



# Assignment W3

## PLANET X PALS

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02.05.2025

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## 1. 1. Version Plan

Below is a brief overview of the planned versions and what each release will deliver. This was based on our group discussion and the initial scoping in Assignment W2.

### 1.1. Version Overview

The project will be developed in three main versions, each building upon the previous one to expand functionality and improve user experience.

**Version 1** focuses on delivering the core functionality required for the system to operate. This includes user registration and login, the ability to book gym classes, and a schedule viewer to browse available classes and times.

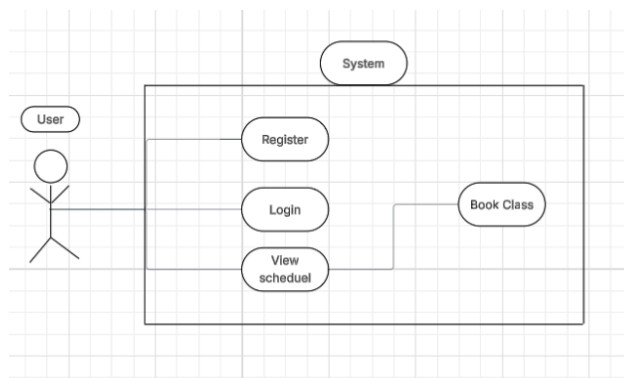
**Version 2** introduces additional features aimed at improving usability and engagement. These include a personalized user dashboard that displays workout statistics, a calendar view for managing scheduled classes, and tools for tracking personal progress over time.

**Version 3** focuses on final enhancements to the platform. This version will deliver detailed analytics and reporting features, including performance summaries for users. It will also introduce feedback forms for users and administrators, enabling better communication and system improvement.

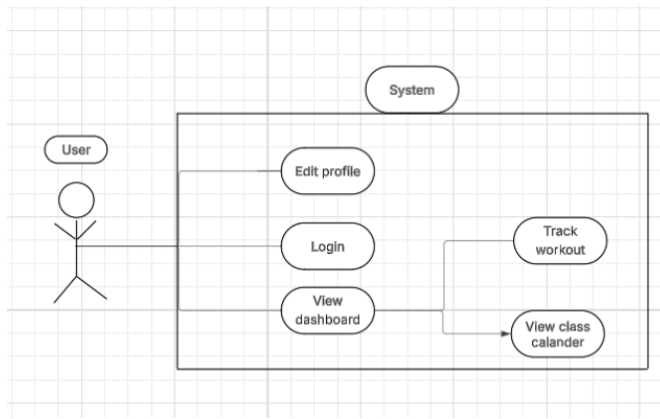
### 1.2. Use Case Diagrams

The following diagrams provide a high-level overview of user interactions and system use cases across the three versions:

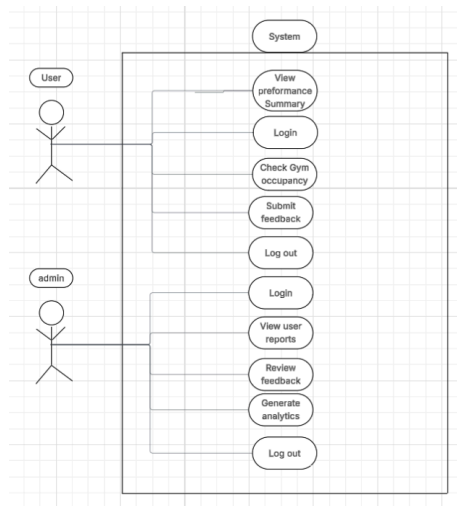
- **Use Case Diagram – Version 1**



- **Use Case Diagram – Version 2**



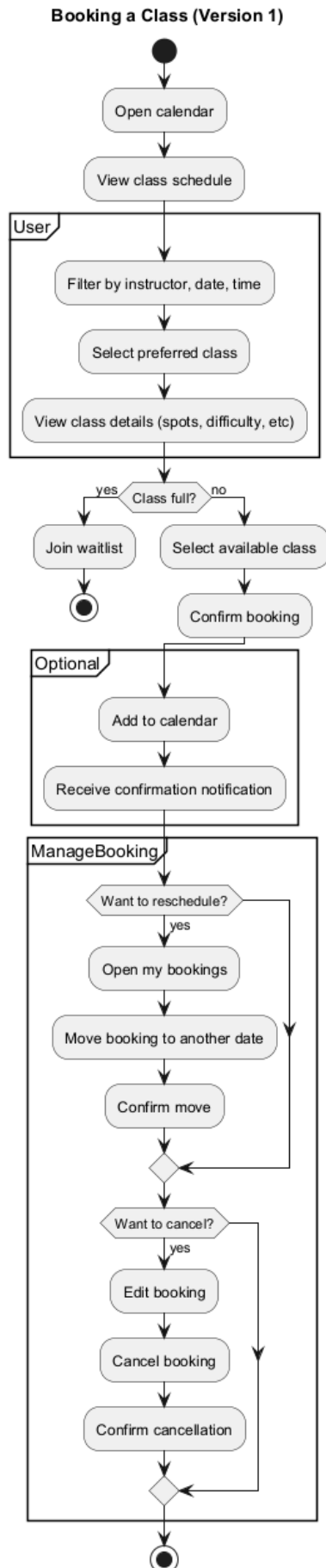
- **Use Case Diagram – Version 3**



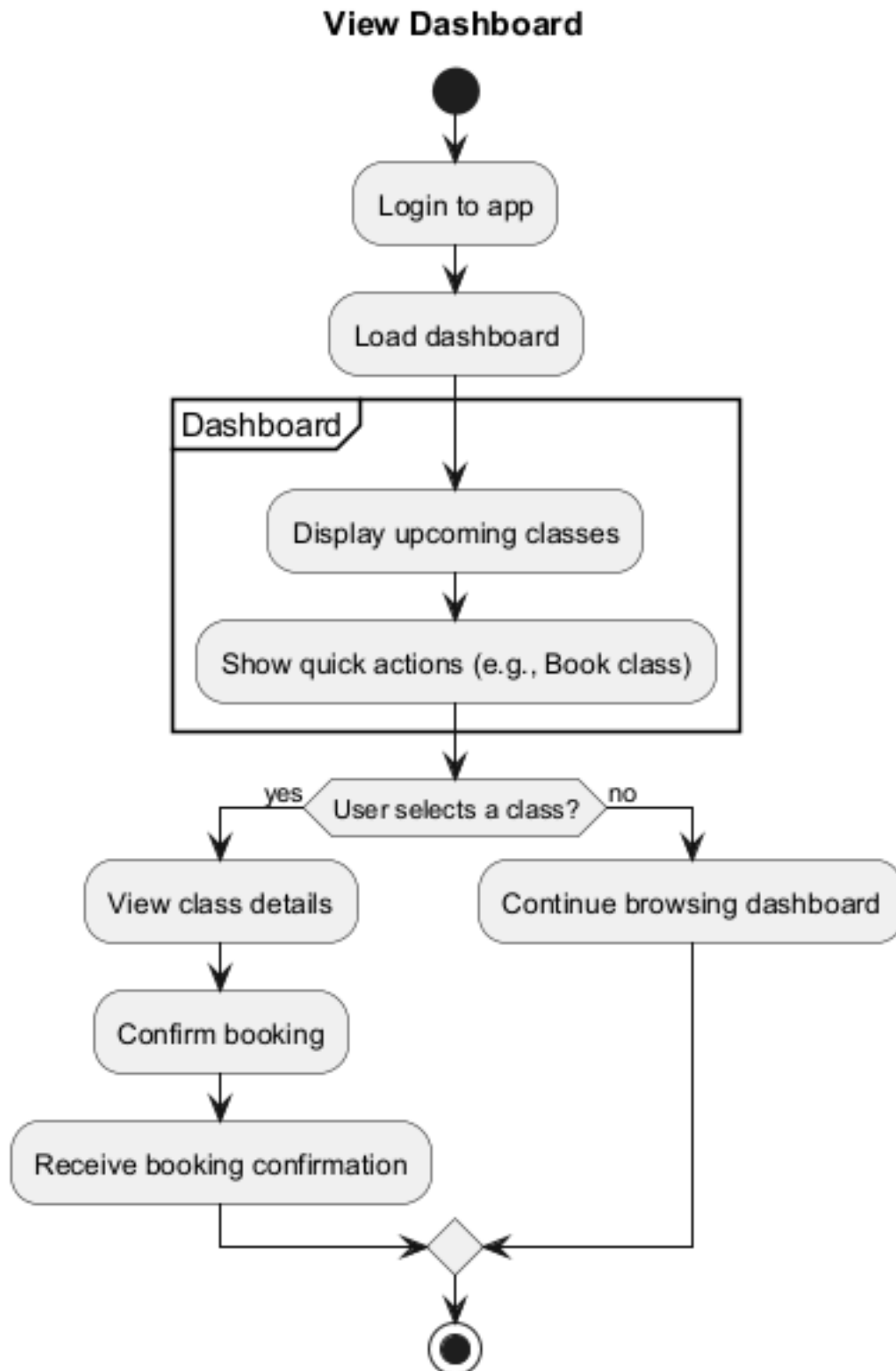
### 1.3. Activity Diagrams

Each of the following activity diagrams corresponds to one prioritized use case from each version:

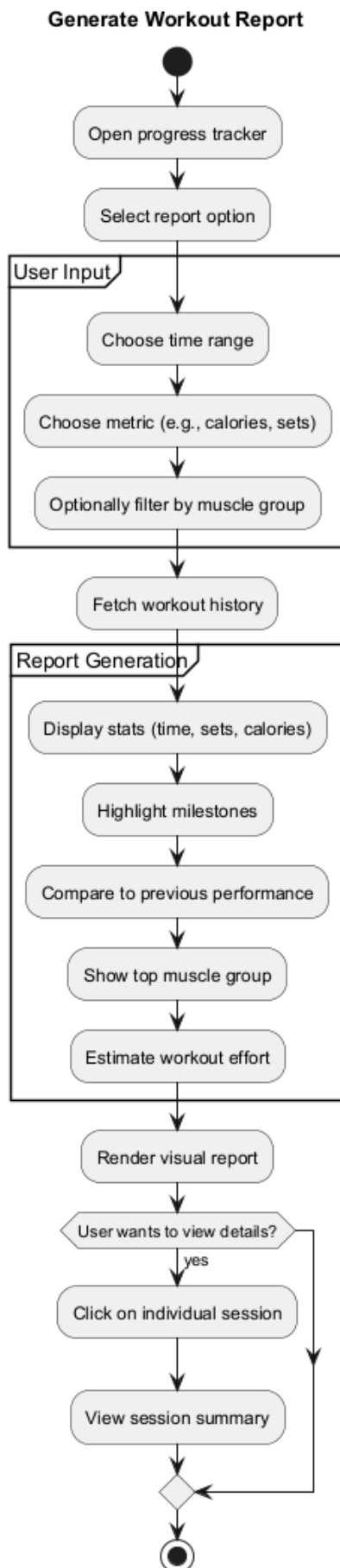
- **Activity Diagram – Booking a Class (Version 1)**



- **Activity Diagram – Viewing Dashboard (Version 2)**



- **Activity Diagram – Generating Workout Report (Version 3)**





### **1.4. Project Board**

You can track our project tasks, progress, and deliverables using the link below:

**Project Board Link:** <https://github.com/users/Menchcruts/projects/1>