

## Project Week 1

This is the first week our team came together, our team had a 1.5 hours meeting.

Discussion topic includes:

- The direction our team is deciding to take regarding the project
- Project requirements, intentions and objectives.
- The methodology, roles, timeline.
- What we should research individually
- Cloud choice

Regarding the first point, generally we are talking about what kind of frameworks we'll be using, programming languages, version control etc. this includes the prior understanding of each team member's most proficient language. One of my team member, suggested using React because both of us have past experience or exposure to react and it seemed to us this is practical. For now, we are still unsure but are taking in suggestion and is one of the few points that has to be confirmed on a later date. On a side note, our team's members each has differing skill sets where we have different preferences for the language. So, before rushing to decide the programming language that we are going to use, the team agrees that it is better to leave this after we have sorted out fully understanding the project. And not to forget the version control, I suggested that we use git or GitHub as that is most used version control and will be useful skill to learn it now for the future. And this project is a very good opportunity.

The project requirement is to create an online automation system for SIM students and companies recruiting SIM graduates. I wanted to clearly understand functional and non-functional requirements aka Functionalities and Features.

After going diving through the net, I felt that this was the most clear-cut explanation given

*"Features are what your program can do. Features are a direct result of user requirements, and business objectives. Thus a program's features exist mainly to meet user demands.*

*Functionality, on the other hand, is how the aforementioned features are actually implemented."*

(Taken from <https://softwareengineering.stackexchange.com/questions/94164/feature-vs-function>)

Breaking down the project I get this:

- We are to develop a web application.
- The feature includes:
  - Login portal for Students & Recruiters respectively.
  - Personal & Professional profile of Students.
    - Permission to change privacy settings
    - Potentially about profile visibility, who can connect/message
  - Details of Recruiters
    - Company name
    - Jobs
      - Title
      - Vacancy spots
      - Description
      - Job scope
      - Criteria (requirements)
- Students Actions
  - View Recruiters (Active)
  - Apply for job (Active)
  - Notified about potential jobs (Based on interest and qualifications)
    - Only if profile is set to public
- Recruiters Actions
  - View profile of the list of Students that applied

- Initiate a communication with targeted student (Optional)
- Admin Actions
  - Access to all portals
  - Handles all login credentials.
  - Permission to modify information when & where necessary
  - Generate various reports ( Need more information ) to SIM
    - Reports excludes personal identity of Students
    - To understand employability of graduates
- Data
  - All data stored in the cloud
    - AWS
    - Azure

The intention and objective of the project is clear, which is to increase the employment rate for SIM graduates and also creating more opportunity and exposure for the graduates and recruiters respectively.

The cloud that we decided to use is AWS.