

# Registration Application Using JAVA

Date: 16 July 2015

## About Project:

Registration-App is simple application created using JAVA with some additional features to maintain people's records. I included options like save, update, search, clear, get report and delete etc. Records are saved on access database. Reports are generated using DynamicJasper and Jasperreport API.

## Demo of Project:

0. Initially, after running Registration project it tries to connect to database registerdb.mdb. Note that if you don't have jdk 1.7 or below installed or its path is not set then it will give error as shown in fig. a.



Fig. a

1. Registration window is as shown in fig.1.

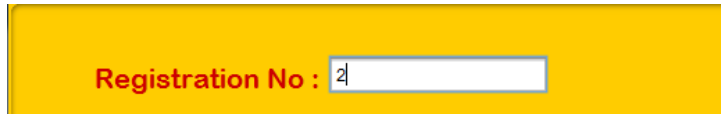
A screenshot of a Java application window titled "YuvaSena Application Form". The window has a yellow background. At the top left, there is a "Registration No :" label followed by a text input field. Below this, there is a section titled "Personal Details" in red. This section contains several input fields: "Full Name :", "Date Of Birth :" (with a date picker showing "05/01/2016"), "Age :", "Blood Group :", "Permanent Addr :", "Telephone/Mobile No :", "Education :", "Institute Name :", "University :", "Graduation Certificate :" (with radio buttons for "Yes" and "No"), "Year of Graduation :", "Email :", "Social Networking Site" (with Facebook and Twitter icons), "Occupation :", "Telephone No(Office):", "Address of Job Office :", "District :", "Taluka :", "City :", "Voting List Group No :", "Voter ID :", and "Section :". To the right of the "Personal Details" section, there is a "Registrion Form" title in red. Below this, there is a placeholder for a profile picture with a "Browse" button. To the right of the profile picture, there is a vertical stack of buttons: "Save", "Update", "Search", "Delete", "Clear", and "Close". At the bottom right, there is a "Get Report" button. The window also shows a "Year : 2014-2016" label.

Fig. 1

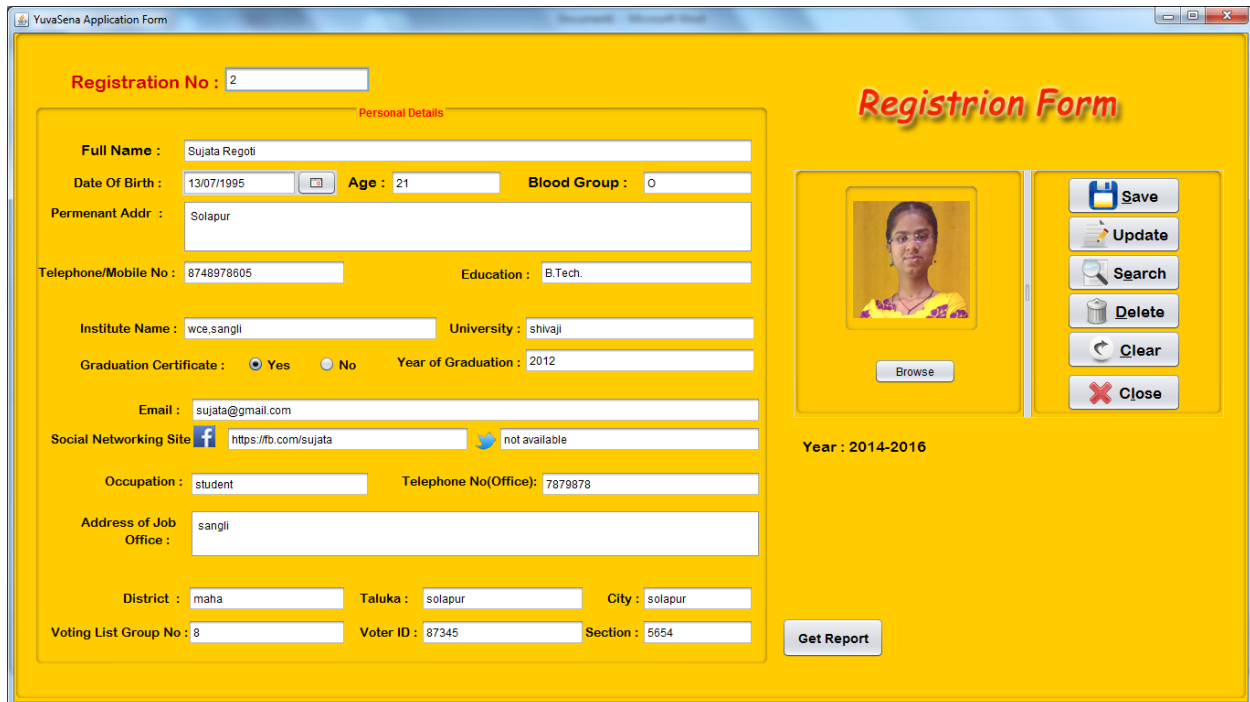
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2. If you know ID of record then enter ID in text field at the side of registration no as shown in fig.2.



3. Now press enter, you will get all details of that person as shown in fig 3.



**Registration No :** 2

**Registrion Form**

**Personal Details**

Full Name : Sujata Regoti

Date Of Birth : 13/07/1995 Age : 21 Blood Group : O



Permenant Addr : Solapur

Telephone/Mobile No : 8748978605 Education : B.Tech.

Institute Name : wce,sangli University : shivaji

Graduation Certificate : ☒ Yes ☐ No Year of Graduation : 2012

Email : sujata@gmail.com

Social Networking Site  https://fb.com/sujata  not available

Occupation : student Telephone No(Office): 7879878

Address of Job Office : sangli

District : maha Taluka : solapur City : solapur

Voting List Group No : 8 Voter ID : 87345 Section : 5654

Save Update Search Delete Clear Close

Browse

Year : 2014-2016

Get Report

Fig. 3

4. To insert record fill all information in personal details and set profile photo using browse button. Window will appear, select path of photo that you want to set as shown in fig. 4. Press Save button to insert record into a database.

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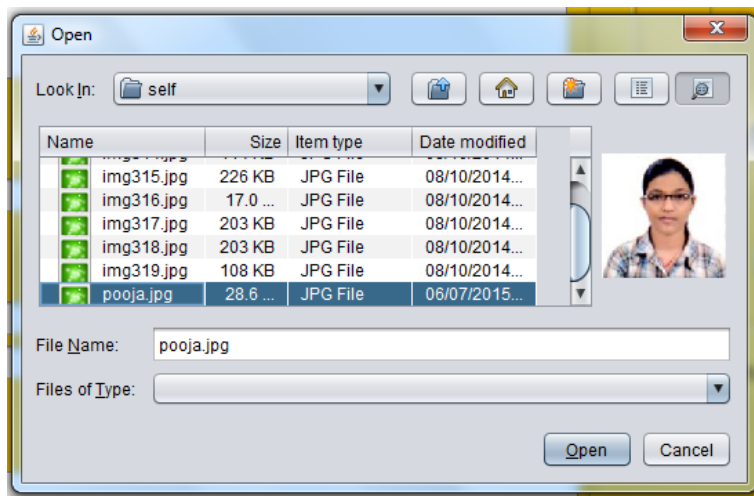


Fig. 4

5. To update any field of person, just enter ID and press enter. After getting details update any field you want and then press “Update” button.
6. On Search button, result is as shown in fig. 5.

Fig. 5

You can search record by name, age, city etc. simultaneously as shown in fig.6.

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The screenshot shows a window titled "YuvaSena Application Form" with a yellow background. At the top, it says "Search Record" in red. Below that, it says "select checkbox and enter value in textarea by which you want to search". There are several input fields: "Person Name", "Age" (with value 21), "District", "Taluka", "City", "Contact No", "Voter ID", and "Education" (with value B.Tech.). A green arrow button is next to the Education field. Below the input fields is a table with 6 columns: Reg. No., PersonName, Age, Contact No, Occupation, and Education. The table contains 4 rows of data.

Reg. No.	PersonName	Age	Contact No	Occupation	Education
2	Sujata Regoti	21	8748978605	student	B.Tech.
3	Priti Dhanawale	21	874897	student	B.Tech.
4	Pratibha Patil	21	78989605905	student	B.Tech.

Fig. 6

On clicking row or record of table, respective details are shown on registration window.

7. On clicking "Get Report" button, result is as shown in fig. 7. Select fields that you want in report and you can insert constraints using checkbox and text field as one is shown in fig 7 for age field.

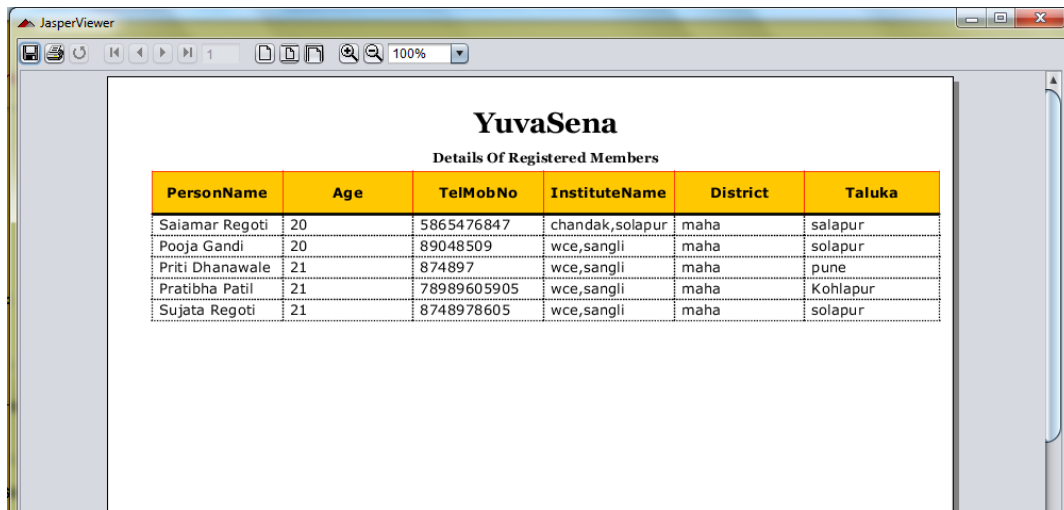
The screenshot shows a window titled "select" with a yellow background. It contains a form with checkboxes and input fields for selecting fields and constraints. The fields are: "PersonName" (checked), "Age" (unchecked, value 23), "TelMobNo" (checked), "Education" (unchecked), "InstituteName" (checked), "University" (unchecked), "District" (checked), "Taluka" (checked), "City" (unchecked), "Section" (unchecked), and "DOB" (unchecked). There are also dropdown menus for "January" and "Get BirthDay List". A "Done" button is at the bottom right.

Fig. 7

Click on "Done" to get report as shown in fig. 8.

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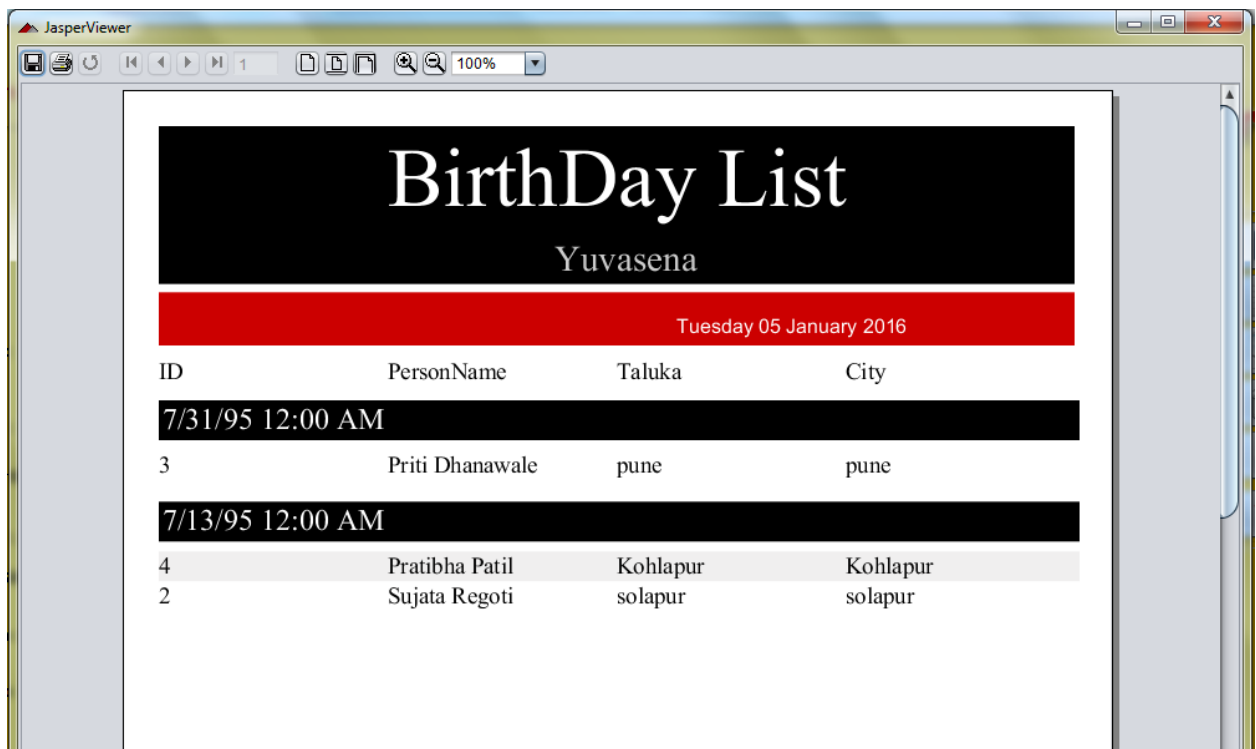
The image shows a JasperViewer window displaying a report titled "YuvaSena" with the subtitle "Details Of Registered Members". The report contains a table with the following data:

PersonName	Age	TelMobNo	InstituteName	District	Taluka
Saiamar Regoti	20	5865476847	chandak,solapur	maha	salapur
Pooja Gandhi	20	89048509	wce,sangli	maha	solapur
Priti Dhanawale	21	874897	wce,sangli	maha	pune
Pratibha Patil	21	78989605905	wce,sangli	maha	Kohlapur
Sujata Regoti	21	8748978605	wce,sangli	maha	solapur

Fig. 8

Now you can save report in format like pdf, rtf, odt, docx, htm/html, single sheet xls or multiple sheet xls or can get print out if printer is attached.

8. To get birthday list in particular month, select month using combo box and click on button "Get birthday list" available on same window. You may get result as shown in fig. 9. Birthday belong to same date shown in group while other placed separately.



The image shows a JasperViewer window displaying a report titled "BirthDay List" with the subtitle "Yuvasena". The report shows a date "Tuesday 05 January 2016" and a table of birthdays grouped by date.

ID	PersonName	Taluka	City
7/31/95 12:00 AM			
3	Priti Dhanawale	pune	pune
7/13/95 12:00 AM			
4	Pratibha Patil	Kohlapur	Kohlapur
2	Sujata Regoti	solapur	solapur

Fig. 9