Due Date: Nov 04, 4:00pm

Design a web based Application

Assignment 6

# Create a web based application which helps a user to manage his resume. The user needs to be registered in the system and after logging into the application, he can create a new resume, view his existing resume, make changes to the existing resume. Also new user has the ability to register themselves in the application.

## Feature List:

1. Ability for a registered user to log into the system, where the username and password is mentioned in the system.
2. User can create a new resume if not created.
3. User can view and/or edit his existing resume.
4. User should have the ability to save his progress. (Either at every step *or* at the final step)

Note: Save means persisting the changes to database.

1. Resume building should contain the following category.
   1. Lines About Yourself
   2. Location
   3. Education Info
   4. Academic Project
   5. Skill Set
   6. References **(New)**
   7. Any additional information also needs to be captured.
2. A new user should have the ability to Register via the application. (Note: Registration would be a different flow that doesn’t need any Session.
   1. Flow: Login Page will have a button to register, on click of register the new user will input his details , after clicking save. He can either go the Login Page or can be logged in and start using the application.
   2. Capture 5 files for Registration ( eg: Username, Name , DOB, … )

## Architecture:

1. Create an MVC style application.
2. **Controller** responsibility are.
   1. Session Validation
   2. Navigation Control.

**Note**: Current State and Action, both will decide the page to navigate.

1. **View**, would be a JSP page, but is supported by a Servlet to help in getting the model for the view to display the information ( eg: OrderServlet get the model may preprocess and forward request to Order.jsp to display)
2. **Model**, this would represent the information in POJO format to be displayed

***Reference to MVC discussion in class and lab.***

**Important Note:**

1. *Please treat this assignment like a mid-term assignment.*
2. *Weightage for this assignment will count against - Weekly Presentations (10%)  .*

## Note

1. **No Late Submission**.
2. TA will only assist in Tomcat/Eclipse and JSP/Servlet issues.
3. **Any Student found copying or assisting other students by sharing will receive an F grade.**