**Capstone Project Management Project**

**Summary**

SQL/Database heavy web based service

Either Ruby on rails or a combination of SQL, PHP and JS can be used for this project

As the current system where everything is manual and has very minimum control over InPlace, it is desired to develop a comprehensive and optimised system that benefits both students and the unit coordinators.

**Requirements**

Students must be able to sign up and edit personal information such as GPA, contacts, major and etc… (Week 0 – 1) This could be done by using hiQ API and auto generating users. (if possible)

Students must be able to form teams and add group members on their own. (Week 1)

The coordinators must be able to add and edit users in case of late enrolment etc.

The coordinators must be able to see a list of students who are not in a team at the end of the week and generate teams automatically, populating the database with student details (End of Week 1)

Groups can be generated either randomly or by an algorithm (Similar GPA/ Majors)

The ability to edit the teams.

The coordinators and industry partners must be able to upload projects and students must be able to apply for them. (Week 2)

Students must be able to upload cover letters and CVs.

One of the group members must be able to sign up the team for fortnightly meetings and presentations.

One of the group members must be able to rank projects on the behalf of the team. (Week 3)

Industry partners must be able to rank teams, either them or the coordinators should be able to do this by simply singing in and uploading the preferences. (Week 4)

Students must be able to submit/edit online reflection/fortnightly reports. Data such as name and student numbers must be auto prefilled. (Week 5) PDF files containing answers are to be generated.

Ability to mark groups/individuals for different assessment items is also desired.