UML Docs

Use Case Scenario ---> DONE

Use Case Diagram ---> DONE

Data Flow Diagram ---->DONE

State Machines ---> DONE

Input/Output Diagram ---> DONE

Use Case Scenario

Scenario – Attendance

Actors: Student

Lecturer

Development

1. Lecturer opens new attendance session on phone for lab, lecture, tutorial etc.
2. Student taps their ID on phone
3. NFC picks up tag and registers student with database match
4. Once lecturer is ready to begin, session is closed on phone.

Extensions

1a. Lecturer does not have phone.

* Lecturer borrows device or offers alternative attendance solution

1b. Lecturer fails to open session on device

* Lecturer diagnoses the problem or offers alternative solution

2a. Student does not bring card

* Manual Entry of student

2b. Student card cannot be read on NFC reader

* Check Card for damage and database

3a. Student is not found on database

* Manually check database and fix error

4a. Students arrive after session is closed

* Speak to lecturer after seminar.







