# CSC 431

# IT Job Forum

# Software Requirements Specification (SRS)

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#### Team #12

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# Version History

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| Version | Date | Author(s) | Change Comments |
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### 1. System Requirements

#### 1.1 Functional Requirements

#### *< List all functional requirements in the following example format >*

#### 

##### 1.1.1 Sign Up Page

|  |  |
| --- | --- |
| Title | Sign up page |
| Description | A platform allow new users to create an account and save their information |
| Priority | 0 |
| Precondition(s) | Navigate to the website to the login/register landing page |
| Basic Flow | User clicks sign up button to open form **User enters their phone number or email address** User picks up their own passwordUser directed to login page |
| Postconditions(s) | User directed to login page |
| Use Case Diagram | TBA |

#### 

#### 1.1.2 Login page

|  |  |
| --- | --- |
| **Title** | Login page |
| Description | A platform for users to enter their existing account information and log in to their personalized page. |
| Priority | 0 |
| Precondition(s) | User account has is existed |
| Basic Flow | Navigate user to the login pageUser enters email and password to loginPassword forgotten, click link and it will navigate the option to reset the passwordUser clicks login buttonUsername and password are checked against the database |
| Postconditions(s) | The user can access the main page of the website |
| Use Case Diagram | TBA |

#### 1.1.3 Personal HomePage

|  |  |
| --- | --- |
| **Title** | Personal HomePage |
| Description | A page for users to upload the personal resume or enter the personal information. And users can just use this link for sharing with others. |
| Priority | 0 |
| Precondition(s) | the user has logged into his own account |
| Basic Flow | navigate to personal information page **user upload the personal resume**  **user enter the personal information** |
| Postconditions(s) | prompt the share option,enabling users to jump to other apps to share the resume |
| Use Case Diagram | TBA |

#### 

#### 1.1.4 Create a Post

|  |  |
| --- | --- |
| **Title** | Create a Post |
| Description | Users can post their Job opportunity, or share interview experience on the website. |
| Priority | 0 |
| Precondition(s) | User is logged in |
| Basic Flow | Users click “create” to get ready to write in whatever they want. Users must type in a topic.Users choose a field, and the system will add a tag to this post automatically.User clicks “finish” to post it. |
| Postconditions(s) | A post will be published with a tag |
| Use Case Diagram | TBA |

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#### 1.1.5 Comment Post

|  |  |
| --- | --- |
| **Title** | Comment |
| Description | users can reply the posts of other users |
| Priority | 1 |
| Precondition(s) | there are existed posts and the user has already logged in |
| Basic Flow | **navigate the users to the forum**  **show the posts of other users**  **users can comment the posts or reply the comments from other users** |
| Postconditions(s) | **update the page**  **show the up-to-date comments to all users** |
| Use Case Diagram | TBA |

#### 

#### 1.1.6 Job Track Calendar

|  |  |
| --- | --- |
| **Title** | Job track calendar |
| Description | It will be a calendar, and users can update their calendars by themselves. And also we will add some job information based on their prefered companies in the backend. |
| Priority | 4 |
| Precondition(s) | User is logged in |
| Basic Flow | Users need to choose which companies they prefer when they create their accounts. System will create the calendar automatically. |
| Postconditions(s) | A post will be published with a tag |
| Use Case Diagram | TBA |

#### 

#### 1.1.7 Setting

|  |  |
| --- | --- |
| **Title** | setting |
| Description | Users can change their profile which shows in their home page here. |
| Priority | 2 |
| Precondition(s) | User must have created their own homepages |
| Basic Flow | Users click “setting” to get the changing interface.Users can change all the fields.User click “save” for save data, or “discard” to cancel |
| Postconditions(s) | User can have a updated homepage |
| Use Case Diagram | TBA |

#### 

#### 1.2 Non-Functional Requirements

#### *< List all non-functional requirements in the following example format >*

##### 1.2.1 External link

|  |  |
| --- | --- |
| Title | External Link |
| Description | When users create their homepage, the system will ask them to fill in their social media link. These links will be saved and shown in their homepage in “logo form”. |
| Priority | 3 |
| Applicable FR(s) | 1.1.3 personal homepage |

#### 1.2.2 Like

|  |  |
| --- | --- |
| Title | Like the post or homepage |
| Description | Users can like the posts and other’s personal homepage. |
| Priority | 3 |
| Applicable FR(s) | 1.1.3 personal homepage |

#### 

##### 1.2.3 Message Notice

|  |  |
| --- | --- |
| Title | Notice |
| Description | It will notice users to see new replies and other related stuff. |
| Priority | 2 |
| Applicable FR(s) | 1.1.5 Create a Post 1.1.6 Comment a Post |

##### 1.2.4 Report Junk Post

|  |  |
| --- | --- |
| Title | report junk post |
| Description | Since anyone can create an account to publish a post, we need this option for keeping a healthy environment. |
| Priority | 5 |
| Applicable FR(s) | 1.1.5 Create a Post 1.1.6 Comment a Post |

#### 

### 2. System Constraints

#### 2.1 Tool Constraints

#### *< List all tool constraints in the following example format >*

##### 2.1.1 Requirement Title

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

#### 

#### 2.2 Language Constraints

#### *< List all language constraints in the following example format >*

##### 2.2.1 Requirement Title

|  |  |
| --- | --- |
| Title | Language requirement |
| Description | We plan to make our website support both EN and CN. |
| Priority | 4 |

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#### 2.3 Platform Constraints

#### *< List all platform constraints in the following example format >*

##### 2.3.1 Requirement Title

|  |  |
| --- | --- |
| Title | platform requirement |
| Description | We need CDN to make sure that users can access our website from anywhere in the world. |
| Priority | 5 |

#### 2.4 Hardware Constraints

#### *< List all hardware constraints in the following example format >*

##### 2.4.1 Requirement Title

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

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#### 

#### 2.5 Network Constraints

#### *< List all network constraints in the following example format >*

##### 2.5.1 Requirement Title

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

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#### 2.6 Deployment Constraints

#### *< List all deployment constraints in the following example format >*

##### 2.6.1 Deployment requirement

|  |  |
| --- | --- |
| Title | Deployment requirement |
| Description | We need a server for our website. In this way, everyone could use our website. |
| Priority | 0 |

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#### 2.7 Transition & Support Constraints

#### *< List all transition & support constraints in the following example format >*

##### 2.7.1 Requirement Title

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

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#### 2.8 Budget & Schedule Constraints

#### *< List all budget & schedule constraints in the following example format >*

##### 2.8.1 Server requirement

|  |  |
| --- | --- |
| Title | Server requirement |
| Description | Since this is a website, we definitely need to pay some fees for an online server. |
| Priority | 0 |

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#### 2.9 Miscellaneous Constraints

#### *< List all miscellaneous constraints in the following example format >*

##### 2.9.1 Requirement Title

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

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### 3. Requirements Modeling

#### *< List all Use-case diagrams for the functional requirements in the following format>*

#### 

##### 3.1.1 Requirement Title

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### 4. Evolutionary Requirements

#### 4.1 Functional Requirements

#### *< List all functional requirements in the following example format >*

#### 

##### 4.1.1 Charge Requirement

|  |  |
| --- | --- |
| Title | Charge Requirement |
| Description | Users can pay, and make their posts to be at the top of the page. Thus more other users can see this post. |
| Priority | 5 |
| Precondition(s) | Create post |
| Postconditions(s) | <What happens as a result> |
| Use Case Diagram | <Link or number, if present> |

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#### 4.2 Non-Functional Requirements

#### *< List all non-functional requirements in the following example format >*

##### 4.2.1 Requirement Title

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |
| Applicable FR(s) | <Which functional requirement(s) is this applicable to?> |

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