

## Project Description & Marking Scheme – 35% of final grade

### Project Description

- Student services provides a number of support services for students across the college including Disability Support, Maths Support, Learning Development and Computing Support among others
- NCI is considering the development of an app to allow students to interact with these services via their mobile phones
- You have been tasked with developing a prototype for such an app using java
- Representatives from the services will outline the requirements in a WIMBA Q & A session
- The same representatives will return to review the prototypes at the end of the semester
- Each member of the team will take responsibility for a specific service
- All services should then be included in one complete seamless package
- In the circumstance where a group has less than 4 members, each member still takes only one service each

### Breakdown of Marks & Deliverables

#### Deliverable 1 (Object & Class Diagram) – Week 4

- One submission per group
- 20 marks out of 100
- All 20 marks are for the group contribution

#### Deliverable 2 (User Interface) – Week 7

- One submission per group
- 10 marks out of 100
- 5 marks are for the Individual contribution and the other 5 marks are for the group contribution

#### Deliverable 3 (Prototype of Service Section) – Week 10

- Individual submission of work
- 35 marks out of 100
- All 35 marks are for the Individual Submission, there is no group mark for this deliverable

#### Deliverable 4 (Full Prototype with file storage) – Week 12

- Only one submission per Group
- 35 marks out of 100
- 20 marks are for the individual contribution and 15 marks are for the group contribution

Marks will be awarded for the suitable implementation of each of the concepts covered in the module including Inheritance & Polymorphism, Swing, Arrays of Objects & ArrayLists and File Handling