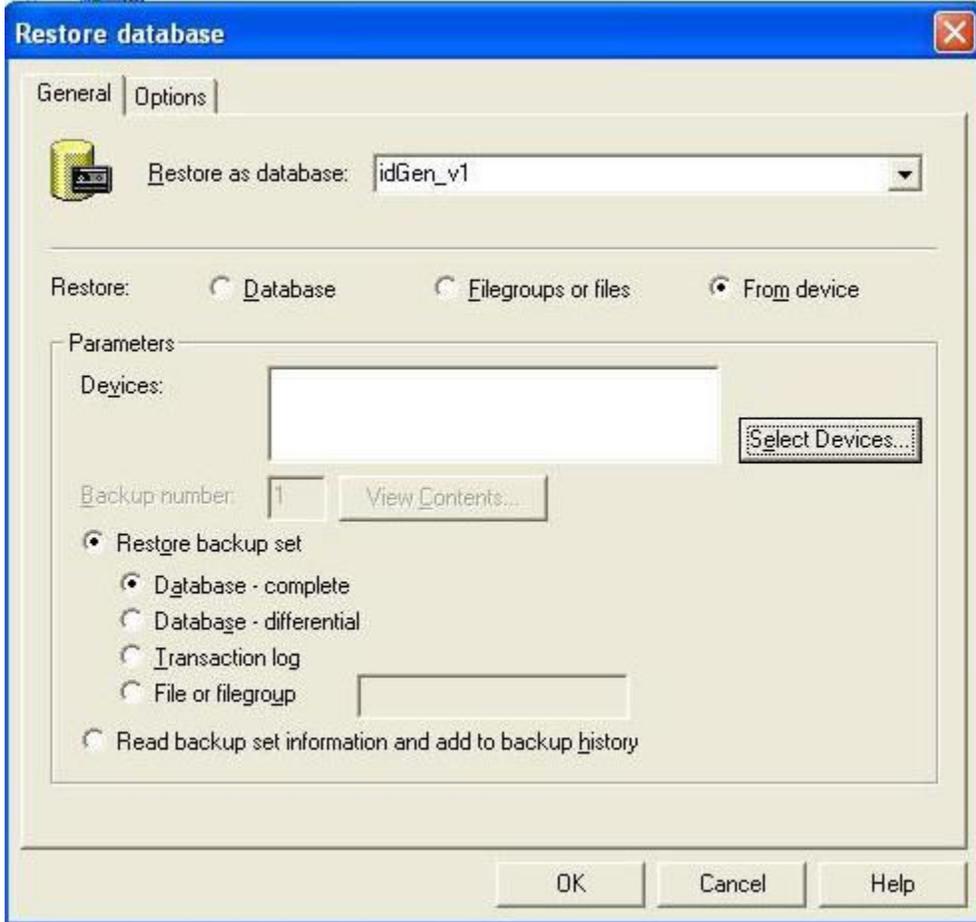
(ie. Start->Programs->Microsoft SQL Server->Enterprise Manager)



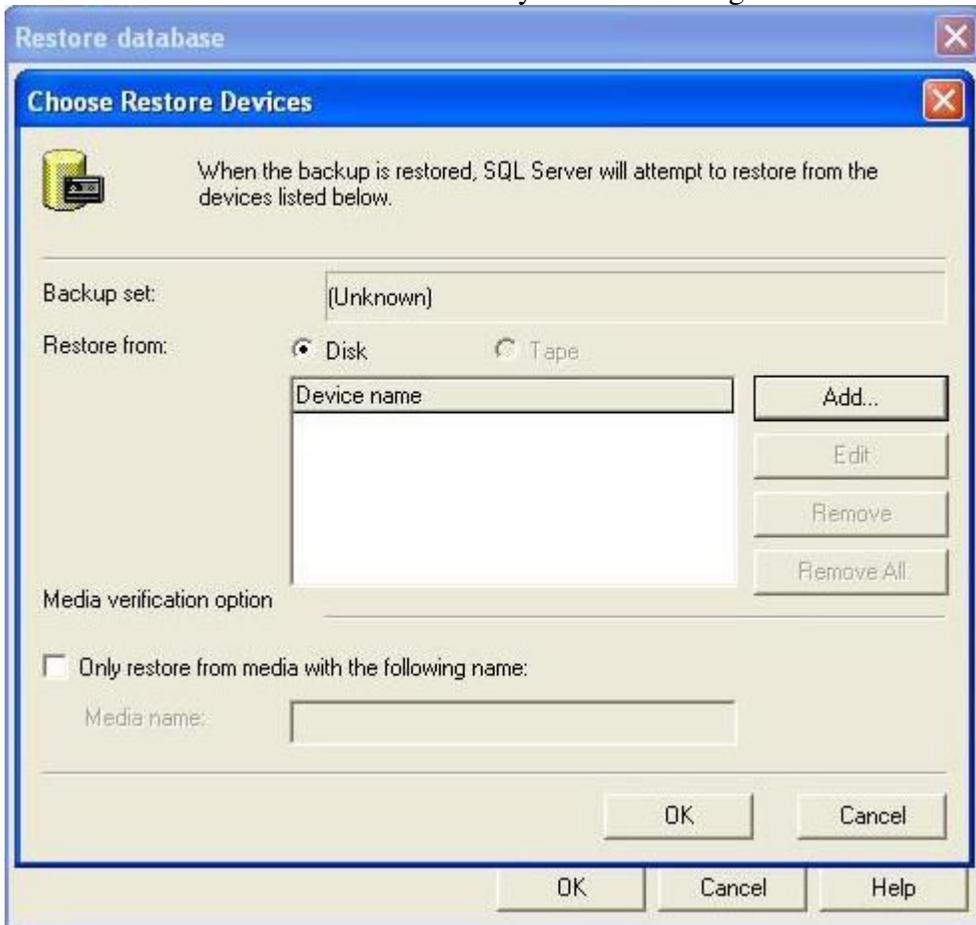
Now you will find the following window:



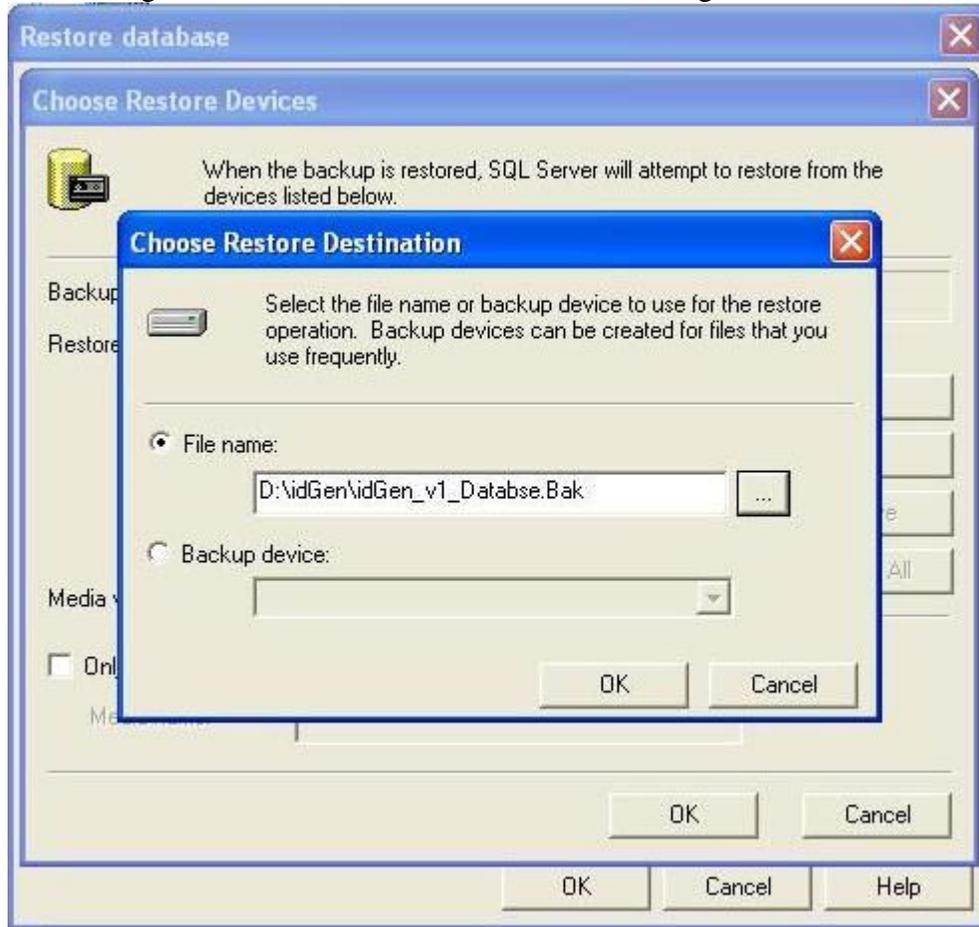
Now right click on the Database item a shortcut menu will come then select: “All Tasks->Restore Database” menu. A following window will open:



Now fill and check every items on the window same as the above and click on the button “Select Devices...”. It will show you the following window:



On clicking “Add...” button it will show the following window:



Now click on the button “...” to explore the database backup file (typically named as idGen_v1.....bak) on your CD/Folder with software. Now select the database file and click OK Button. Now you will see the complete path of your database file in the File Name text box in the window.

Now click on the OK button of “Choose Restore Destination” Window.

Now click on the OK button of “Choose Restore Devices” Window.

Wait for few moments and then your database is completely installed and it will display the following message.



Close all the opened window and come on desktop.

Note: To know the path of your software (**Software Path**) right click on the icon of your software on desktop and then go to item Property of shortcut menu. In software Path you will find a ConnectionString.txt file. If your database is on another window server then change the text “**Data Source=.**” as “**Data Source=<Host Name of the server>**” in this file. Now save & close it.

Installing Font for Barcode.

Simply copy following two files provided with software



And paste in C:\WINDOWS\Fonts folder.

Now installation is complete.

Working Process

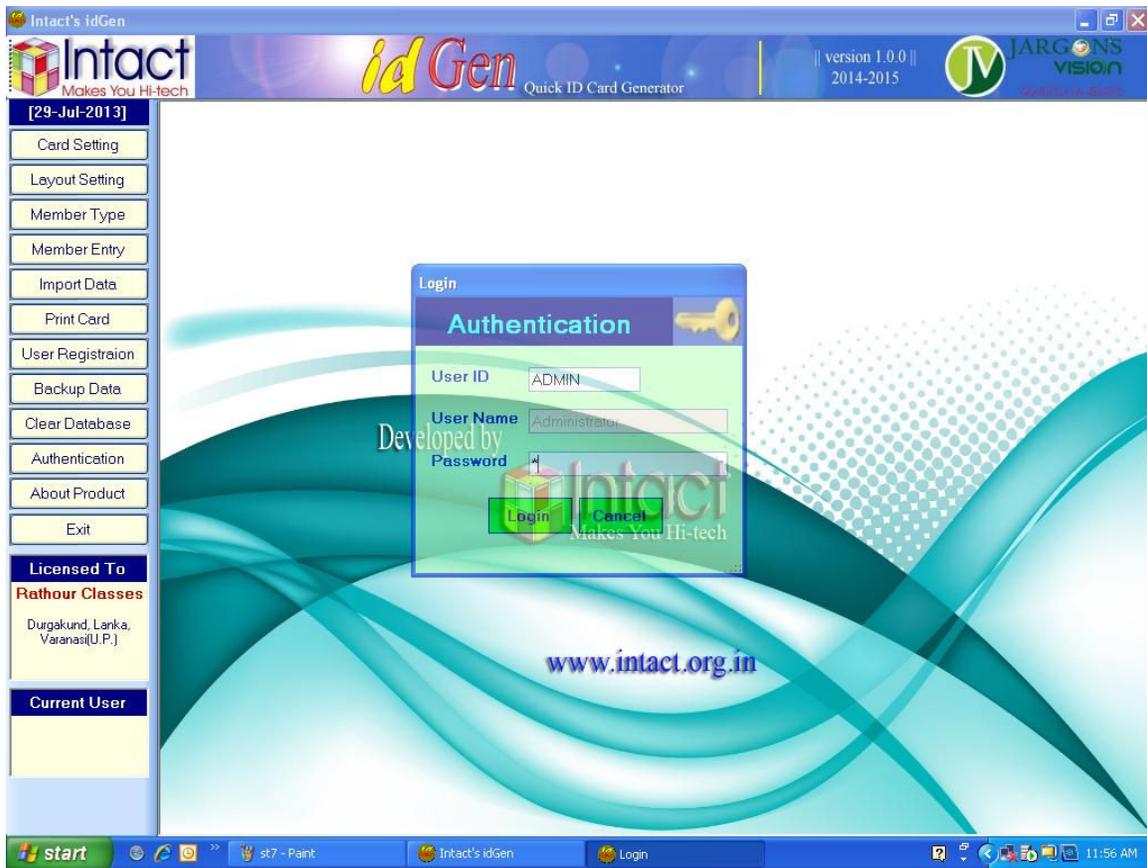
Now you can run this software just by double clicking on the Software Icon



Idgen.ico

on your desktop.

Firstly you will interact with login dialog box. Your default login is **admin** and password is **a**.



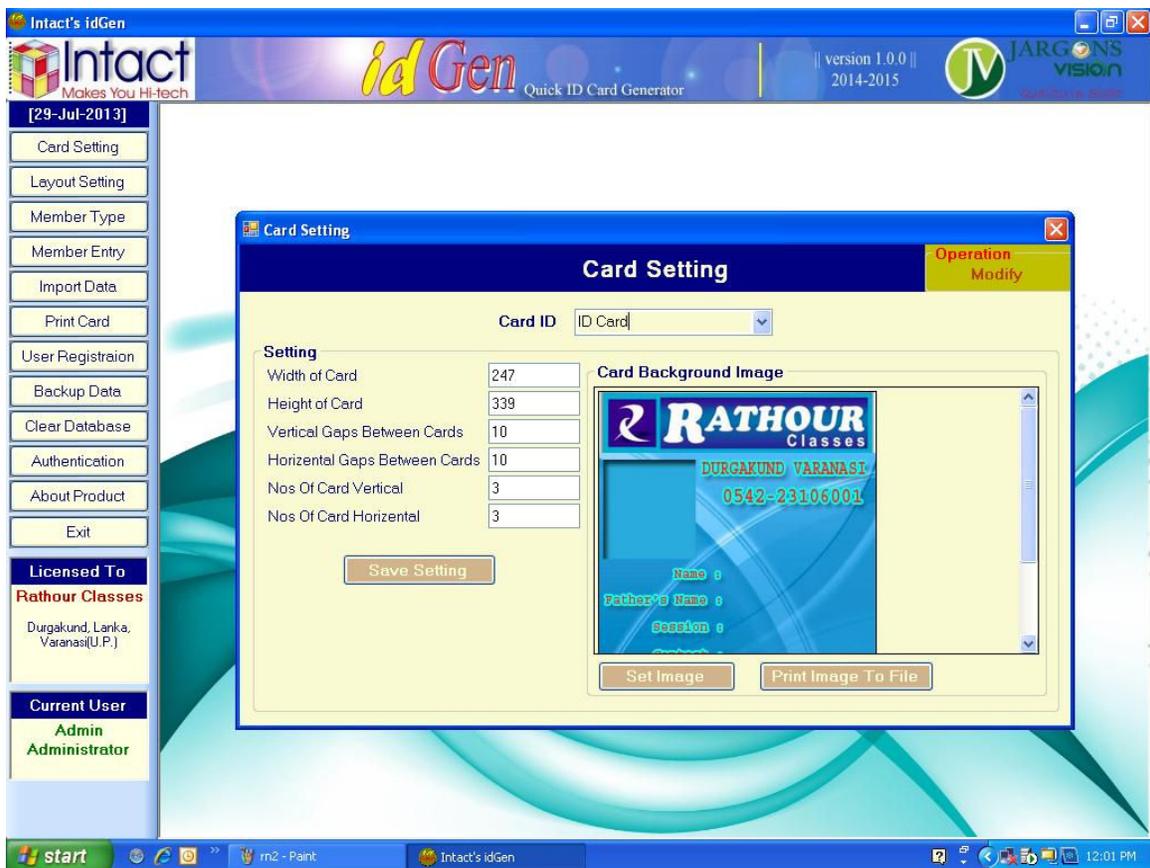
After successful login you will find many menu items in left side of your software's desktop as follows.



Now let us go to the tour of learning each steps of this software one by one.

Card Setting:-

Click on "Card Setting" button on software's desktop, you will get the following window:-



Here we can set the card layout which will be printed on a page. Before going to make a new card setting first design a card background image with labels and logo with the help of any image editor like Photo Shop, Coral Draw etc and save it in any image format like jpg, gif etc.

Options in Card Setting window:

Card ID: Any unique identification name of this card for which you are going to make setting. If you want to make a new card then input new Card ID otherwise select existing one from this list to modify setting.

Width of Card: Put here width of a card in pixels.

Height of Card: Put here height of a card in pixels.

Vertical Gap Between Cards: Put here vertical gap between two cards in pixels.

Horizontal Gap Between Cards: Put here horizontal gap between two cards in pixels.

Nos of Cards Vertical: Put here numbers of cards will be printed on a page vertically.

Nos of Cards Horizontal: Put here numbers of cards will be printed on a page horizontally.

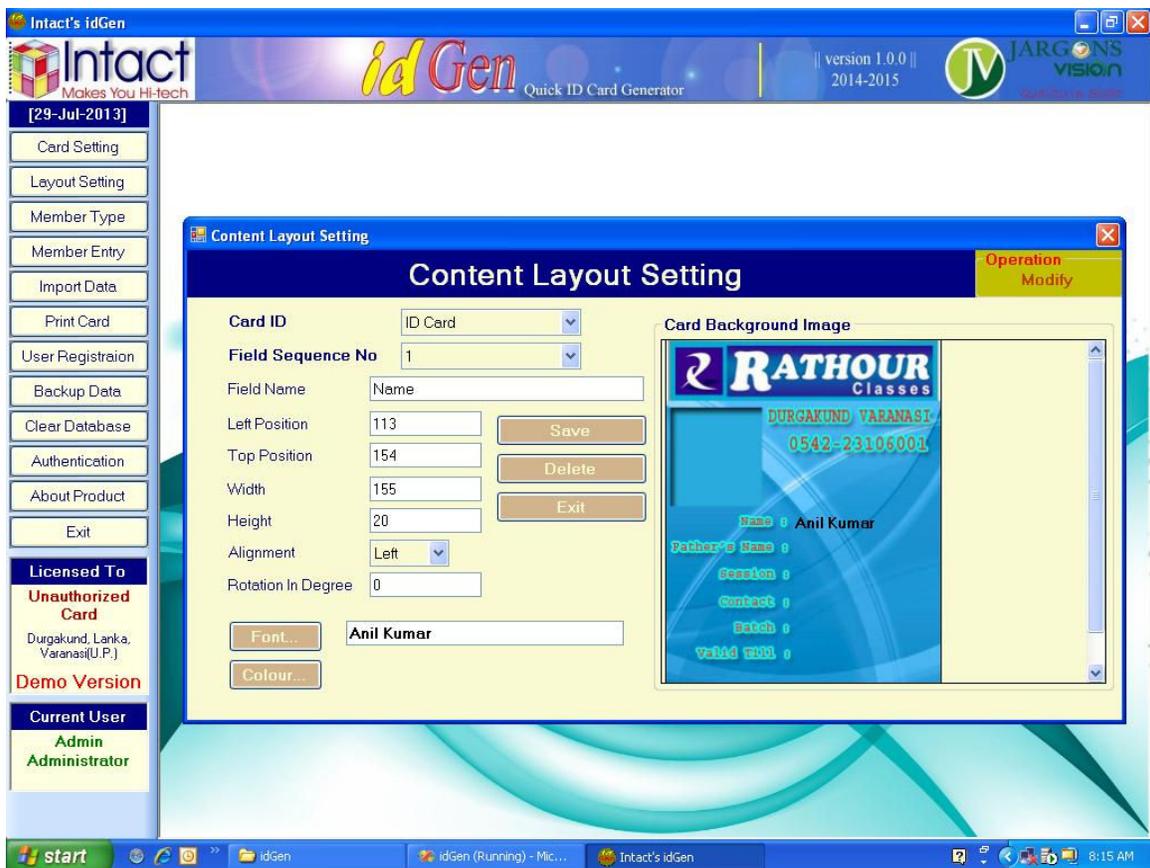
Now click on "Set Image" button to select the image of card background. After selection it will be appeared in Card Image Background box.

Finally click on "Save Setting" button and accept it to save the settings.

When ever it will require retrieving this background image, you can click on "Print Image To File" button to restore it from database to file.

Content Layout Setting:

Click on "Layout Setting" button from software's desktop, you will get the following window:-



Here we can set the contents which will be fetched from database and be printed on card.

Options in Content Layout Setting window:

Card ID: Select the card id previously created in Card Setting Window for which you want to set content of card.

Field Sequence No: There are 20 general fields and 3 special fields (Photo, Barcode and Member ID) are available in this list box. Choose the Field Sequence No one by one and set their field name, location, rotation, font and color to be printed on the card.

If you have already set the field for a card and want to remove from that card then simply select the Field Sequence No and click on “Delete” button. No of fields set for the card will be shown for the member data entry, and will be printed on card.

Field Name: Put here the field name which will be shown during member data entry.

Left Position: Put here numeric value which shows that how much bits this field will be far from the left of your card.

Top Position: Put here numeric value which shows that how much bits this field will be far from the top of your card.

Width: Put here numeric value which shows the width in bits under which the field value from database will be printed on the card.

Height: Put here numeric value which shows the height in bits under which the field value from database will be printed on the card.

Alignment: Select here the alignment of field.

Rotation In Degree: Put here numeric value between 0 to 360 (default value is 0) which shows that this field will be rotated on the specified angle.

Font: Click this button to select the font in which you want to print this field on the card. You can also select the font for different language like Hindi, English, Urdu etc.

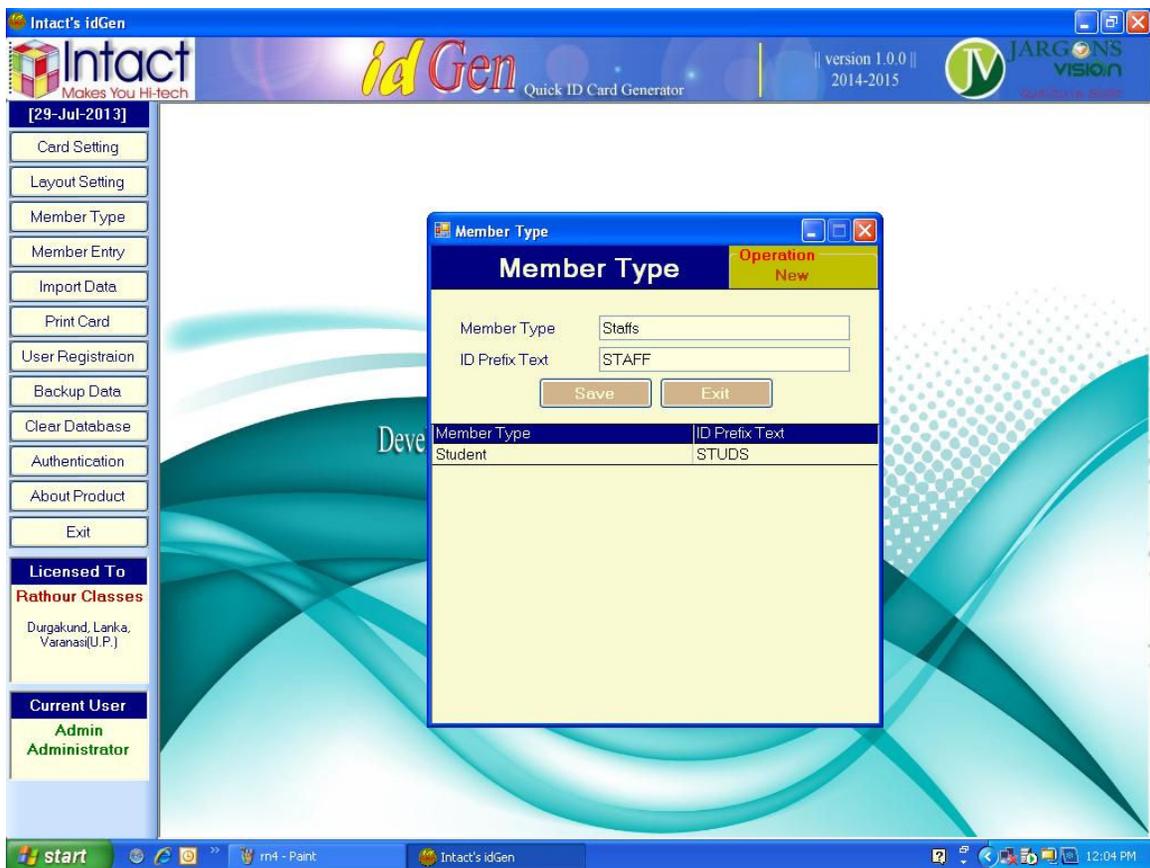
Colour: Click this button to select the color in which you want to print this field on the card.

You can also point out by clicking on Card Background Image to set location of field automatically.

Finally click on “Save” button to save this setting in database. Similarly you can set the layout for different fields. It would be better to set some estimate value for the layout of the content on the card. After making entry for member’s record and view the output of the final card then reset the layout value for each field one by one and view the card output. Once all the settings are finalized then there is only one work to feed the data for members or import it from MS-Excel sheet and print the cards.

Member Type Entry:

Click on “Member Type Entry” button on software’s desktop, you will get the following window:-

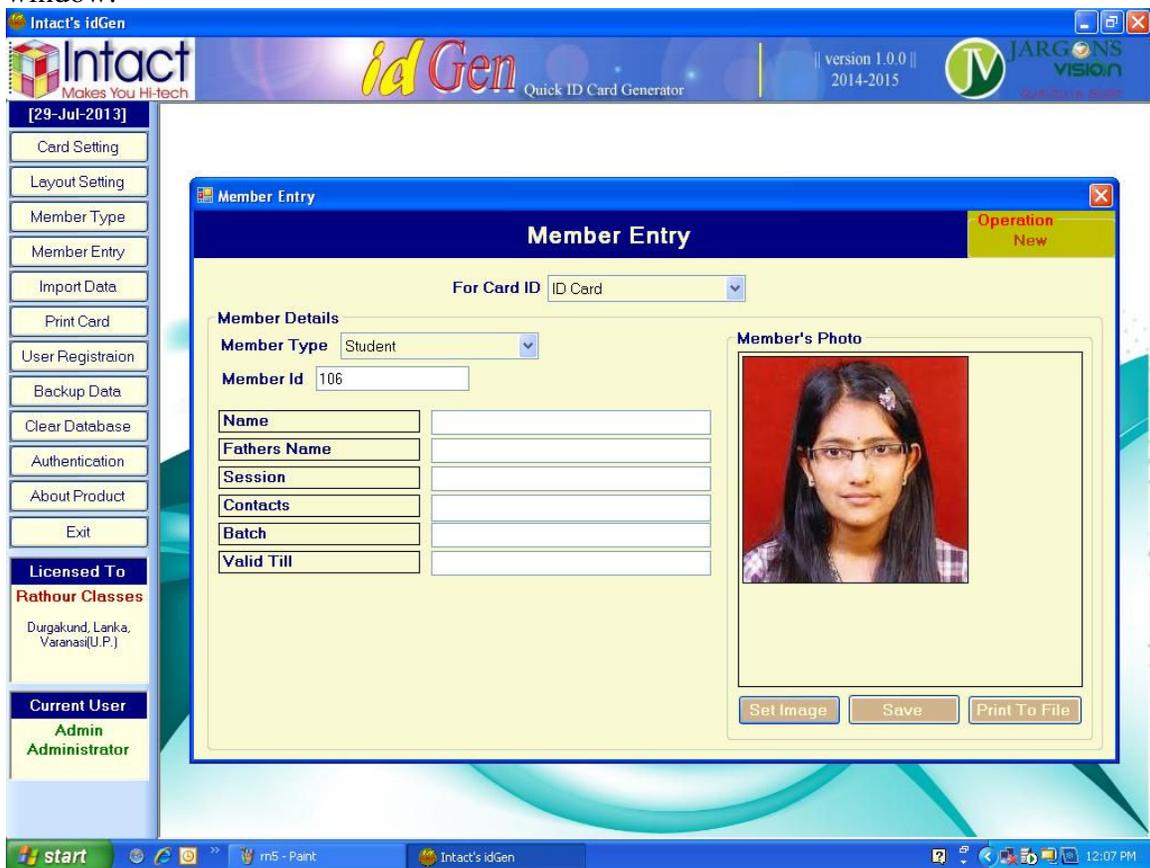


If you want to categorize the members in your organization then you can do it by using this window. There are only two fields first one is for member type identification and second field show the ID Prefix Text. If you want to prefix some Extra value with the ID number of the member for the specified member type then put the value in this box otherwise leave it blank.

If you want to delete or modify the entry for the existing member type then simply type the existing member type in Member Type box or select the existing one from the grid below and press Enter key. It will give the option for modify/delete. To modify, change the ID Prefix Text value and click on “Save” button (or Ctrl+s) and to delete press the Ctrl+d.

Member Entry:

Click on “Member Entry” button on software’s desktop, you will get the following window:-



Select the Card ID from the Card ID list box for which you are going to make data entry of members. Select the member type and put the numeric value in the Member Id box.

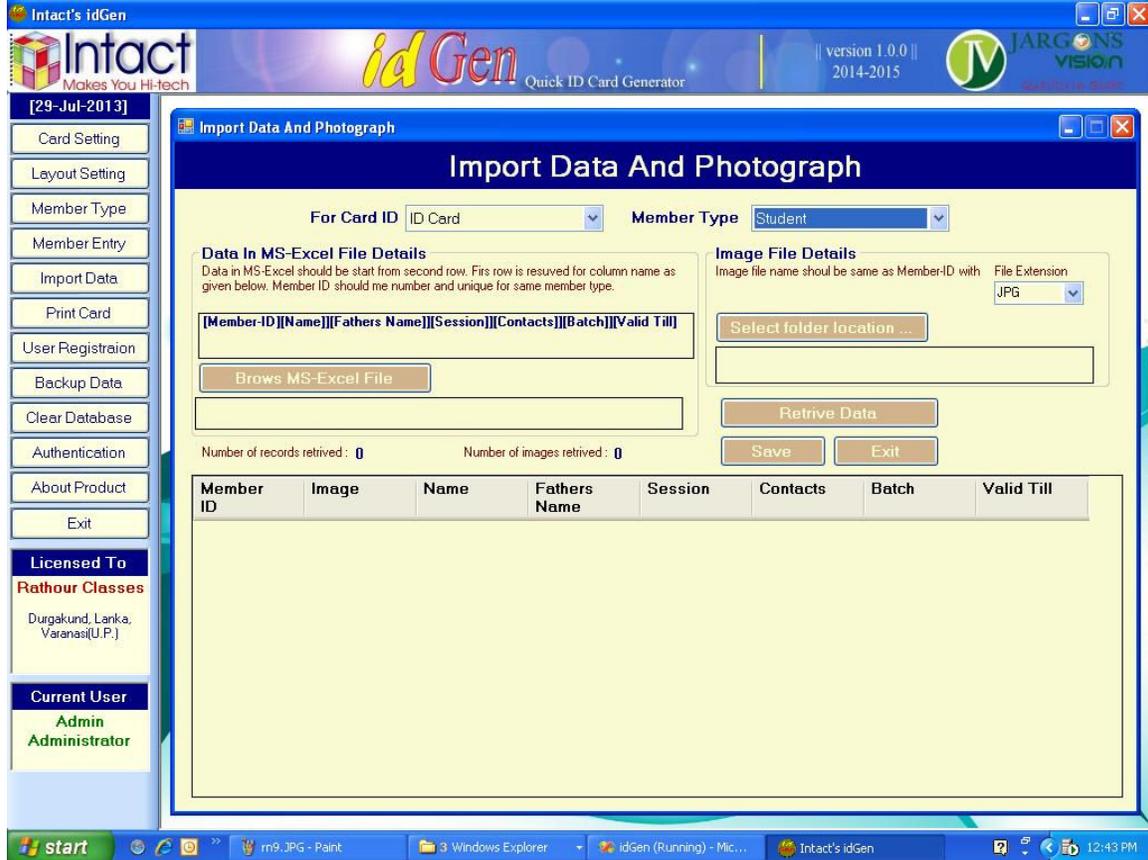
Rest of the fields will be appeared according to the Content Layout Setting done before. Now make the entries in all of corresponding fields. Now Upload the photo of the member by clicking on the “Set Image” button. Click on “Save” button (or Ctrl+s) to save the data in database.

If you want to modify/delete the member record then simply select the member type and put the existing member id in the Member Id box. It will show the option for modify/delete a member record. To modify, make changes in desired fields and click on “Save” button (or Ctrl+s) and to delete press the Ctrl+d.

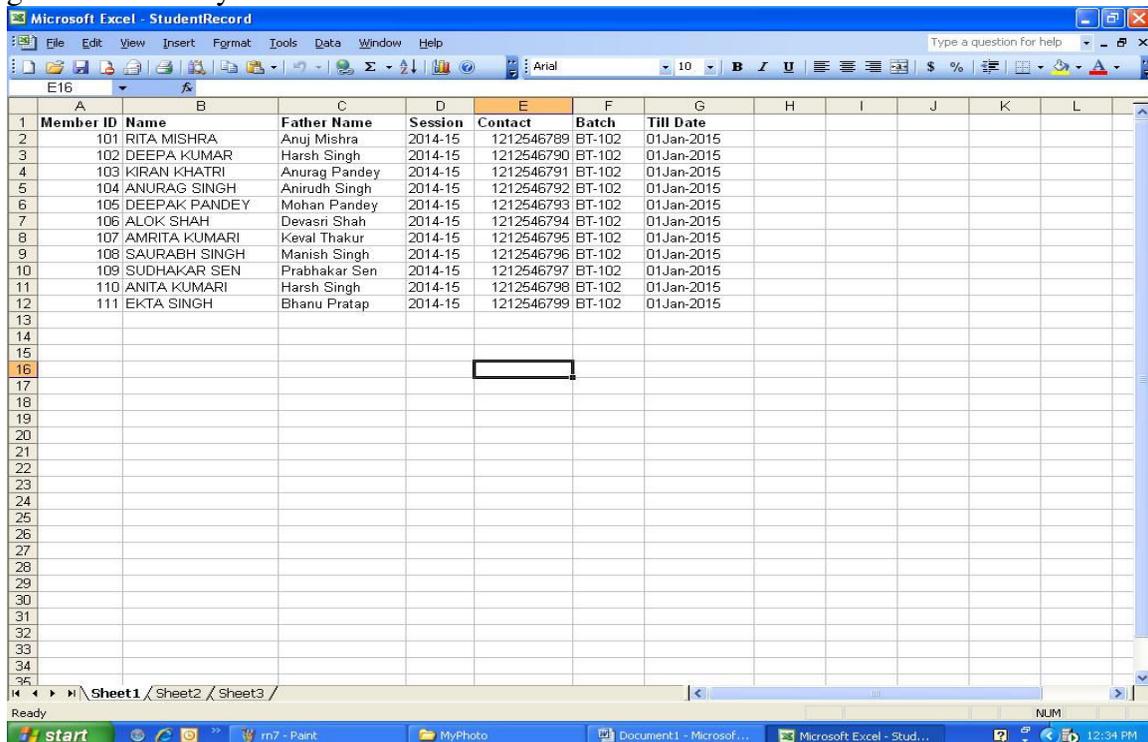
Note:- It would be better to type/brought the data of members in MS-Excel file and then import from that. It will be discussed latter.

Import Data:

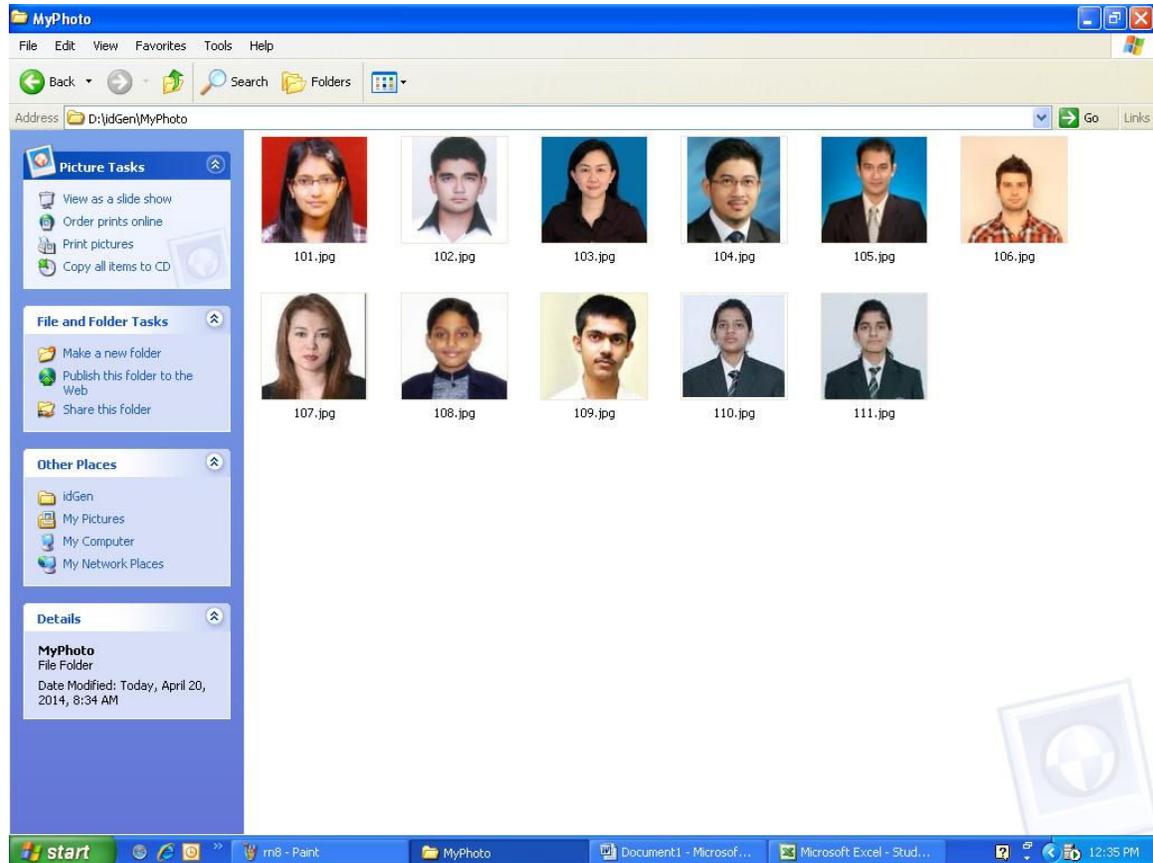
Click on “Import Data” button on software desktop, you will get the following window:-



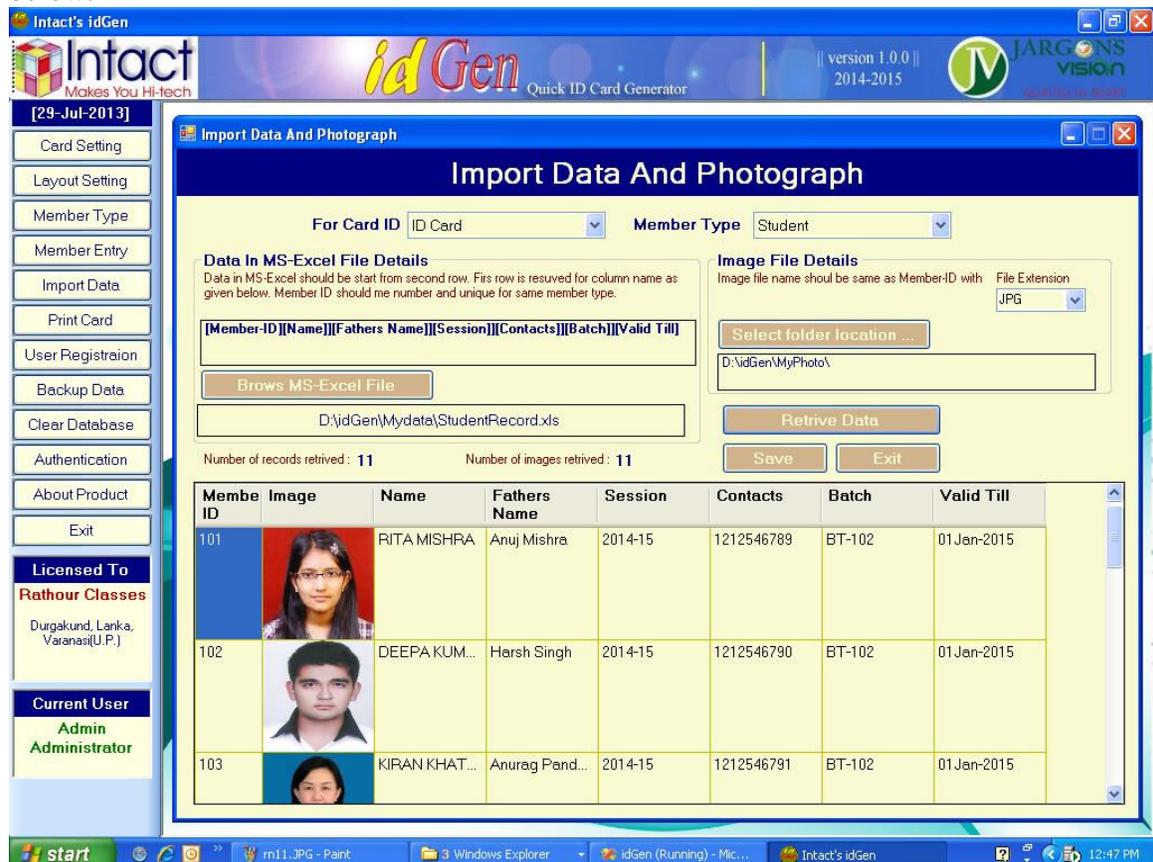
You can import member records and photographs of members by using the window. Same thing can also be done by using Member Entry window discussed previously. First select the Card ID from Card ID list and member type from Member Type list. Now read the instruction give in Data In MS-Excel File Details panel. Data in MS-Excel file must be same as instructed in that panel. Your data must be in the first sheet of the MS-Excel file. Now click on “Browse MS-Excel File” button and select the file in which your data are available. You will see the path of this file in panel below. A sample is given below for your convenience.



Now see the instruction given in Image File Details panel. Now click on “Select Folder Location” button and select the folder path where all the photograph files are stored. Your photograph file name must be the same name as member’s id (numeric value) with extension selected in File Extension list box. A sample is given below for your convenience.



Now click on “Retrieve Data” button to retrieve the data and photographs in the grid below.



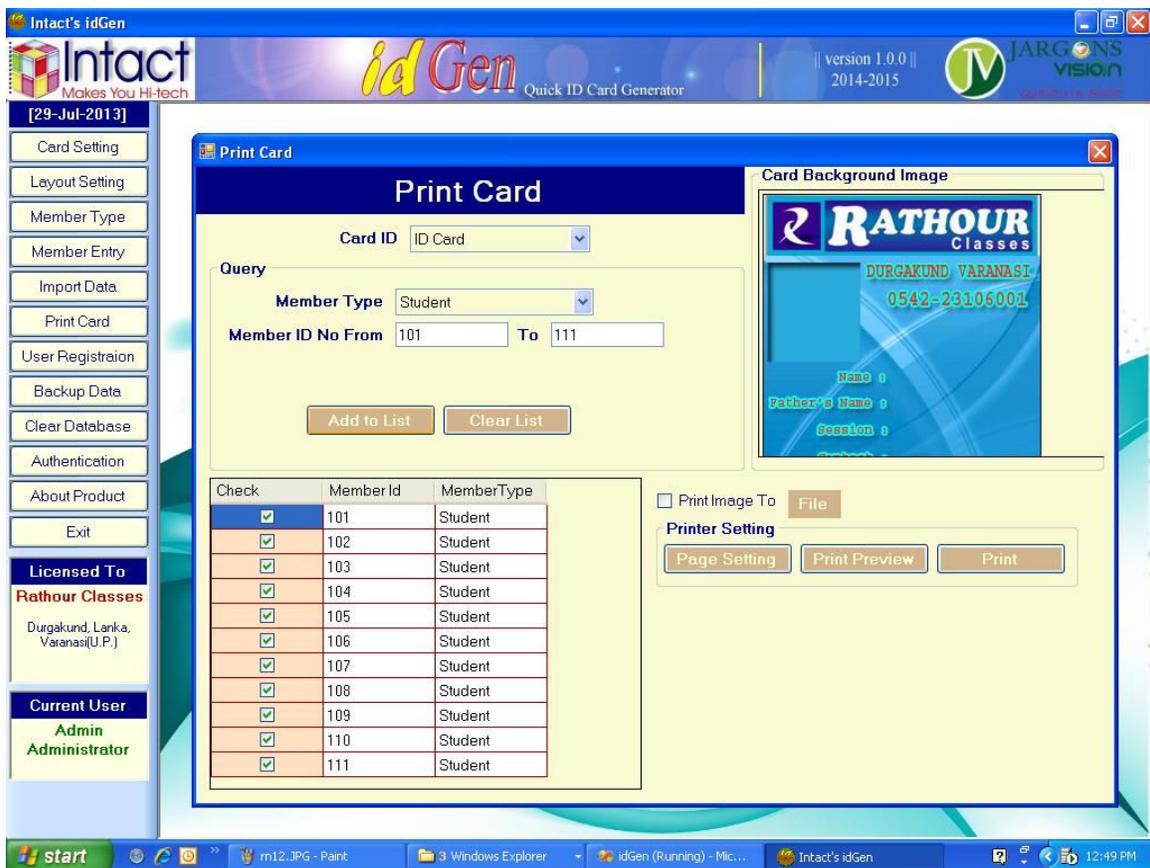
If you are satisfied with retrieval of all the data then click on “Save” button to store it in database.

For the further modification and deletion of these data and photograph can be done from Member Entry window discussed earlier.

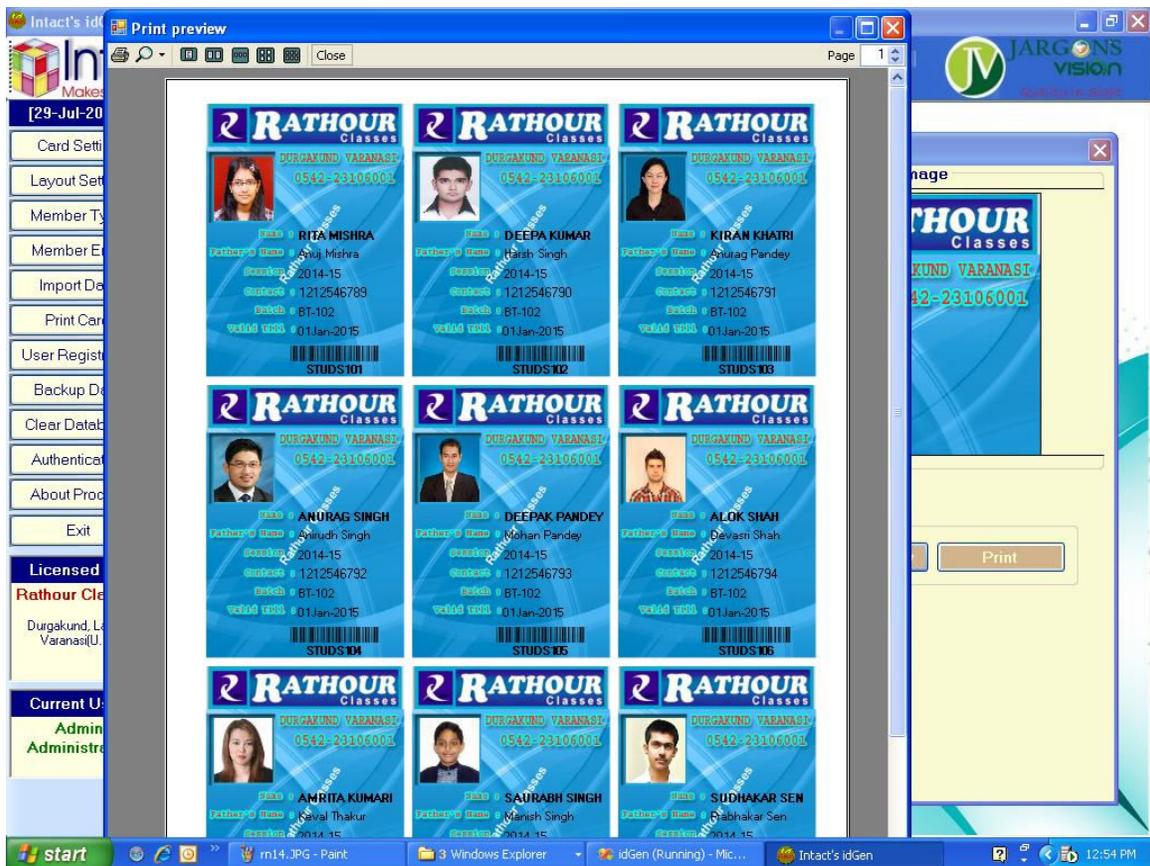
Now every thing is ready, let us go to print the cards.

Print Card:

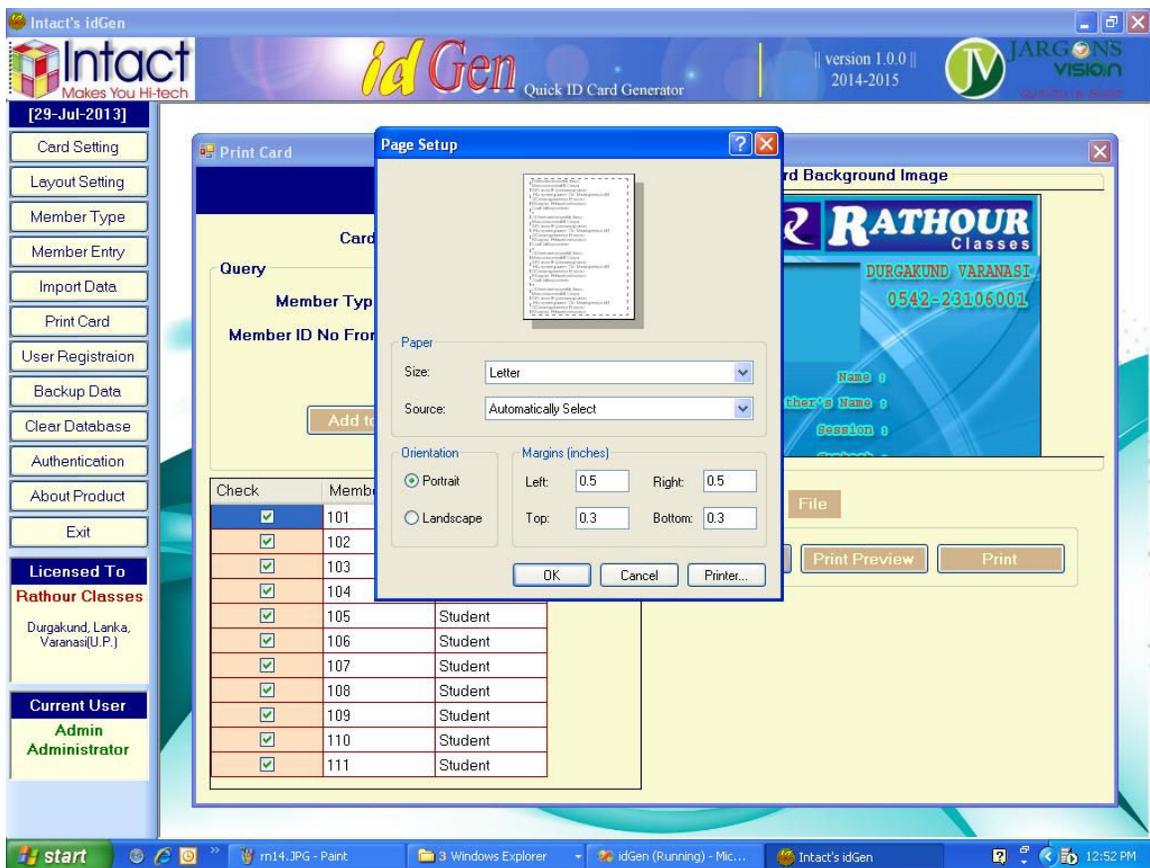
Click on “Print Card” button on software’s desktop, you will get the following window:-



First select the Card ID from the Card ID list box to which you want to print. Now specify the criteria for the members in the Query panel for which you want to print the cards. Just select the member type from Member Type list box and specify the range of member id's. Click on “Add To List” button to show the list of members in grid. Further you can also filter the members for which you want to print the card by just check/uncheck the Check box in the grid. Click on “Print Preview” button to show the preview of cards on page like given below.



You can use the options shown on the top of the Print Preview window for different type views of page. Click on the Print icon to print the page and close this window. Alternatively you can also print the cards by clicking on “Print” button on the Print Card window without showing the Print Preview window. You can set page size and margins by clicking on “Page Setting” button.

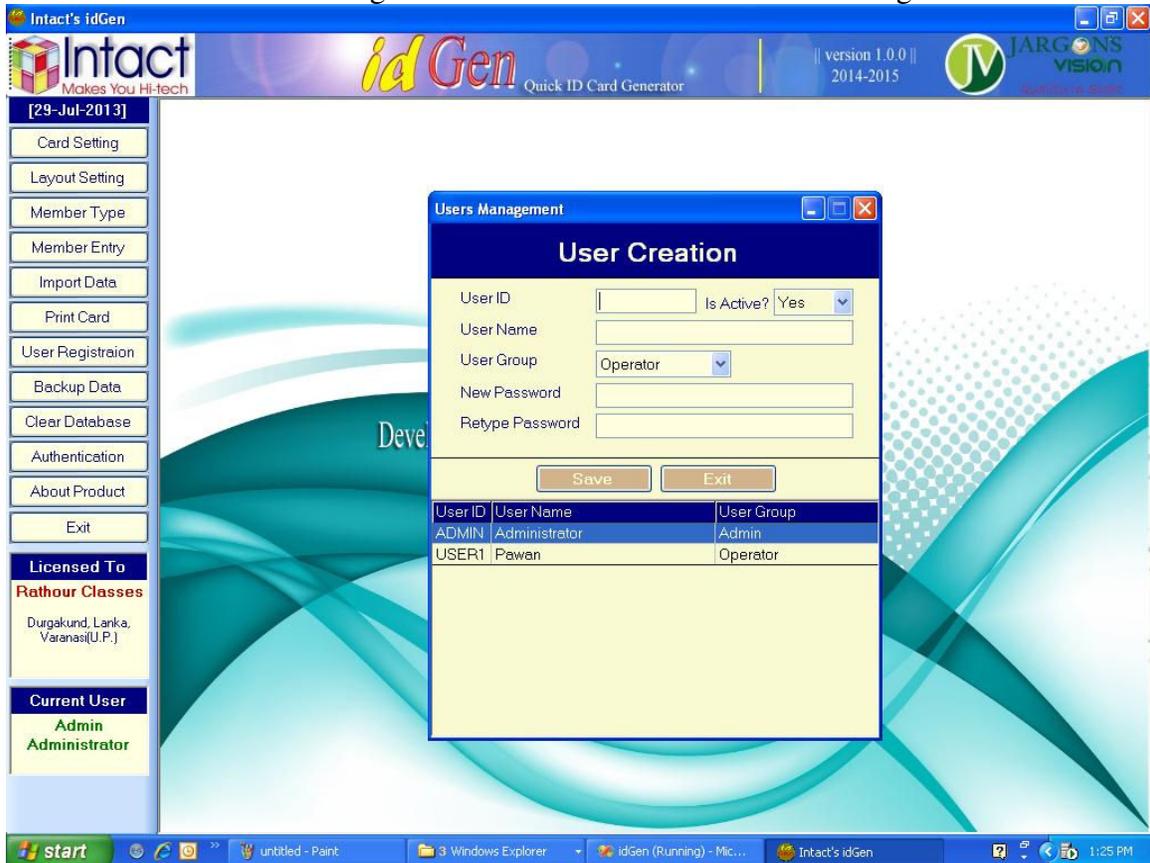


If you don't want to print it on printer just now then you can save this page in image format file and take it in your pen drive to print it anywhere else. For this just check the Print Image To check box and click File button to specify the file name and folder now click on "Print Preview" button. It will show the blank Print Preview window but your Pages have been saved in image format file in the specified file and folder.

User Registration:

Multiple users can use this software at a time. The user of Admin group can create, alter or delete users.

To do this click on "User Registration" button this will show following window.



Add new user: Fill all the information of the above window. Be ensure that User ID (Login Name) should be unique i.e. not given to any one before it. User Name is the full name of the user. There are two type of User Group:

1. Admin group : The users under this group have full authentication on the software. They can do every thing in the software.

- Operator group : By default the users under this group have limited authentication, but the user of Admin group can grant/revoke permissions on the selected works from the users. This will be covered in next session.

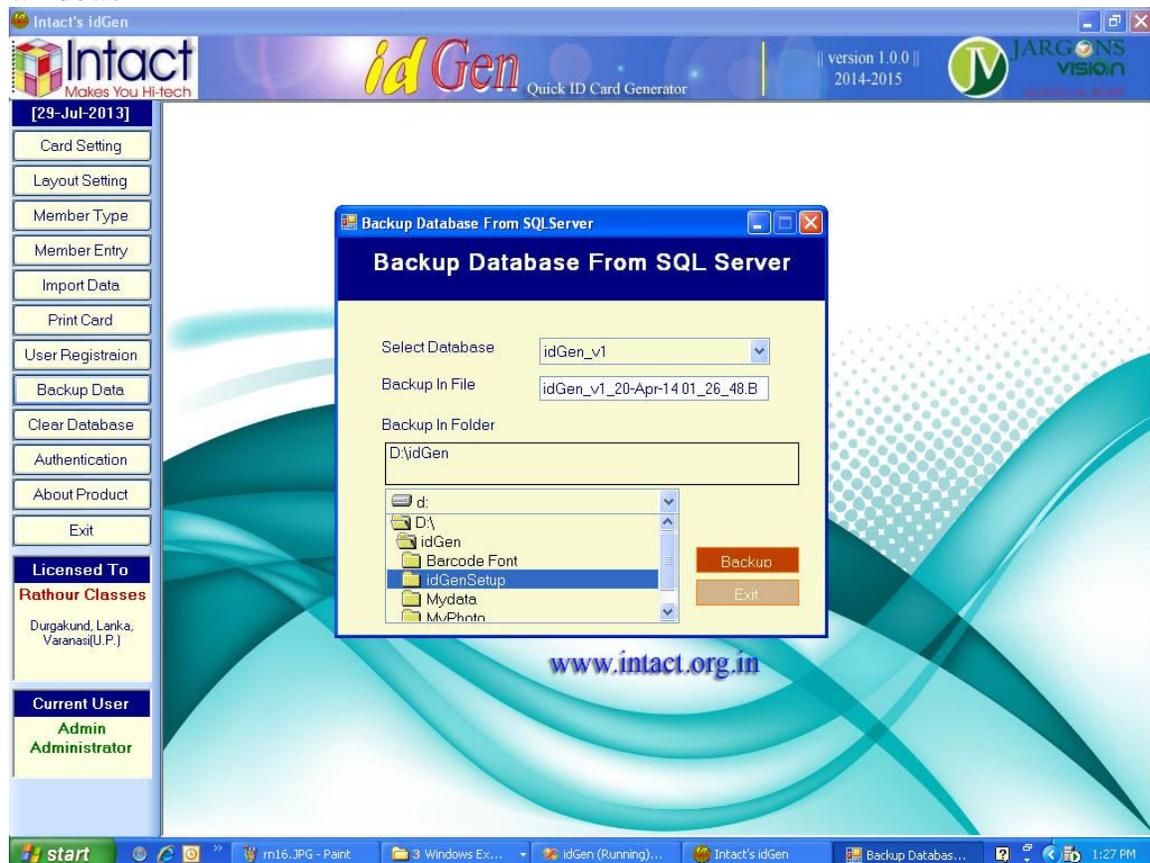
Now Click on “Save” Button (or press Ctrl + s) to save the information.

Alteration In Old Users: If want to change Name, Group and/or Password of the existing user then fill the User ID box with User ID of the user which details you want to change(or you can select it from the grid using mouse or down arrow key) and press Enter Key. It will show the old details of that user, now change the details which you want and Click on “Save” Button (or press Ctrl + s).

Deletion of Existing Users: Fill the User ID box with User ID of the user to which you want to delete (or you can select it from the grid using mouse or down arrow key) and press Enter Key. It will show the old details of that user, now press Ctrl + d keys together.

Database Backup:

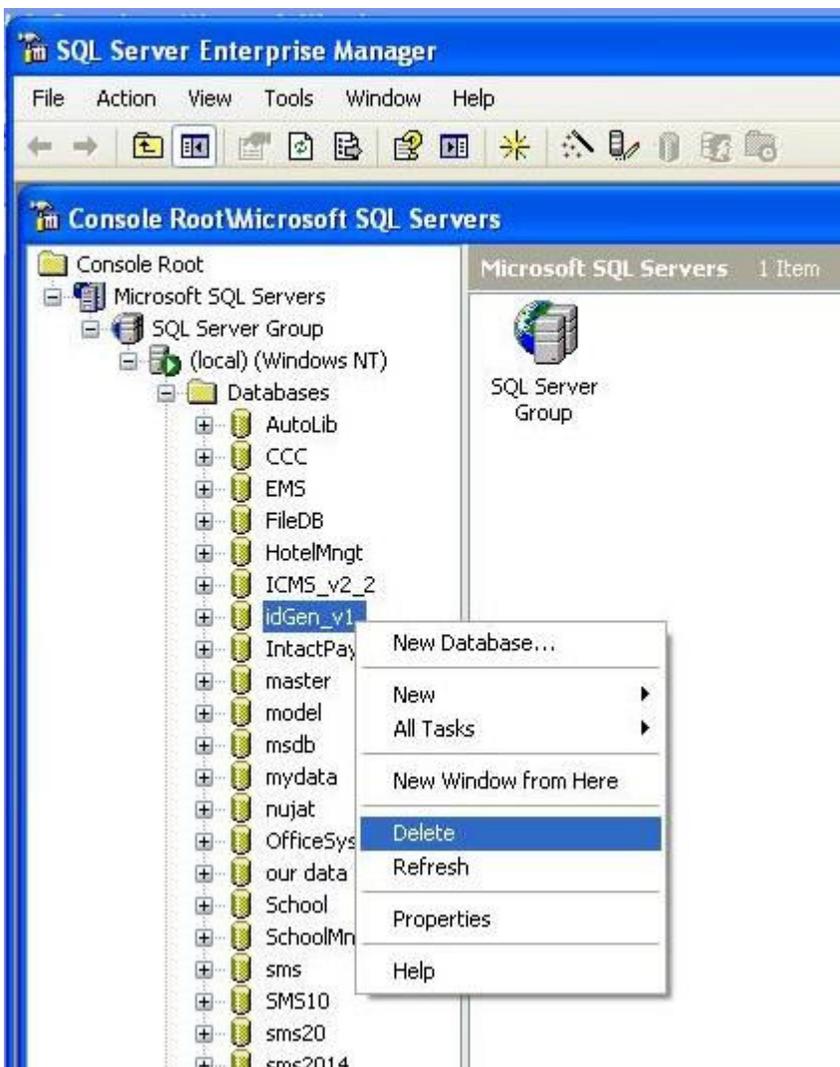
Click on “Backup Data” button on software’s desktop, you will get the following window:-



By default all the required values are shown in the fields of this window. Now select the drive from the Drive list and folder from the Folder list in which you want to save the data backup file with the name specified In Backup in File box. Click on “Backup” button and wait for the message “Backup Complete” display on your screen.

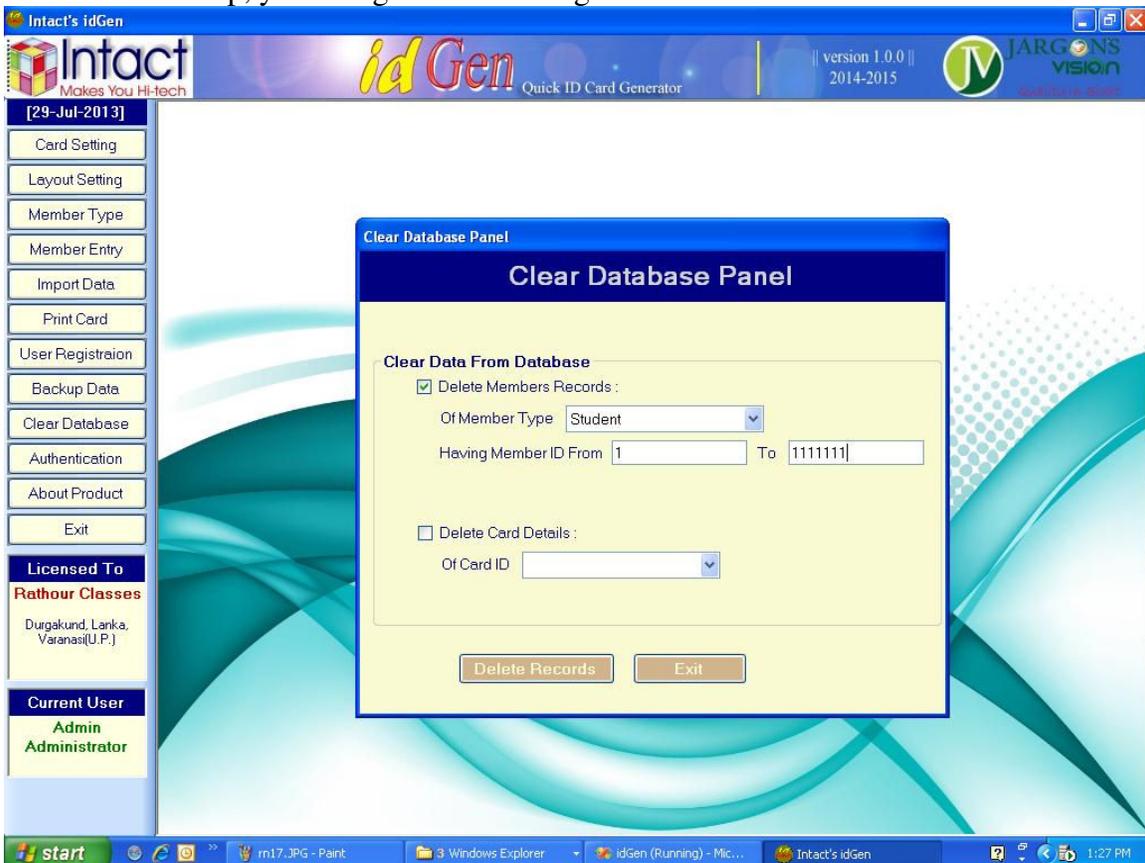
Restore The Backup Data:

Whenever you required restoring this backup data then follows the same steps as discussed in **Database Installation steps**. But before it you have to delete the database from the list of Database. For this right click on database named idGen_v1 and then click on Delete menu option on shortcut menu as given below.



Clear Database:

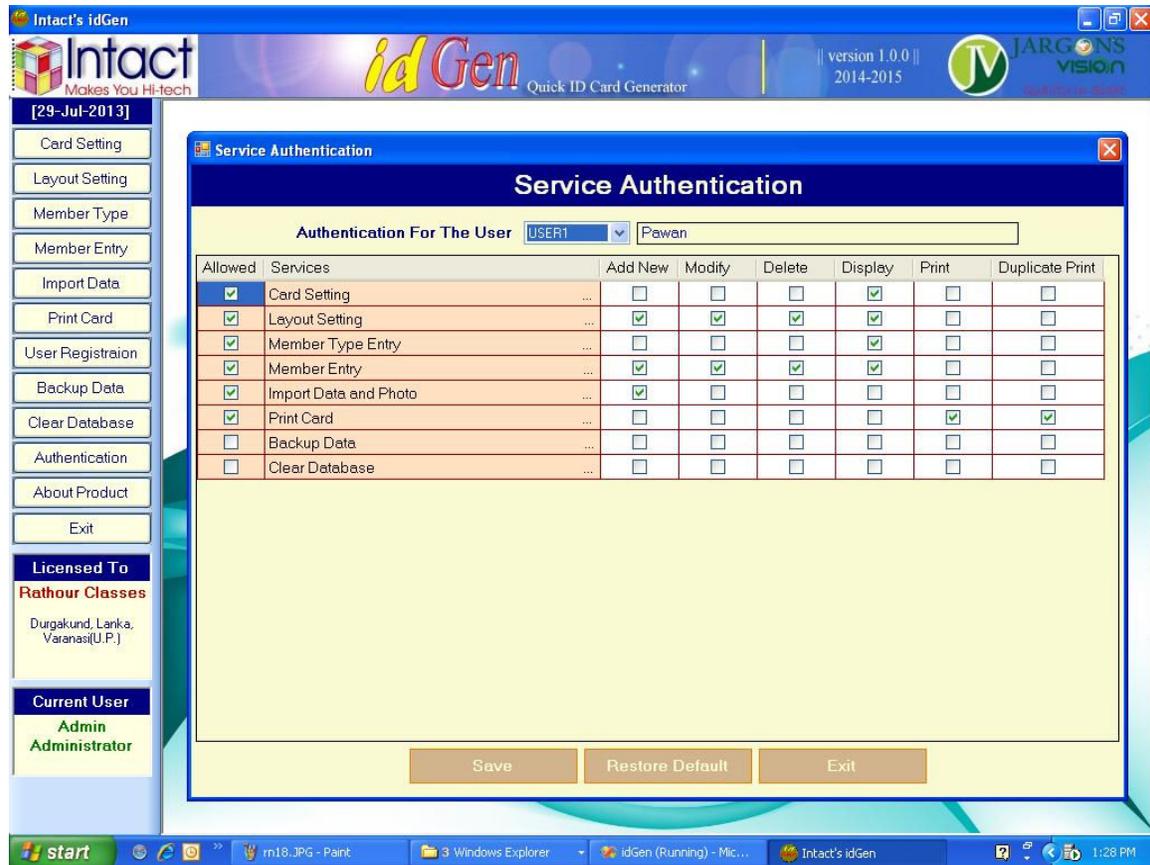
If you want to clear the data from four database the click on “Clear Database” button on software’s desktop, you will get the following window:-



Check the option Delete Members Records and/or Delete Card Details according to choice of deletion. Specify the criteria in the boxes of this window and click on “Delete Record” button. You are advised to take backup of your data before deletion, because this data will be permanently deleted.

Authenticating The Users:

The user of Admin group can grant/revoke the permissions on the selected works to the users. For this click on “Authentication” button this will show the following window.



Select the user from the Authentication For The User list box to whom you are going to grant revoke permissions.

If you uncheck the service in the Allowed column then that user can't do any thing with that service. You can also grant/revoke certain permission on certain service to just check/uncheck the option in specified permission columns. Finally click on “Save” button.

Shortcut Keys:- You can use following Shortcut Keys any where in the software:-

- Ctrl + s -> to save
- Ctrl + d -> to delete
- Esc key -> to close window.

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