1. **Overview**

This document will serve as a summary of Lab 2. The summary includes the expected deliverables of the lab, as well as the detailed write-up of the respective deliverables.

1. **Deliverables**

The following defines the deliverables to be submitted to the Lab TA prior to Lab 3:

**2.1 Refine Use Case Models**

**2.2** **Build the Conceptual Model**

**2.3 Build the Dynamic Model**

1. **Refined Use Case Models**

The preliminary Use Case Diagram produced in Lab 1 is revised according to the feedbacks given.

* 1. **Feedbacks**

The preliminary Use Case Diagram is cluttered with many intersecting lines between use cases. The overall functionality of the system judged based on the Use Case Diagram and Use Case Description is decent, though further features may be added.

* 1. **Refined Use Case Diagram**

Diagram

Description automatically generated

1. **Use Case Descriptions**
2. **Class Diagram of entity classes**
3. **Key boundary classes and control classes**
4. **Sequence diagrams of some use cases**
5. **Initial Dialogue map (State Machine Diagram)**

The initial dialogue map according to the defined use cases is illustrated as follows:

Diagram, schematic

Description automatically generated