COMP9323 - 2021

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Phase 1 - Project Scoping and Features Identification

Vision Statement

The goal of our project is to allow universities to create an **interactive online careers fair** that connects employers who are advertising their graduate and internship roles with eager students.

General Goals

- Provide a platform where universities can organize a virtual careers fair space for employers and students.
- Allow employers to provide information about themselves and list their available graduate and internship roles for students to apply.
- Allow employers to schedule and host live event presentations.
- Connect students with employers via Q&A functionality.
- Allow students to maintain profiles with contactable details, work experience, project experience, academic achievements and technical competencies.

Group/Team Goals

Frontend Team (Max & Sean & Wanchen)
- Implement the web pages that the users can interact with based on the prototype
- Calls APIs of Backend team
- Optimise user experience through the principles of human centered design
- Makes sure that UI is accessible for those with a disability

Backend Team (Arthur & Thornton & Yulia)
- Defines data to be stored and process by the system (different users, career opportunities and applications)
- Builds robust APIs to save/retrieve/manipulate data
- Provide API and framework where information can easily be transferred from backend to eventual frontend for integration
- Optimises APIs and database to minimise time to execute queries

Individual Team Member Goals
- **Arthur**: Development in the backend enabling Q&A feature, as well as overseeing database creation.
- **Max**: Development of the UI of the product, including both prototyping and the final product and ensuring that the UI of the product is accessible to those with disabilities

- **Sean**: Oversee development of frontend UI regarding employer and student profile interfaces
- **Thornton**: Assist with implementing a robust backend API and database aligned with user requirements
- **Wanchen**: Assist in the development of the frontend interface that can interact seamlessly with the backend. Perform frontend testing to ensure a smooth user experience.
- **Yulia**: Implement employer features in the backend including API and database.

Requirements/Features Analysis

- Schedule a careers fair event
  - As a university, I want to schedule a careers fair event, so that available employers are able to register their interest
    - **GIVEN** I am a university
      WHEN I click "Create careers fair" button
      AND I can set the dates of the fair and set up general information about it
      THEN a careers fair event will be scheduled.

- Employer registration
  - As an employer, I want to register an employer account, so that I can join a careers fair
    - **GIVEN** I am an employer on the home page
      WHEN I click the "Register" button
      AND I submit the employer registration form
      THEN my company account gets created.

- Scheduling a presentation
  - As an employer, I want to schedule a live online presentation, so that students can join it remotely
    - **GIVEN** I am a registered employer on the careers fair page
      WHEN I press "Schedule Presentation" button
      AND I pick a time for the presentation and submit
      THEN a presentation will be scheduled.

- Posting job opportunities
  - As an employer, I want to post a list of open roles, so that students can apply for them during the careers fair
    - **GIVEN** I am a registered employer
      WHEN I publish a new role
      THEN the new role will be available.

- Create student profile
  - As a student, I want to create a profile, so that my details are accessible to employers
    - **GIVEN** I am a student without a profile on the careers fair page
      WHEN I press on the sign-up as a student button
      AND submit a student registration form
      THEN my profile is created.

- Edit student profile
  - As a student, I want to be able to edit my profile, so that my personal information will be updated
    - **GIVEN** I am logged in to my profile page
      WHEN I press the edit button
      AND input new information
      THEN my profile details will be updated.

- Join live presentation
  - As a student, I want to join employer live presentations, so that I interactively gain a better understanding of an employer
    - **GIVEN** I am registered student on the careers fair page
      WHEN I follow a presentation link
      THEN I join the employer presentation

- Apply for a role
  - As a student, I want to be able to apply for a company role, so that company will consider me for employment
    - **GIVEN** I am a student viewing a role published by an employer on the careers fair
      WHEN I click the "Apply for Opportunity" button
      THEN I got applied for the particular role.

- Posting a question
  - As a student, I want to be able to post public, visible questions about job opportunities, so that I can find out more about the roles of an employer.
    - **GIVEN** I am on a company's Q&A page
      WHEN I fill out a question and press submit
      THEN my question will be submitted to the Q&A page.

- Upvote question
  - As a user, I want to be able to upvote questions, so that the visibility of the question will be higher.
    - **GIVEN** I am on a company's Q&A page
      WHEN I press the upvote next to the question
      THEN the question should increase in visibility.

- Sorting questions
    - As a user, I want to be able to sort Q&A questions, so that I can view questions in a desired order.
        - **GIVEN** I am on a company's Q&A page
        WHEN I press an option on the dropdown
        THEN the questions should become sorted according to the option.

- Answering questions
    - As an employer, I want to be able to answer the student's questions, so that I can provide them with clarifications to opportunities
        - **GIVEN** I am the employer on the Q&A page
        WHEN I fill out my response and press submit
        THEN the answer should be submitted.

Appendix

Additional general goal:
- Provide a filterable system for employers to quickly find appropriate or better-suited candidates for provided roles

The list of optional requirements:
- Filtering applicants for a position
  - As an employer, I want to be able to filter through applications for a role, so that I can find applicants that match what I am looking for
- University promotion of opportunities
  - As a university, I want to be able to promote specific opportunities, so that the university can further build the relationship between the university and employers involved
- Viewing past presentations
  - As a student, I want to be able to view previous employer live presentations, so that I can view careers fair content when I am unavailable at the time of the live event
- Live careers fair calendar
  - As a university, I want to see all of the events during the careers fair in my calendar as they are created
- Inviting students to apply for roles
  - As an employer, I want to invite students with specific qualifications my employer is interested in, so that they my employer may gain more suitable applicants