

PROBLEM STATEMENT:

“MeraJobSearch” is an online job portal. Through this application client expects the following functionalities like – Search job (for jobseeker) and Post Job (for company).

Requirements of the application are detailed in the following sections in the form of descriptive use cases.

Objective

This assignment will assist the trainees in getting a feel of the complexities involved in any live project. This will also help them in strengthening their technical fundamentals that they might have picked while undergoing the compulsory technical training.

Scope

The system would incorporate following functionalities:

- Ability to perform the job search and apply for it
- Ability to post the job and view the applicant’s profile.

Technologies to be used

The assignment will be based on the following technologies:

- Visual Studio 2005 / 2008
- .NET Framework 2.0 / 3.5
- IIS
- SQL Server 2005 / 2008
- ASP.NET with C#

Assignment Assessment

Assessment of the assignments would be done on the following parameters along with its accompanying weightings:

- Completeness – 20/100
- Modularity – 15/100
- Adherence to OOP concepts – 20/100
- Adherence to Coding Standards – 15/100
- Exception Handling – 15/100
- UI Layout and Accessibility – 15/100

1. User Login (After Jobseeker registration):

- a. Only registered users can login
 - i. Registered user can login by providing user type, username and password.
 - ii. User type can be –Jobseeker, Employer.

- b. **Registering Jobseeker:** Use following details for jobseeker registration.

User Name	Mandatory	Unique
Password	Mandatory	Should be at least 8 characters long
City	Mandatory	<ul style="list-style-type: none"> Should be contained in a dropdownlist which will be populated from some master table In case of "Others" being entered, a textbox should be presented wherein user can enter the name of the city
JobCategory	Mandatory	<ul style="list-style-type: none"> Should be contained in a dropdownlist which will be populated from some master table Values can be like Software, Hardware, Business Development, HR, Finance

c. Company Registration: Use following details for Company registration.

User Name	Mandatory	Unique
Password	Mandatory	Should be at least 8 characters long
Company Name	Mandatory	
Company Address	Mandatory	
City	Mandatory	<ul style="list-style-type: none"> Should be contained in a dropdownlist which will be populated from some master table In case of "Others" being entered, a textbox should be presented wherein user can enter the name of the city
ContactPersonName	Mandatory	
ContactPersonEmail	Mandatory	
ContactPersonPhone	Mandatory	

2. Jobseekers Activities:

- Jobseeker should be able to search for Job:** Jobseeker should be able to search the job only after logging in to the site.
- Jobseeker should be able to apply for job:** After Jobseeker searches for the job, should use "Apply" button to apply for the job.

3. Employers Activities:

- Employer should be able to post job:** Employer should be able to post the job only after logging in.
- Employer should be able to view applicants for job and their profiles:** After selecting one of the job posted, should be able to view applicants applied for it. Also should view their profile.

WORK FLOW

Once a user hits the URL of the application, homepage should be displayed, It will have links to register Jobseeker and Company. And also login for both of them. Login screen would be presented wherein he/she will enter the user credentials along with their login types. Based on the login type, which would be either of Job Provider or Job Seeker, a dashboard screen would appear. Following table will detail the

role based dashboard information to be displayed along with the menu items in the left hand / Top menu bar (Left to the developer for implementation):

Role	Menu Items
Job seeker	Job Search
Employer	Create/Update Job
	View Applicants

Note: Use appropriate table structure. Normalize databases.