

# SW Engineering CSC648/848

## Spring 2021

Application Title: Milestone

### Section 02 - Team 06

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Jooyoung Kim - GitHub Master

Jeffrey Ye - Database Manager

### Milestone 3

History Table

Submitted	Revised
4/6/2021	
Revision Summary	
<p><u>CEO/CTO M3 Feedback</u> Thank you, Milestone team. As we reviewed the application, we saw a brand-new UI from last milestone. It seems that new modules and templates were incorporated to the site. Make sure that as you are integrating components to your site, you customize them as needed according with our functional requirements; otherwise, you will have forms, data and displays that are adding complexity to a desired clean application/site. We are fast approaching GA, and more P1 requirements need to be implemented, make sure you manage your time properly.</p>	



# 1. Functional Requirements

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## Priority 1

### Users

1. First-time visitors shall be onboarded.
2. Guests (students, and headhunters) who do not want to sign up yet, shall be able to search.
3. Search capability for new graduates or students by **graduation date, academic standing**, major, demographics, and military code.
4. **Students shall be able to view and edit profiles.**
5. **Students shall be able to search for open positions of interest to them.**
6. Students shall be able to apply to a job posting.
7. Headhunters shall register to use the system.
8. Headhunters shall create job postings.

## Priority 2

### Users

9. A new graduate or senior shall use the system to request endorsements from a professor at the university.
10. Endorsers shall rate students in a scale from 1-5 fashion, being 5 the highest ratings that implies knowledge, responsible, teamwork, leadership, committed to success, etc and enter recommendations.
11. Headhunters shall specify demographic preferences and have results highlighted accordingly.

### Admin

12. An Administrator shall verify a headhunter.
13. Administrative capabilities shall trigger matching alerts to a headhunter and student that fits qualification of a job posting by headhunter.

## Priority 3

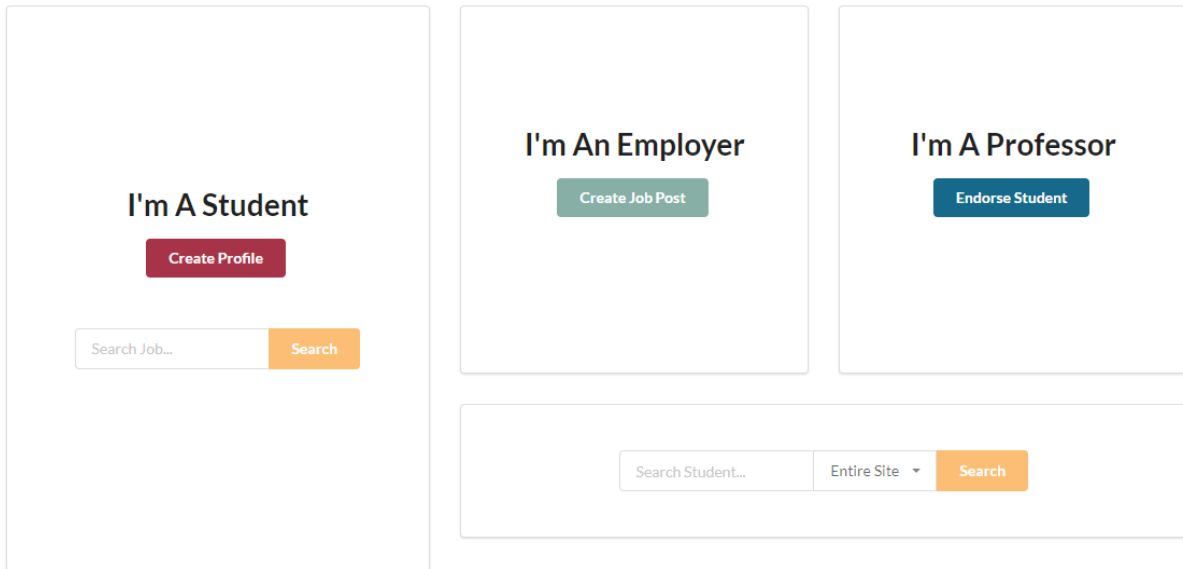
### Users

14. Students shall have the option to automatically build a profile from their resume.
15. Students shall be given suggestions to improve their profiles.
16. Students and headhunters shall participate in a chat dialogue.
17. Endorsers shall be able to login with verification of university email.
18. Students shall be able to upload video to showcase skills.

## 2. UI Feedback

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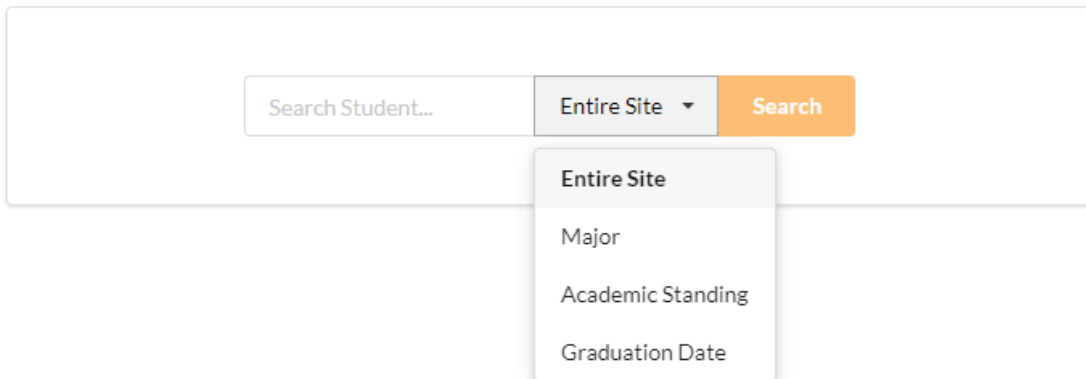
### Landing Page



The landing page mockup consists of three main columns and a bottom search bar. The left column is for students, featuring the text 'I'm A Student', a red 'Create Profile' button, and a search bar with 'Search Job...' and an orange 'Search' button. The middle column is for employers, featuring the text 'I'm An Employer' and a green 'Create Job Post' button. The right column is for professors, featuring the text 'I'm A Professor' and a blue 'Endorse Student' button. The bottom search bar contains a 'Search Student...' input field, a dropdown menu currently set to 'Entire Site', and an orange 'Search' button.

- Our current landing page focuses on our first 3 priorities in the list above. We created a design that is explicit on what type of users our application has. We focused our groups accordingly. A student would want to search for a job, whereas an employer or professor would want to search students.

### Student Search



The student search mockup shows a search bar with a 'Search Student...' input field, a dropdown menu currently set to 'Entire Site', and an orange 'Search' button. The dropdown menu is open, showing the following options: 'Entire Site', 'Major', 'Academic Standing', and 'Graduation Date'.

- Received feedback on filtering occurring properly. Our team was advised to add more options in the dropdown menu. These have been laid out in our priorities list above in green font.

## Search Results

<b>Jane Doe</b> Business Graduation Date: 05/21/21 Academic Standing: Senior	<b>Bob Stevens</b> Ethnic Studies Graduation Date: 2023 Academic Standing: Sophomore
<b>Jeffrey Ye</b> Computer Science Graduation Date: Fall 2021 Academic Standing: Senior	<b>Maria Caravez</b> Computer Science Graduation Date: 5/21/21 Academic Standing: Senior
<b>Peter Ijeoma</b> Computer Science Graduation Date: Academic Standing: Senior	<b>Bera Coskun</b> Computer Science Graduation Date: Academic Standing: Senior
<b>Jooyoung Kim</b> Computer Science Graduation Date: Academic Standing: Senior	

- Currently, our search results appear, but we are not able to view their full description. Essentially, we want to create a route to the page of each profile.

<b>Full-Time</b> Public Rights Project Looking for designer to implement new website.	<b>Full-Time</b> Wholefoods Looking for manager to manage staff.
<b>Intern</b> Google Cutting edge developer internship.	<b>Full-Time</b> Public Rights Project Looking for designer to implement new website.
<b>Full-Time</b> Wholefoods Looking for manager to manage staff.	<b>Intern</b> Google Cutting edge developer internship.
<b>Full-Time</b> Public Rights Project Looking for designer to implement new website.	<b>Full-Time</b> Wholefoods Looking for manager to manage staff.
<b>Intern</b> Google Cutting edge developer internship.	

- Routing of pages for job postings would also be implemented and include an application button for students to meet Priority 1 requirement.

### 3. Task Distribution

Our team focuses on meeting together regularly and because there are a couple of us who are familiar with JavaScript, we are able to share our knowledge and fix or implement any issues amongst our full stack.

#### Front End Tasks

- Profile & Resume Form
  - Implement file upload - *Bera*
  - Make forms editable - *Maria*
- Job Post Form - *Maria*
  - Mocks the resume form.
- Student Dashboard
  - Edit profile option - *Maria*
  - View application of jobs - *Bera*
- Headhunter Dashboard - *Maria & Bera*
  - Display user's job postings
  - Create a job posting
  - Employer information
- Endorser Dashboard - *Maria & Bera*
  - Department information
  - Display Rating requests

#### Back End Tasks

- Routing - Peter & Jooyoung
  - Models, Controllers, Routes
- Database Tables - Jeffrey
  - Constraints for user types
    - Headhunters - job post
    - Students - user attributes
  - Finalize table items