

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:

- 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.

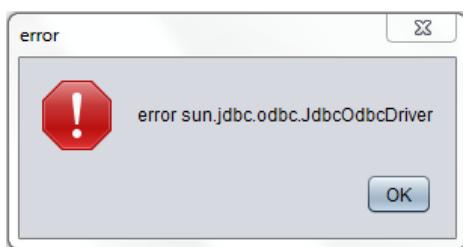


Fig. a

- Registration window is as shown in fig.1.

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.

A screenshot of a Windows application window titled 'YuvA Sena Application Form'. Inside, there is a yellow rectangular area containing a red label 'Registration No :' followed by a white text input field containing the number '2'.

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

A screenshot of the 'YuvA Sena Application Form' application window. The main area is titled 'Registration Form' and contains a yellow background with various input fields and controls. On the left, there is a large form for 'Personal Details' with fields for Full Name (Sujata Regoti), Date of Birth (13/07/1995), Age (21), Blood Group (O), Permanent Address (Solapur), Telephone/Mobile No (8748978605), Education (B.Tech.), Institute Name (wce.sangli), University (shivaji), Graduation Certificate (Yes), Year of Graduation (2012), Email (sujata@gmail.com), Social Networking Site (https://fb.com/sujata), 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), and Section (5654). On the right, there is a photo of a woman in a yellow dress, a 'Browse' button for profile photos, and a vertical column of buttons for Save, Update, Search, Delete, Clear, and Close. At the bottom right is a 'Get Report' button. The text 'Year : 2014-2016' is displayed in the center.

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.

A screenshot of the 'YuvaSena Application Form' window titled 'Search Record'. It contains four input fields: 'Person Name' (text box), 'Age' (text box), 'District' (text box), 'Taluka' (text box), 'City' (text box), 'Contact No' (text box), 'Voter ID' (text box), 'Education' (text box), and a green circular search button with a white arrow. Below these is a table with columns: Reg. No., PersonName, Age, Contact No, Occupation, and Education. The table currently has one row of data.

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 Windows application window titled "YuvSena Application Form". Inside, a yellow panel titled "Search Record" contains four input fields: "Person Name" (text box), "Age" (text box with value "21"), "District" (text box), and "Taluka" (text box). Below these are "City" (text box), "Contact No" (text box), "Voter ID" (text box), and "Education" (text box with value "B.Tech."). To the right of the "Education" field is a green circular button with a white arrow pointing right. A message above the fields says "select checkbox and enter value in textarea by which you want to search". Below the search area is a table with columns: Reg. No., PersonName, Age, Contact No, Occupation, and Education. The table contains three 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 Windows application window titled "select". It displays a grid of fields for filtering data. Each row has a checkbox for selecting the field, an operator dropdown (e.g., =, <), a text input field, and a second operator dropdown. The fields include PersonName, TelMobNo, InstituteName, District, City, DOB, Age, Education, University, Taluka, and Section. The "Age" row has "23" entered in the text field. The "DOB" row has a date picker set to "January". At the bottom are buttons for "January" (with up/down arrows), "Get BirthDay List", and "Done".

Fig. 7

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

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The screenshot shows a JasperViewer window with a title bar 'JasperViewer'. The main content area has a title 'Yuvaseva' and a subtitle 'Details Of Registered Members'. Below this is a table with the following data:

PersonName	Age	TelMobNo	InstituteName	District	Taluka
Sajamar Regoti	20	5865476847	chandak,solapur	maha	solapur
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 screenshot shows a JasperViewer window with a title bar 'JasperViewer'. The main content area has a title 'BirthDay List' and a subtitle 'Yuvaseva'. Below this is a red bar with the text 'Tuesday 05 January 2016'. The table below has the following data:

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