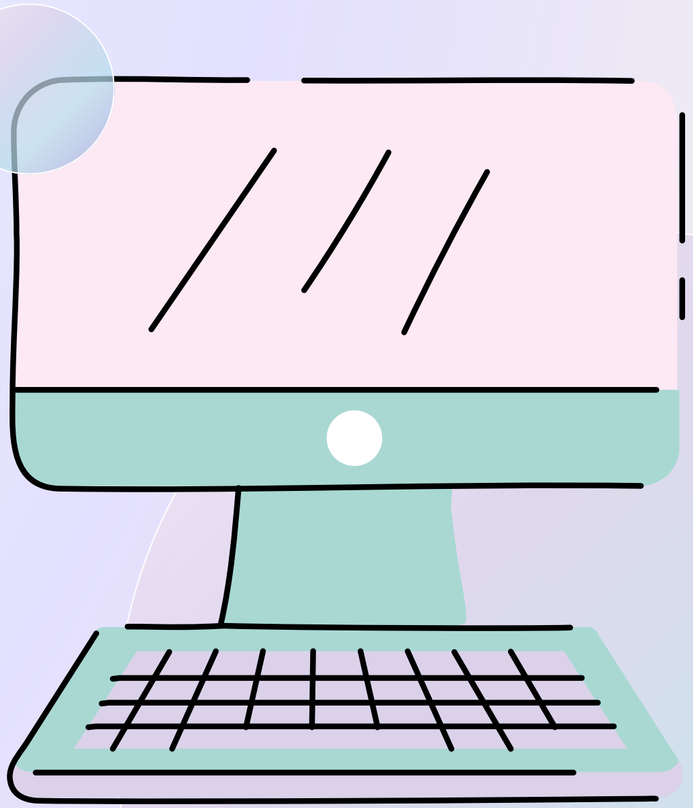
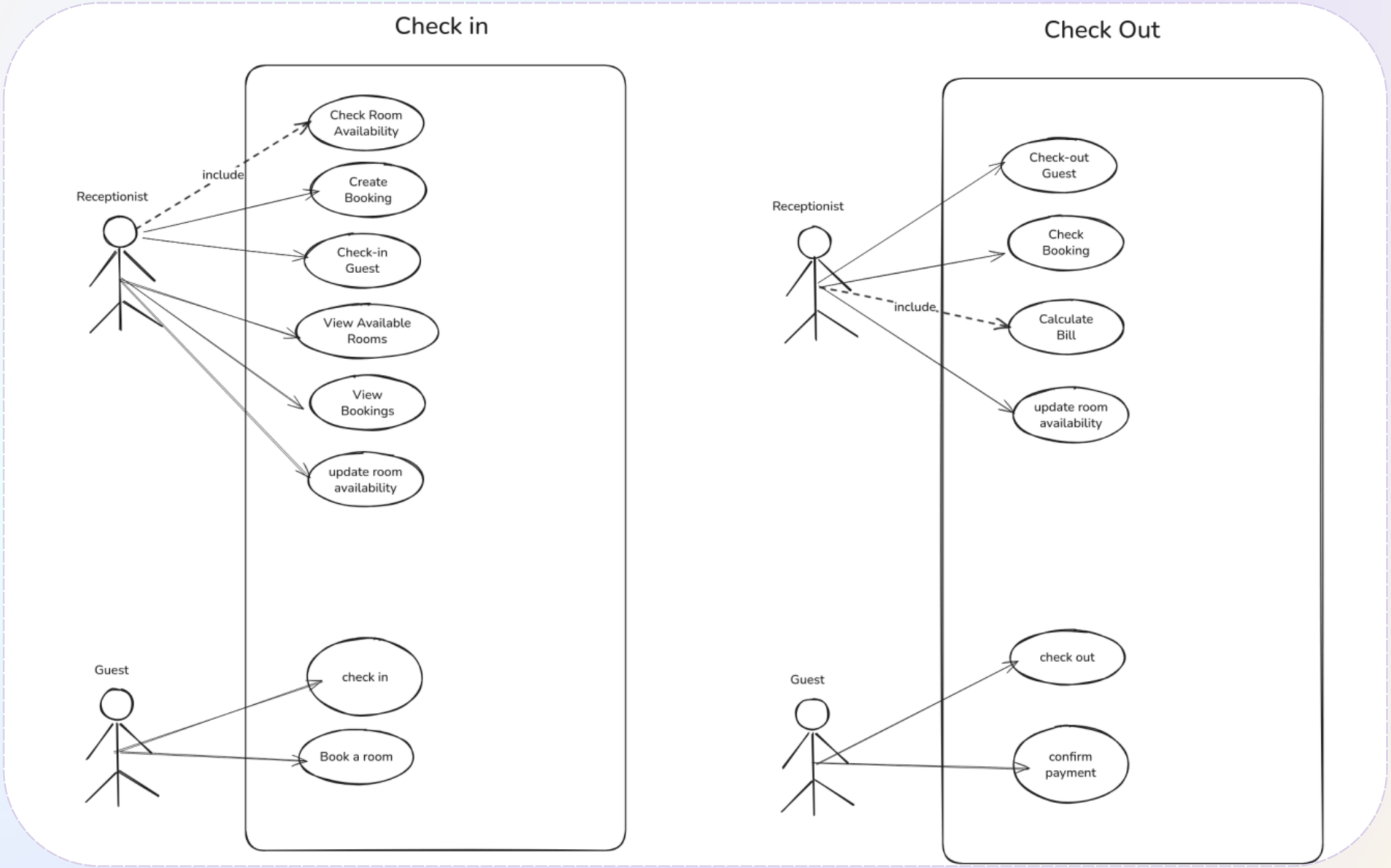
SWE PROJECT

- Nouran Aly
- Heba Maher
- Somaya Ayman
- Nagham Mohamed

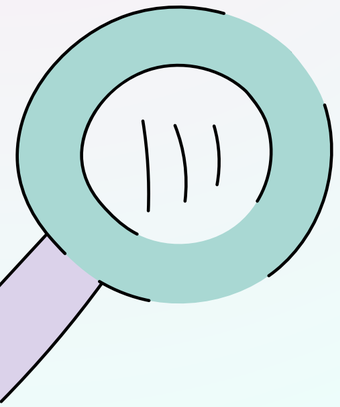


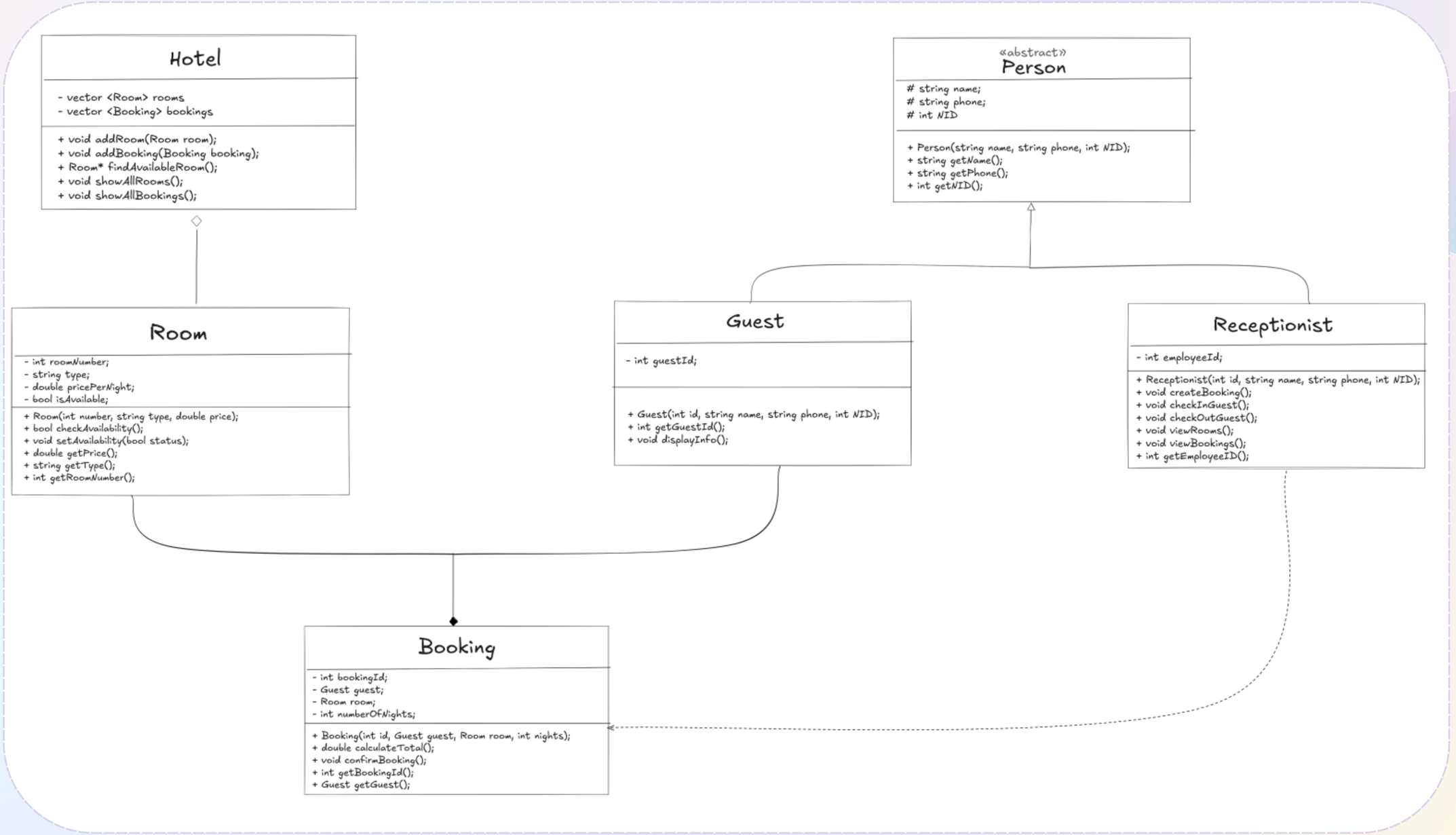
AGILE BASED
HOTEL MANAGEMENT SYSTEM

Use Case Diagrams

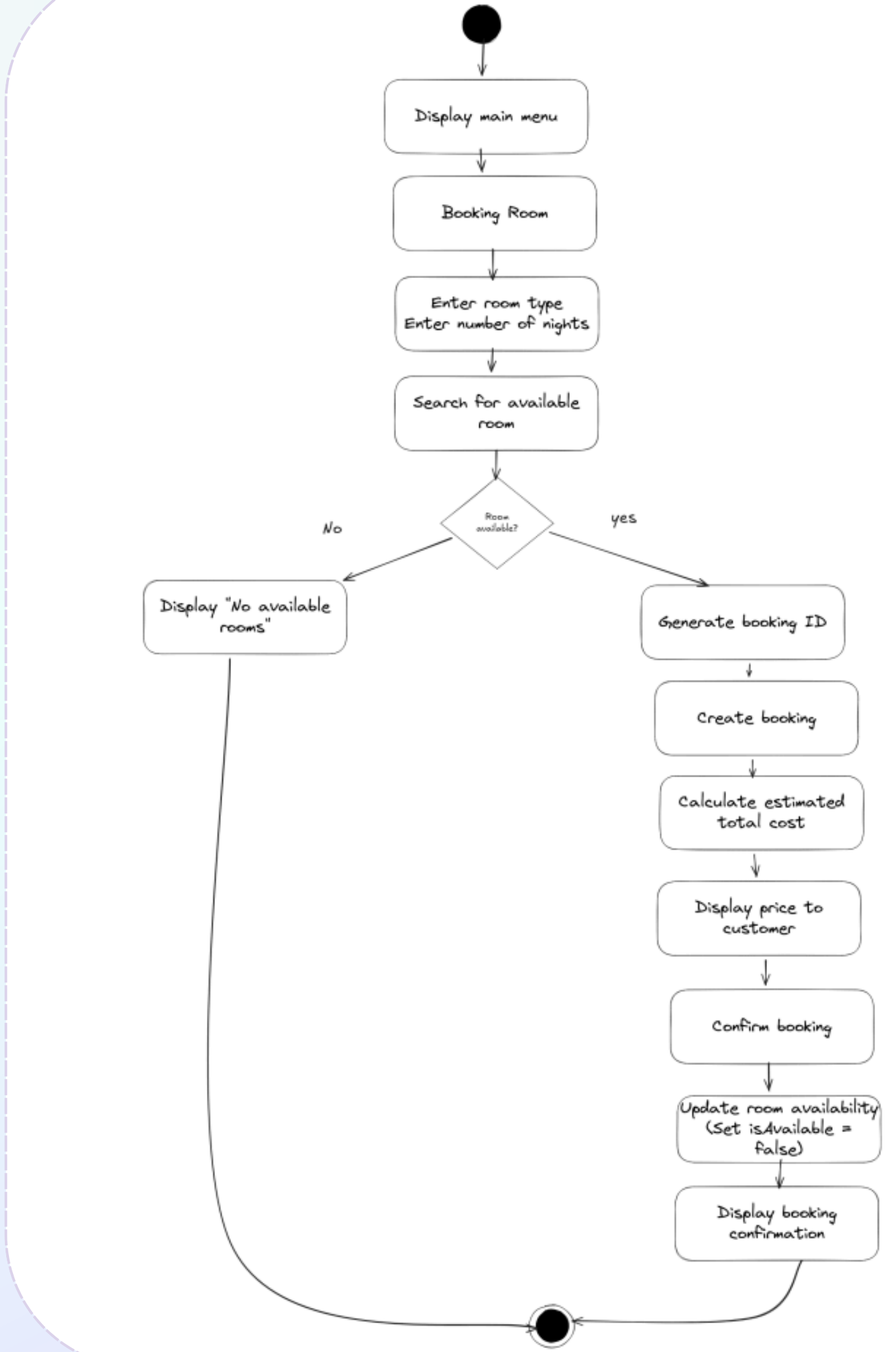


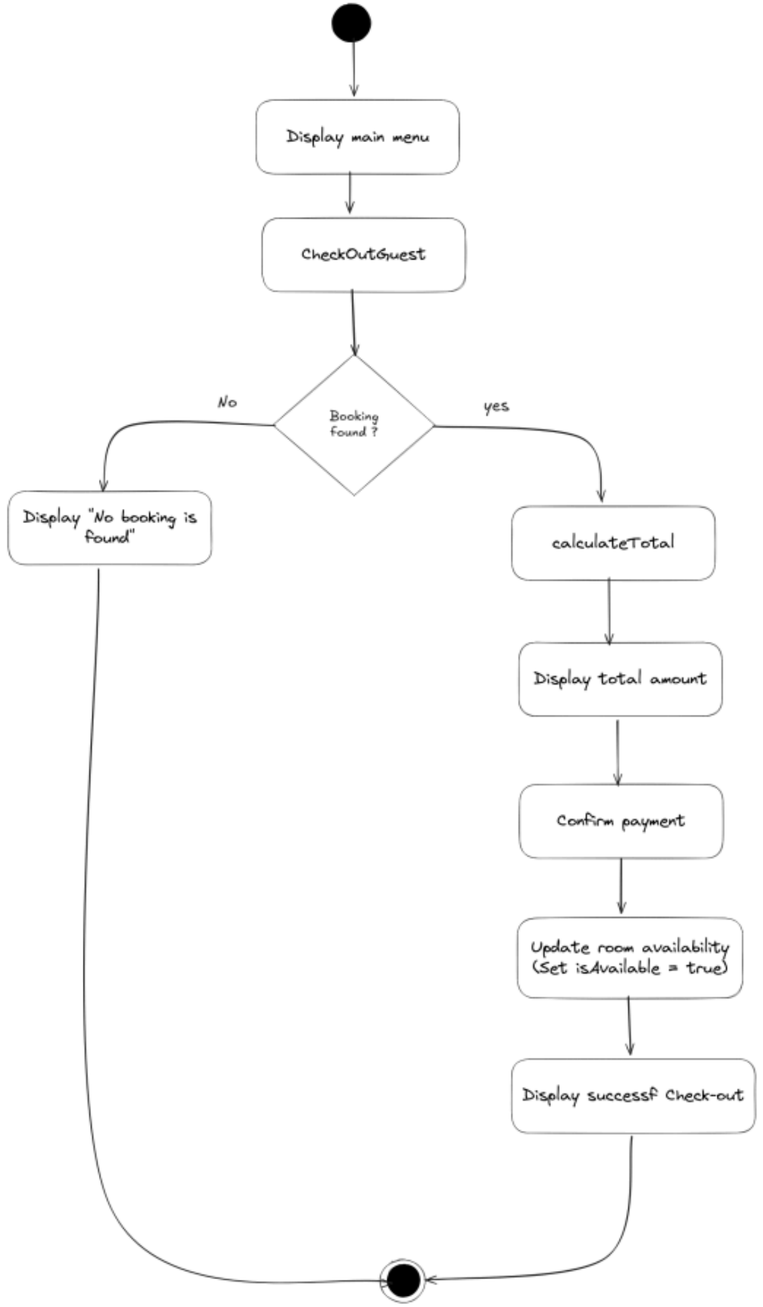
Class Diagram



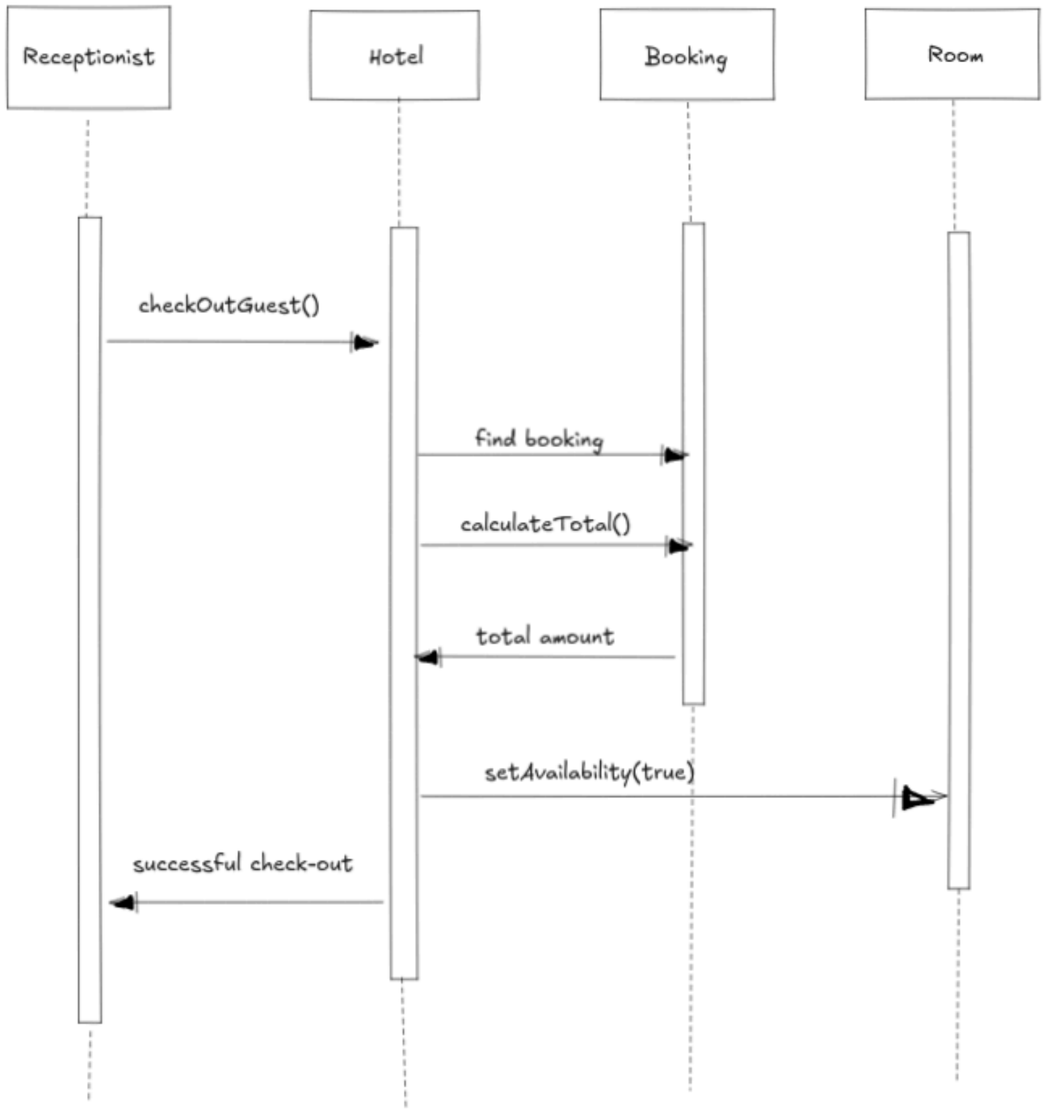


Activity Diagrams

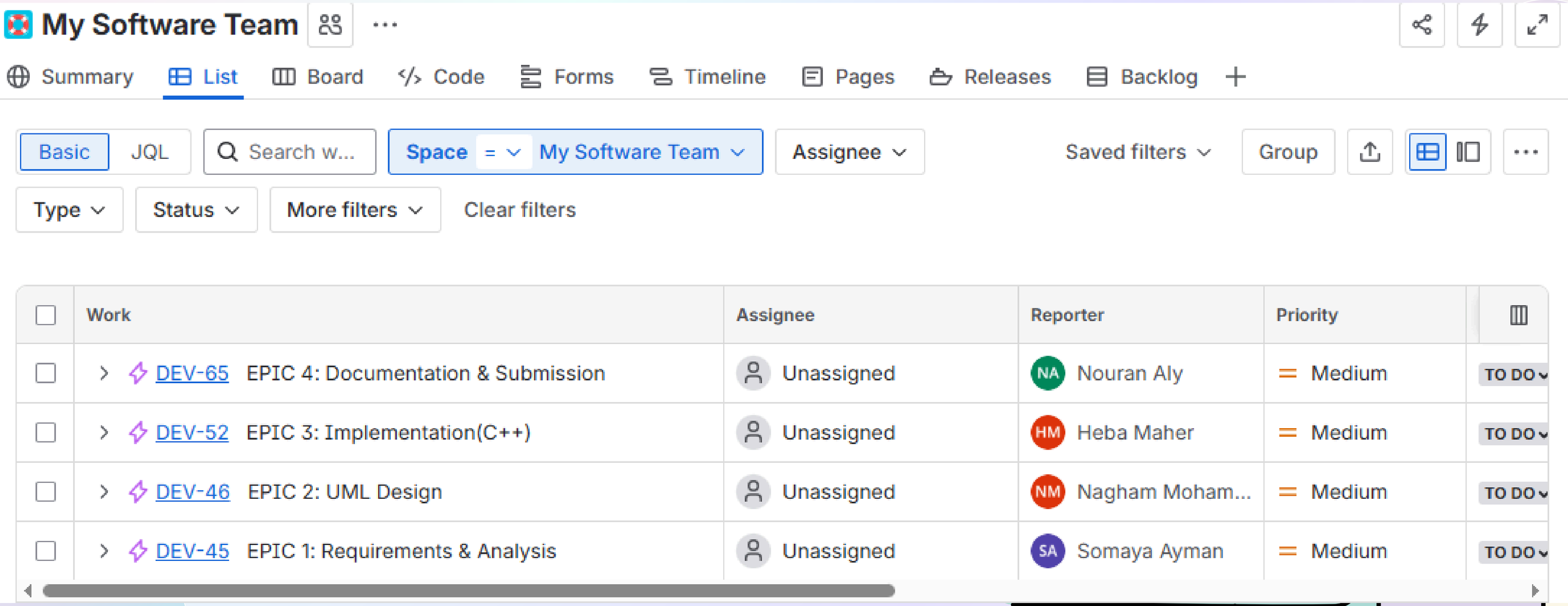




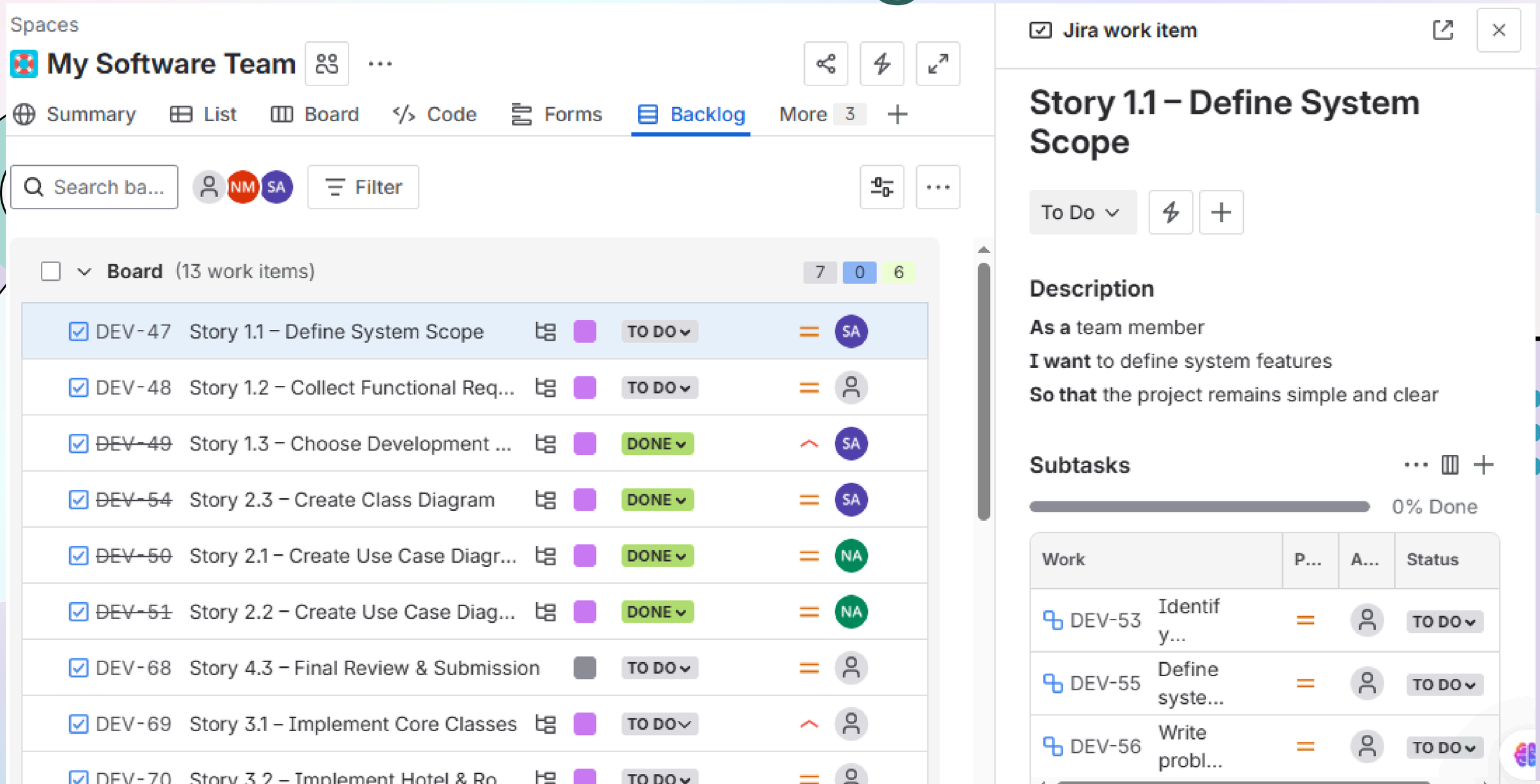
Sequence Diagram



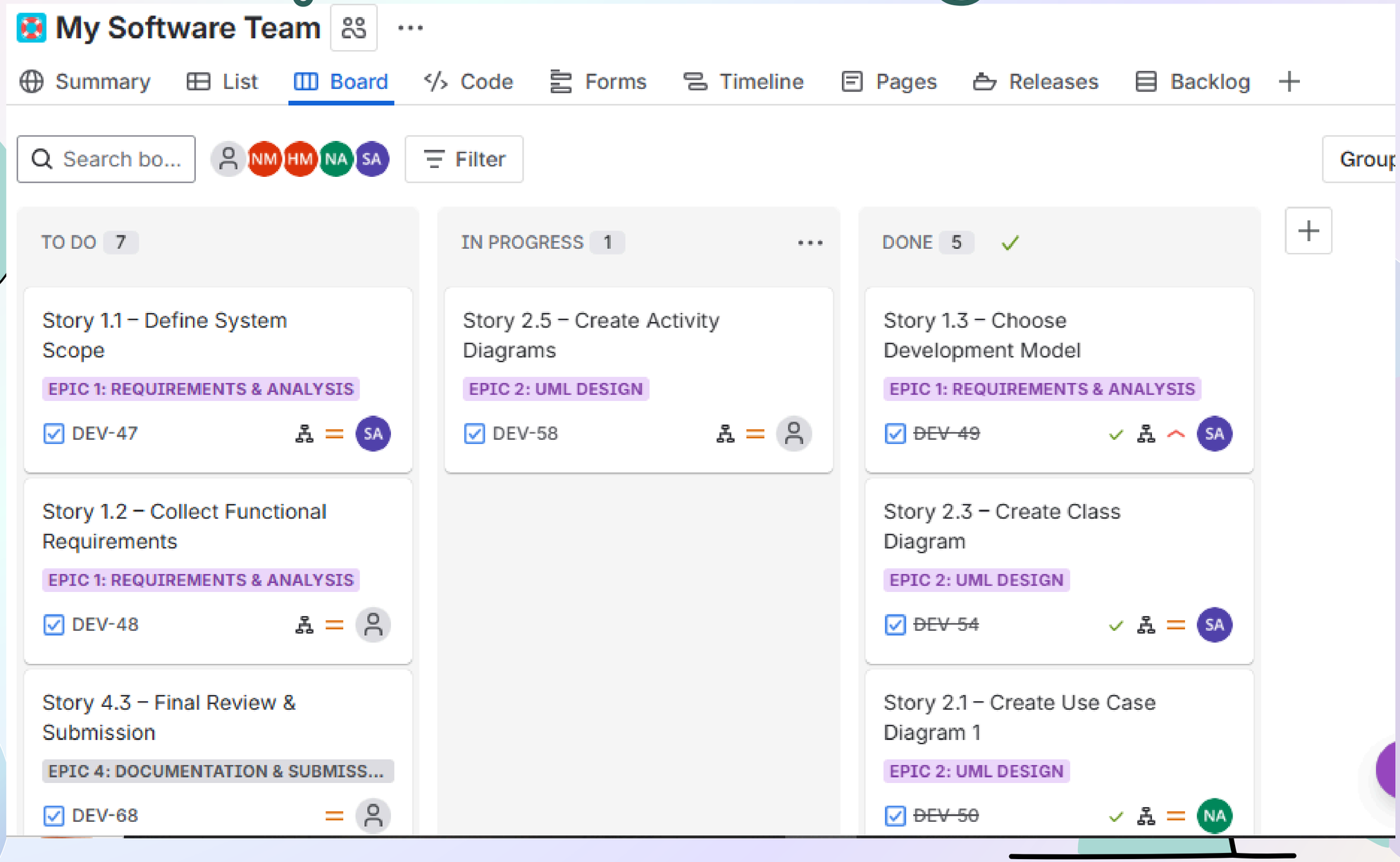
Jira project dashboard



Backlog


Spaces
My Software Team
Summary
List
Board
Code
Forms
Backlog
More 3
Search ba...
NM
SA
Filter
Board (13 work items)
7
0
6
DEV-47 Story 1.1 – Define System Scope TO DO SA
DEV-48 Story 1.2 – Collect Functional Req... TO DO
DEV-49 Story 1.3 – Choose Development ... DONE SA
DEV-54 Story 2.3 – Create Class Diagram DONE SA
DEV-50 Story 2.1 – Create Use Case Diagr... DONE NA
DEV-51 Story 2.2 – Create Use Case Diag... DONE NA
DEV-68 Story 4.3 – Final Review & Submission TO DO
DEV-69 Story 3.1 – Implement Core Classes TO DO
Jira work item
Story 1.1 – Define System Scope
To Do
Description
As a team member
I want to define system features
So that the project remains simple and clear
Subtasks
0% Done
Work
P...
A...
Status
DEV-53 Identify...
DEV-55 Define syste...
DEV-56 Write probl...
TO DO

Sprint Board Progress



GitHub Repository

Hotel-Management-System---SWE-project-ITI Public

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main | 1 Branch | 0 Tags | Go to file t | Add file | Code

Nagham94 add room and booking files — eef46a3 · 1 hour ago — 10 Commits

SW_PROJECT	add room and booking files	1 hour ago
README.md	README with project details and instructions	5 days ago

README

Hotel-Management-System---SWE-project-ITI

Simple Hotel Management System

📌 Project Overview

The **Simple Hotel Management System** is a console-based application developed in **C++**. The system is designed to manage basic hotel operations such as room booking, guest check-in and check-out, and bill calculation. It is intentionally kept simple to focus on software engineering concepts like **UML modeling**, **object-oriented programming**, and **Agile project management**.

This project was completed as a **team-based academic assignment** using Agile practices and Jira for task management.

About

No description, website, or topics provided.

Readme
Activity
0 stars
0 watching
0 forks

Releases

No releases published
Create a new release

Packages

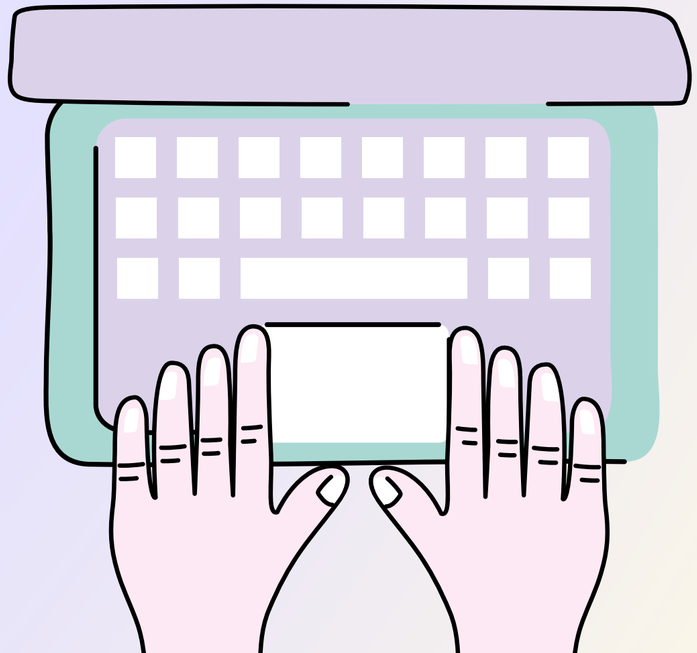
No packages published
Publish your first package

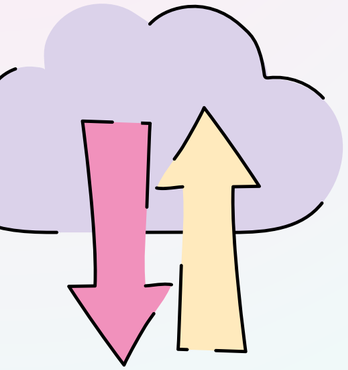
Contributors 4

Somaya-Ayman Somaya Ayman
Nagham94 Nagham Mohamed
hebamaher
Nouran-Aly

Application Running

```
Status: Confirmed
Total Price: $156
----------------------

Press Enter to continue...

========================================
           MAIN MENU
========================================
1. Add Room
2. View All Rooms
3. Make a Booking
4. View All Bookings
5. Check-In Guest
6. Check-Out Guest
7. Exit
========================================
Enter your choice: 5

--- Check-In Guest ---
Enter Booking ID: 1
Enter Check-In Date (DD/MM/YYYY): 02/03/2026

========================================
Guest checked in successfully!
Booking ID: 1
Check-In Date: 02/03/2026
========================================

Press Enter to continue...
```





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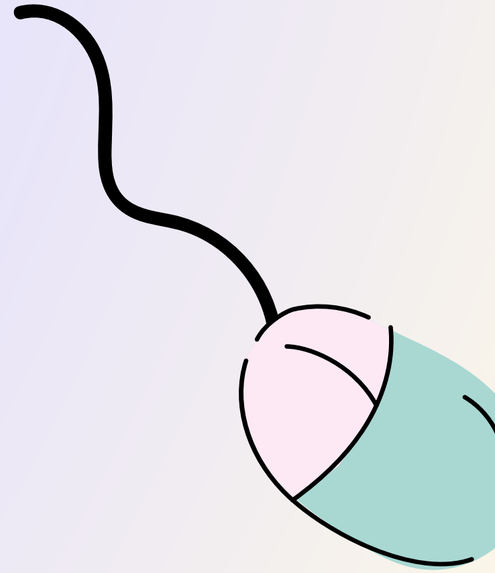
Any Questions?