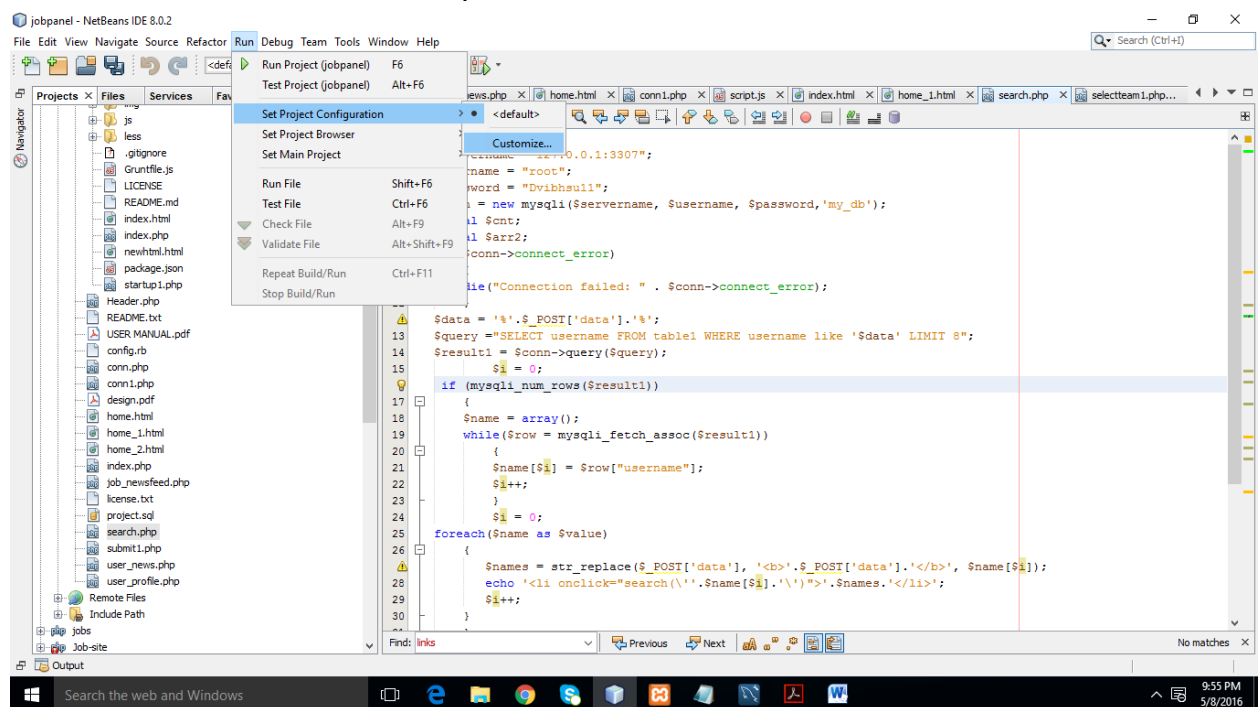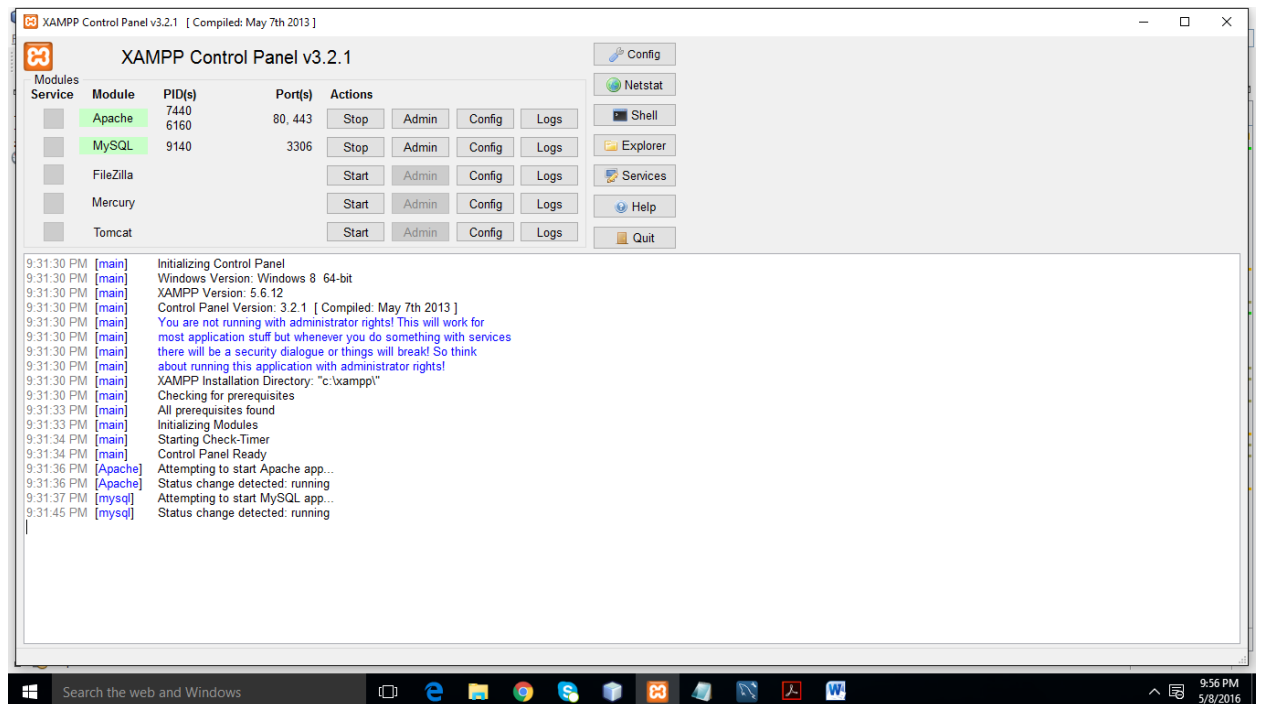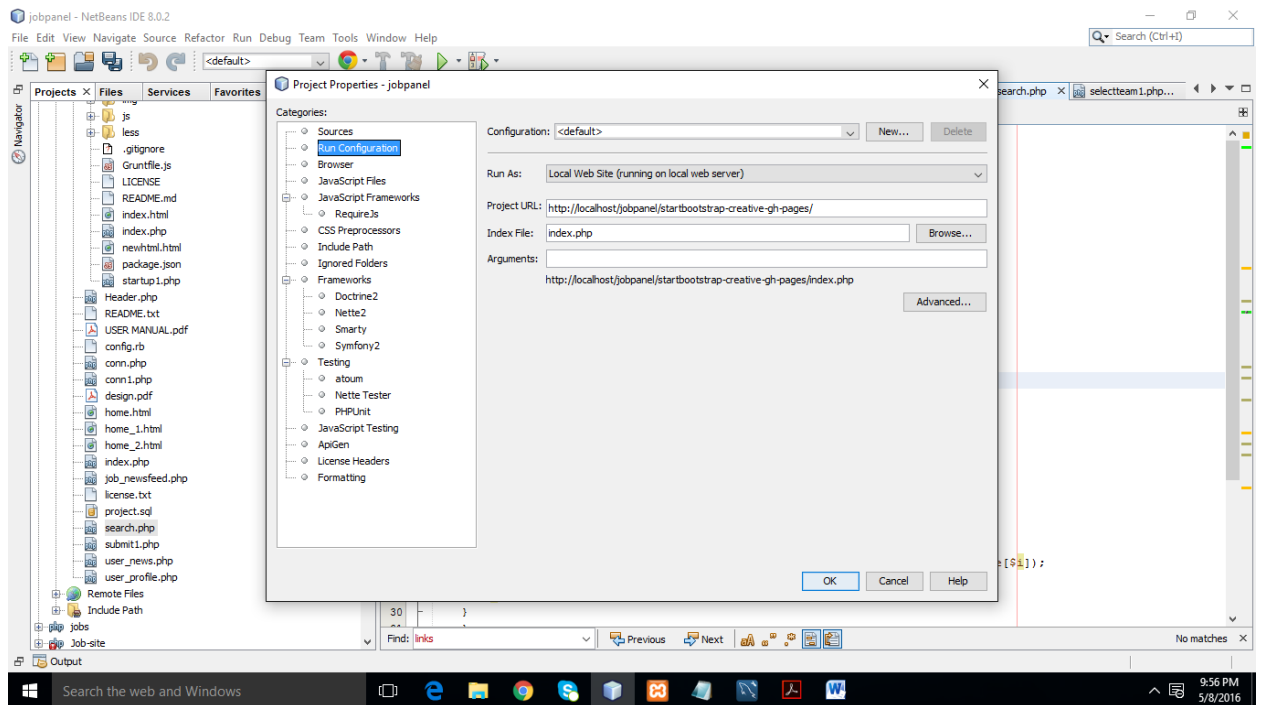# DESIGN

1. The project has been implemented using Netbeans and XAMPP server. Both of them are open source. The database used is MySQL. The entire project uses PHP, AJAX, JQUERY,Bootstrap,CSS, HTML.

2. To run the project install Netbeans IDE from https://netbeans.org/downloads/8.0.2/ and XAMPP. From XAMPP control panel you can start apache and MySQL. From the RUN in the Netbeans window you can set the customize the path in project URL as http://localhost/jobpanel/startbootstrap-creative-gh-pages/

   Screenshots for the same are provided below

3. **Home Page**: It is an open source template available on http://startbootstrap.com/template-overviews/creative/. Its license has been included in the document structure.

4. **Sign-up/login page**: It is an open source template downloaded from site https://codepen.io/ehermanson/pen/KwKWEv. Its license has been included in the document structure. I have customized it and made it into multi-form page. At the first form you sign up and at the next two forms you complete your profile.

   DESIGN: It has been designed using JAVASCRIPT, AJAX and HTML and PHP. The data from home.html,home_1.html,home_2.html file is sent to script.js from where an AJAX request is sent to the submit.php file. In submit.php file data is entered into database. After the proper entry of records the Ccontrol is re-directed to the next pages. If the user wishes to login then is credentials are matched and a session is created in submit.php

   5.**Header.php:** The header page is common for all pages. It includes bootstrap carousel and a navigation bar designed using PHP. In the Bootstrap navigation bar there is

   a. **Search bar**: The search bar suggets the user names of all the members of job panel. The search bar has been designed using Jquery and AJAX. When the user clicks the search bar, a function from javascript called suggest() is called. (This function is called from the header file). The suggest() function then sends an AJAX request to search.php whenever user types a letter on the search bar. In search.php all the matching names are fetched and suggestions are shown to the user. When the user clicks on a particular name another function named search() is called. This function re-directs the user to the required profile.

   b. **My Profile:** User profile is opened using this page. The user can customize only his profile and not any one else's profile.

   c. **Logout:** Designed using Logout.php the session is destroyed and a user is logged out of the site.

5. **Job-feed Page** (Reached from Latest jobs in navigation bar): After signing up you enter the job-newsfeed page. The job newsfeed page is on job_newsfeed.php.

   a. The job_newsfeed.php is designed putting into loop a bootstrap table. The code puts all the jobs in database in the bootstrap table. The records are fetched using dbconfig.php using MySql.

**b.** The right of the job_newsfeed page shows the relevant jobs available near to your preferred location. This is done using the same file dbconfig.php.

**c.** The left of the file allows you to browse jobs. You can select all jobs, or select a particular category. The clear selection will delete your selection. For example if you select skills as IPR, it will show only IPR jobs. If you then select clear selection then it will how all the jobs thereby deleting your previous chosen category. The code for this works by fetching the selection from job_newsfeed.php and then sending the selection to selectteam1.php. In the selectteam1.php all the selection values are stored in an array. The array is then stored in an session variable, thus making it global. The control is then redirected to job_newsfeed.php page. In the job_newsfeed.php dbcofig.php is called. In dbconfig.php first it is checked weather SESSION variable is empty or not. If the session variable is empty that means user made no SELECTION and a general query is implemented. Otherwise the query for the selection of items is implemented.

**d.** On clicking any particular job you enter the Job stats page. The job stats page shows the google charts showing the job stats. The reference for the same [https://developers.google.com/chart/interactive/docs/gallery](https://developers.google.com/chart/interactive/docs/gallery). Once the user clicks a job the control of the program is redirected to the conn.php along with the job-id. In the conn.php code is written to load respective charts.

6. **User-News page** (Reached from home section in navigation bar): It is present on user_news.php. The user_news.php is designed putting into loop a bootstrap table. The code puts all the users in database (table1) in the bootstrap table which is then outputted on the web page. The records are fetched using MySQL in database2.php. Clicking on a particular user opens up his/her profile. The code for the same is done by fetching the user id and sending it to the user profile page . The user can view all the profiles but can edit only his profile

7. **User-Profile:** This is the customized user profile which shows user published papers, his education and a brief introduction at the top. It has

been created using Jquery, AJAX and javascript.  The profile can be edited using an edit icon at the top.    The edit icon is shown only if the session["id"] of the user matches with the id of the profile which the user clicks. The code for the same is on user_profile page. If the edit icon is clicked a jquery function is called. In the jquery function the ADD and SUBMIT buttons which were previously invisible are then shown.  When the user clicks on the "ADD button" then the NewPublished() function is called that creates the new textboxes dynamically. The new textboxes are then appended dynamically to a div variable. The same code goes for the education page.