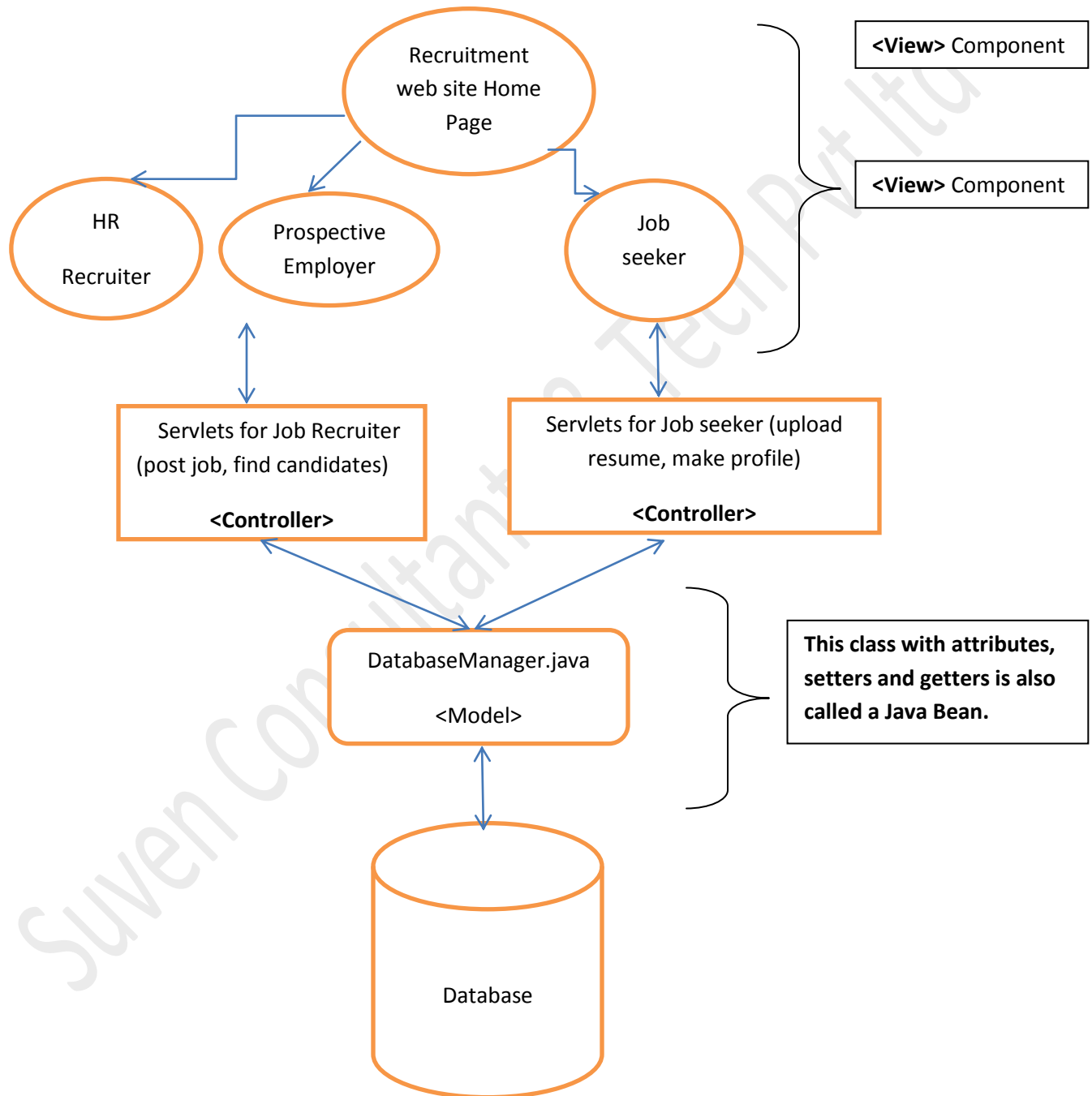


Job Recruiter web site

Step 1: Develop HR Recruitment web site based on Servlets. Work flow should be :



Project: CTB: SERVLET-DATABASE: Job Recruiter web site

Step 2: Create index.html

- I. Create 3 hyperlinks: HR Recruiter, Prospective Employer and Job seeker **Login**
- II. Create link to JobSeeker.html for student
- III. Create link to Recruiter.html for HR Recruiter, Prospective Employer

Fig 1:Index page

Step 3: Create Job seeker Login

- I. Create a form which consist of three section: Registration, Upload doc file and login. The Interface is as specified below:

The screenshot displays a web form titled "Registration Form" on a light yellow background. The form is organized into three distinct sections:

- Personal details:** This section contains several input fields: "Name", "Address", "Education" (a dropdown menu with "choose" selected), "College Name", "Field" (a dropdown menu with "choose" selected), "Aggregate Percentage", "Technology" (a dropdown menu with "choose" selected), "Title of Resume", and "Password". A "Submit" button is located at the bottom of this section.
- Add resume Here:** This section features a "Select File:" label, a "Choose File" button, and the text "No file chosen". Below this is a blue "Upload" button with an upward-pointing arrow.
- If already signup:** This section includes "Login ID" and "Password" input fields, with a "Submit" button positioned below them.

Fig 2: JobSeeker.html

Project: CTB: SERVLET-DATABASE: Job Recruiter web site

- I. Give proper justification to each element in html
- II. Add drop down list
- III. Separate buttons for each section

Step 4: Create java Bean class (DatabaseManager.java). This forms the Model part.

This is the class which is responsible to handle all database operations. This class contains **public static methods** which will be used by servlets.

List of methods to be defined and their use :

1> public static boolean enterData(String name,String add,String edu,String colg,String field,String per,String tech,String title,String pass)

// to be called to insert data , during registration of a JobSeeker.

2> public static boolean RecruiterDetails(String hr,String cname,String add,String profession,String loc,String pass)

// to be called to insert data , during registration of a Employer / Consultant

3> public static int validateRecruiter(String username,String password)
// called to validate a Employer / Consultant during login

4> public static boolean ValidateCandidate(String username,String pass)
// called to validate a JobSeeker during login

5> Few methods to search by resume Title and stream.

6> public static boolean JobDetails(String id,String jobTitle,String add,String Branch,String Tech,String desc,String exp,String sal)

// Fetches the details / description of the Job , as posted.

7> public static boolean JobDelete(String id) // Employer or Recruitment can delete the Job , once the Vacancy is over.

8> public static boolean UpdateStudentDetails(String name,String add,String edu,String colg,String field,String per,String tech,String title,String pass) // Allows to Update Job Seeker Profile.

Project: CTB: SERVLET-DATABASE: Job Recruiter web site

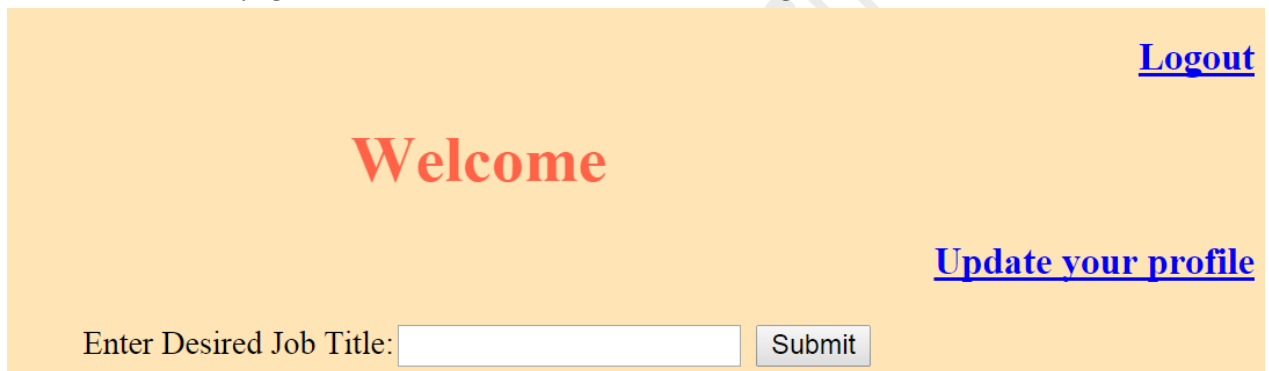
Step 5: Create Servlet JobSeeker.java for adding the registration fields (JobSeeker.html)

- A. Use static Boolean method enterData() of DatabaseManager Class and to register the JobSeeker.
- B. After successful registration forward the control to jobseeker.html , allowing the candidate to **Login**

Step 6: Download (from ctb.suven.net) and include cos.jar file in library for Uploading resume. (Upload.java)

Step 7: Create servlet for user login section

- A. Use ValidateCandidate() from DatabaseManager Class , to Verify Login details. If correct show the candidate an HTML page , so that he can search for Jobs according to **JOB TITLE**



[Logout](#)

Welcome

[Update your profile](#)

Enter Desired Job Title:

Step 8: Create HTML file for recruiter registration.

Create 2 sections one for registration and second for login

- I. In registration section add text fields, drop down list and button to accept data
- II. In login section 2 text fields for username and password

Registration Form

Company details:

HR Name:	<input type="text"/>
Company name:	<input type="text"/>
Company Address:	<input type="text"/>
Company profession:	choose ▾
Company location:	<input type="text"/>
Password	<input type="text"/>
Submit	<input type="submit" value="Submit"/>

If Already Registered then Login Here:

Username	<input type="text"/>
Password	<input type="text"/>
Submit	<input type="submit" value="Submit"/>

[Home Page](#)

Fig 3: Recruiter.html

This form will call a servlet and servlet will accept user data and register user account.(form action="servlet name").

Step 9: Create HTML file for recruiter domain (post job and search candidate)

Successfully login

[Post new Jobs here](#)

Welcome

Check Candidates

Resume Title: Stream:

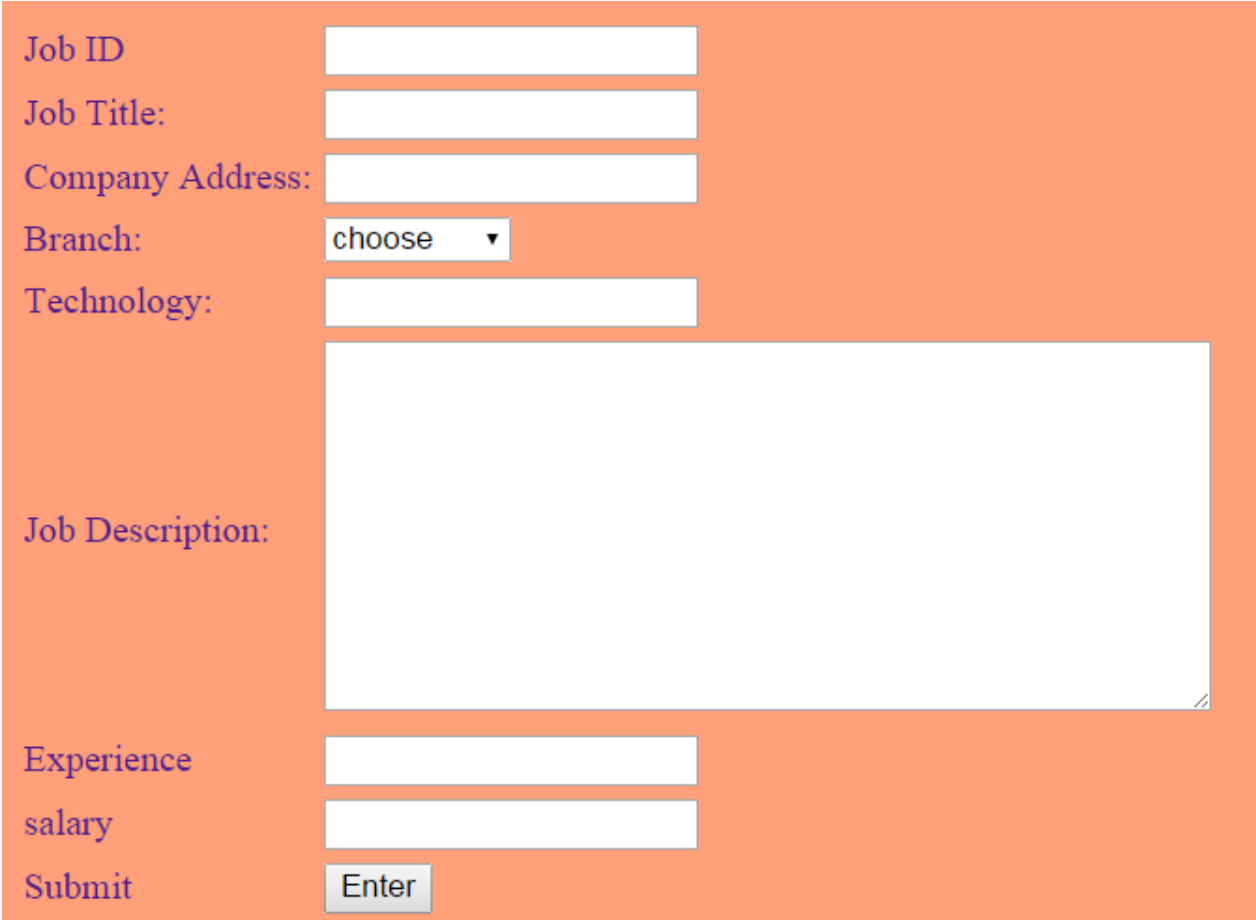
[Logout](#)

Fig 4: Recruiterdomain.html

This form will call a servlet and servlet will accept user data and search according Resume Title or Stream.

Project: CTB: SERVLET-DATABASE: Job Recruiter web site

Step 10: Create HTML file for posting job. (like below)



The image shows a web form for posting a job. The form is set against an orange background. It contains the following fields and controls:

- Job ID:** A text input field.
- Job Title:** A text input field.
- Company Address:** A text input field.
- Branch:** A dropdown menu with the text "choose" and a downward arrow.
- Technology:** A text input field.
- Job Description:** A large, empty text area for entering the job details.
- Experience:** A text input field.
- salary:** A text input field.
- Submit:** A button labeled "Enter".

Create Java Servlet to enter data into Data base.

Step 11 : Some more HTML files may be created , according to the design. Some more servlets may also be created smooth functioning of the project.

A student is free to choose the name of the HTML and servlet files.