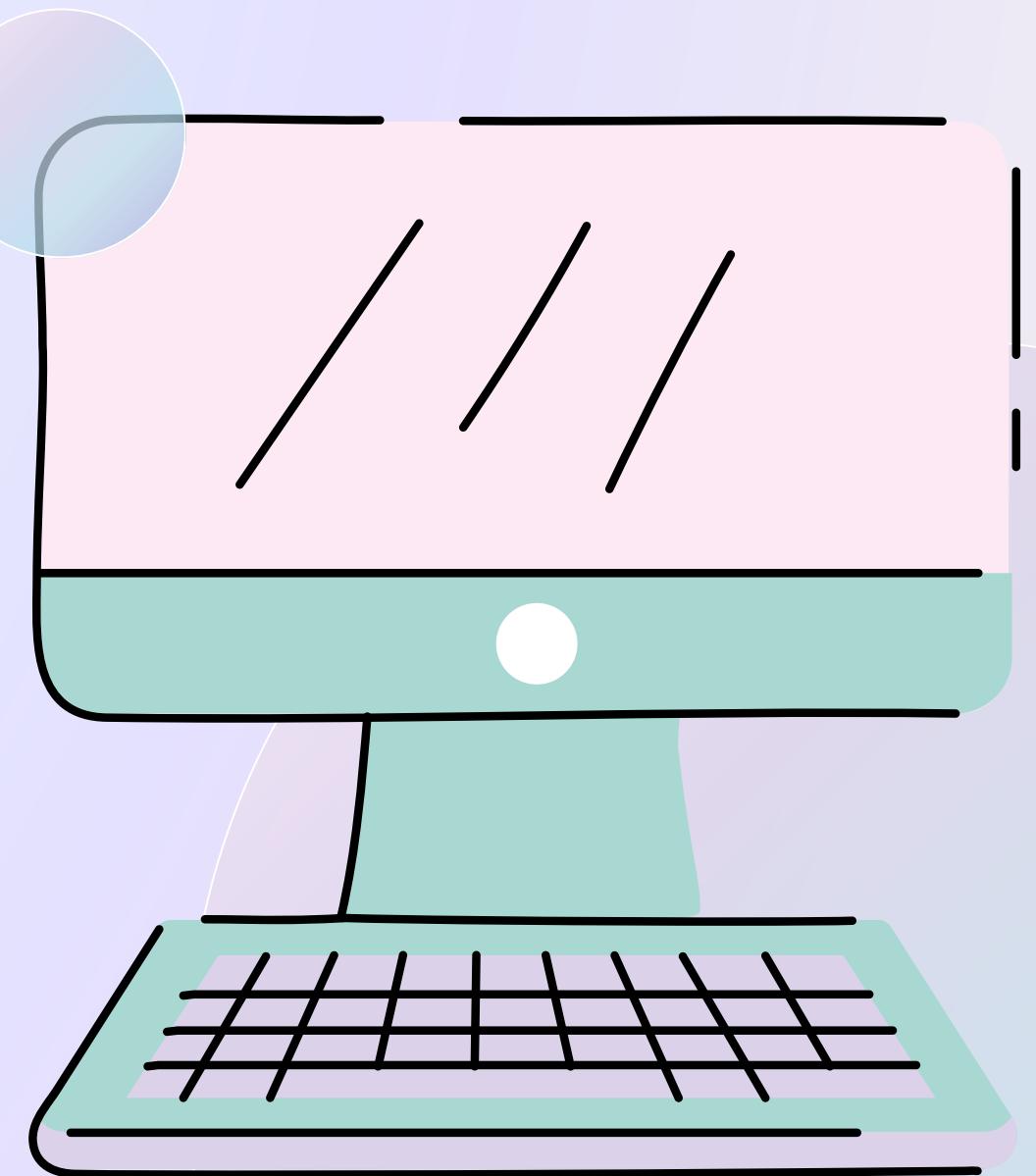


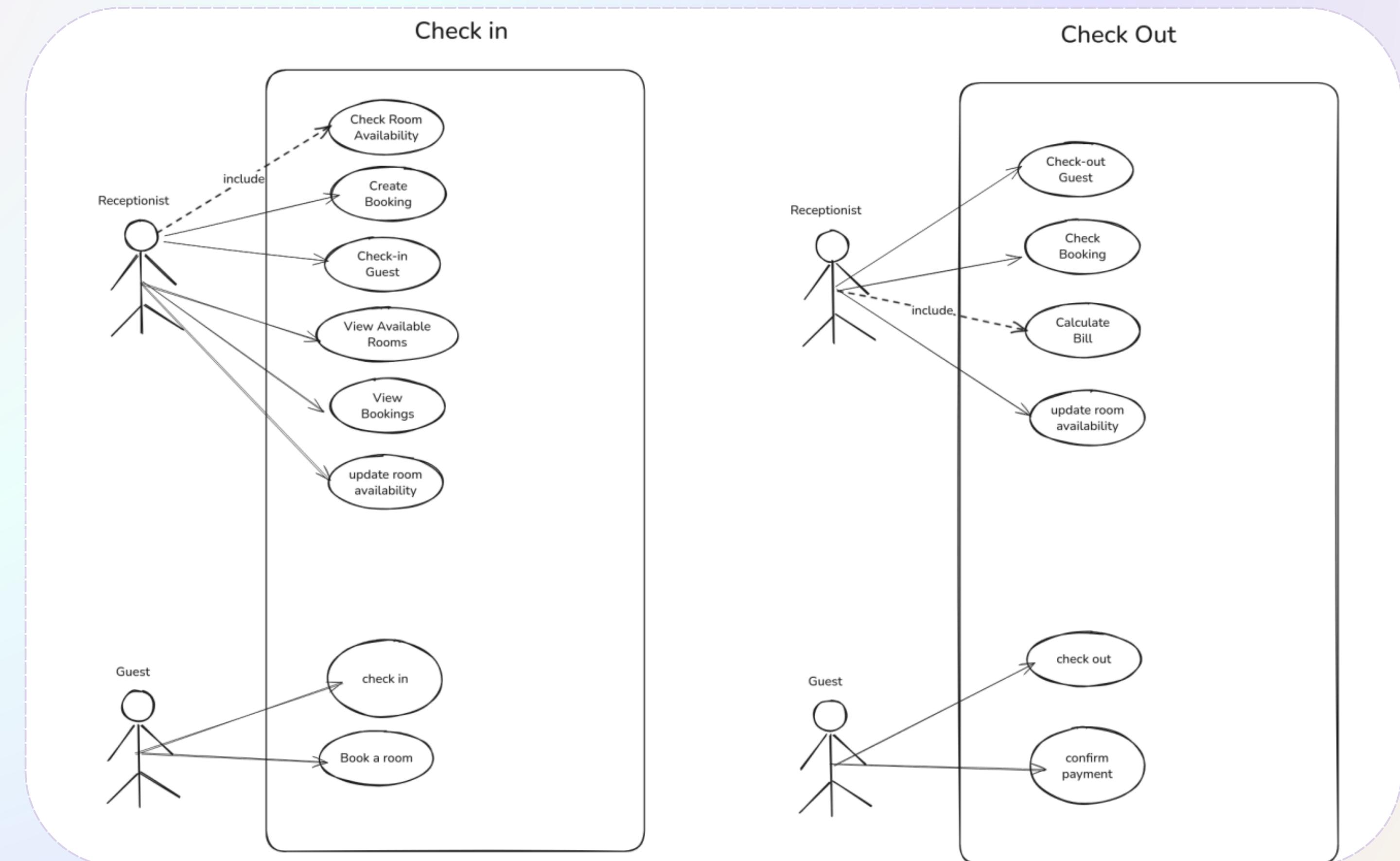
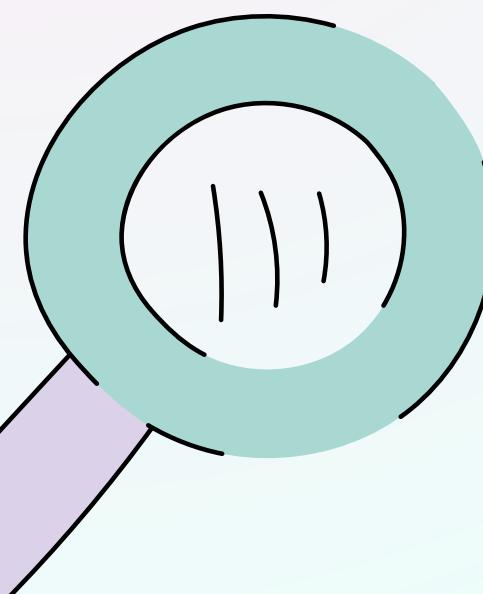
SWE PROJECT

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

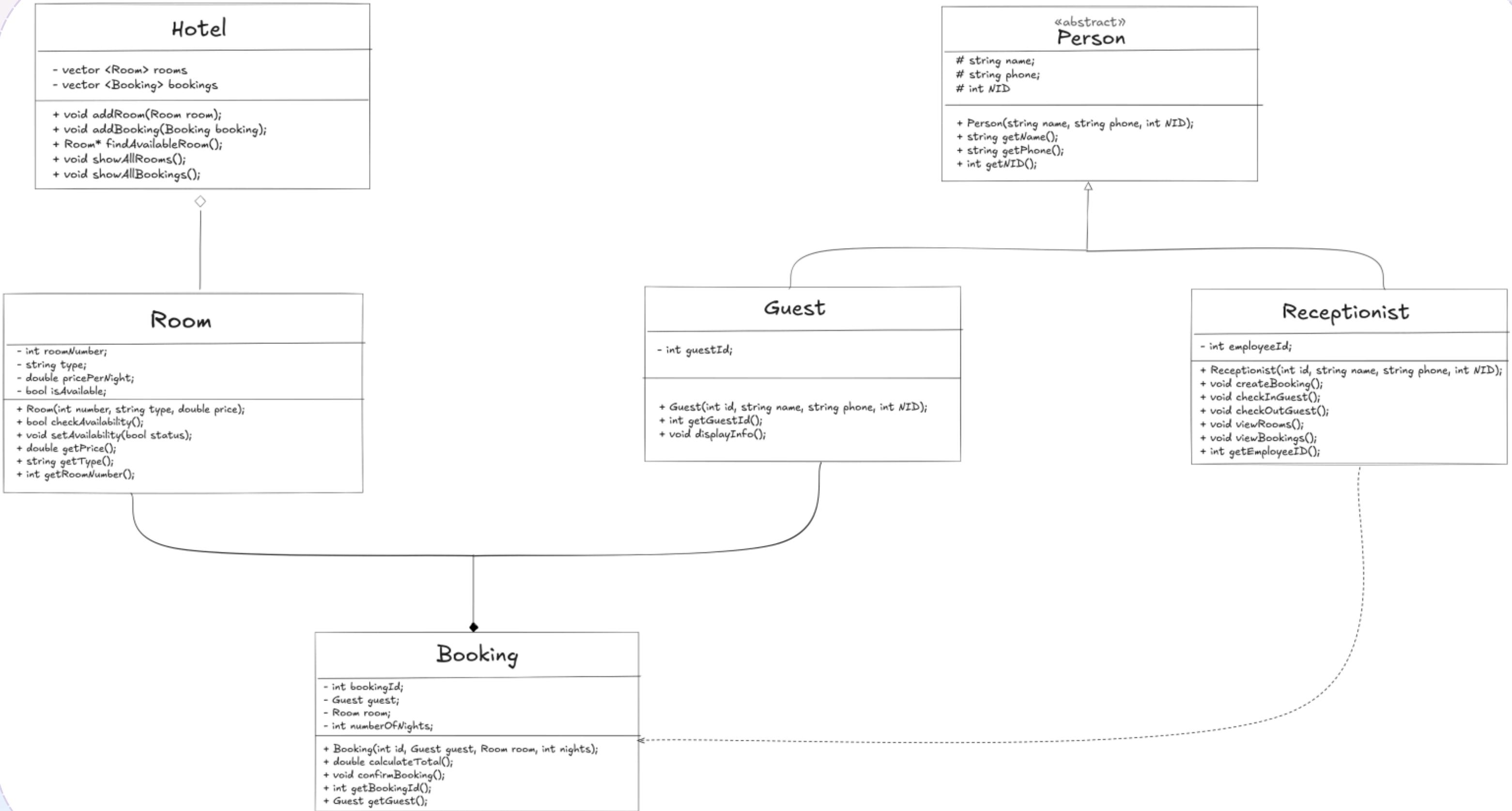
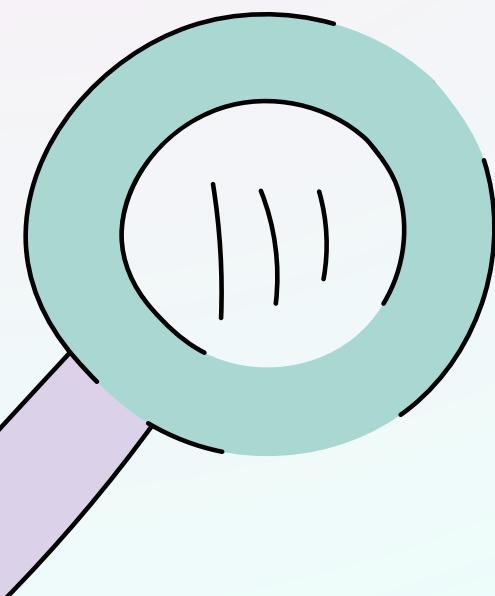
AGILE BASED
HOTEL MANAGEMENT SYSTEM



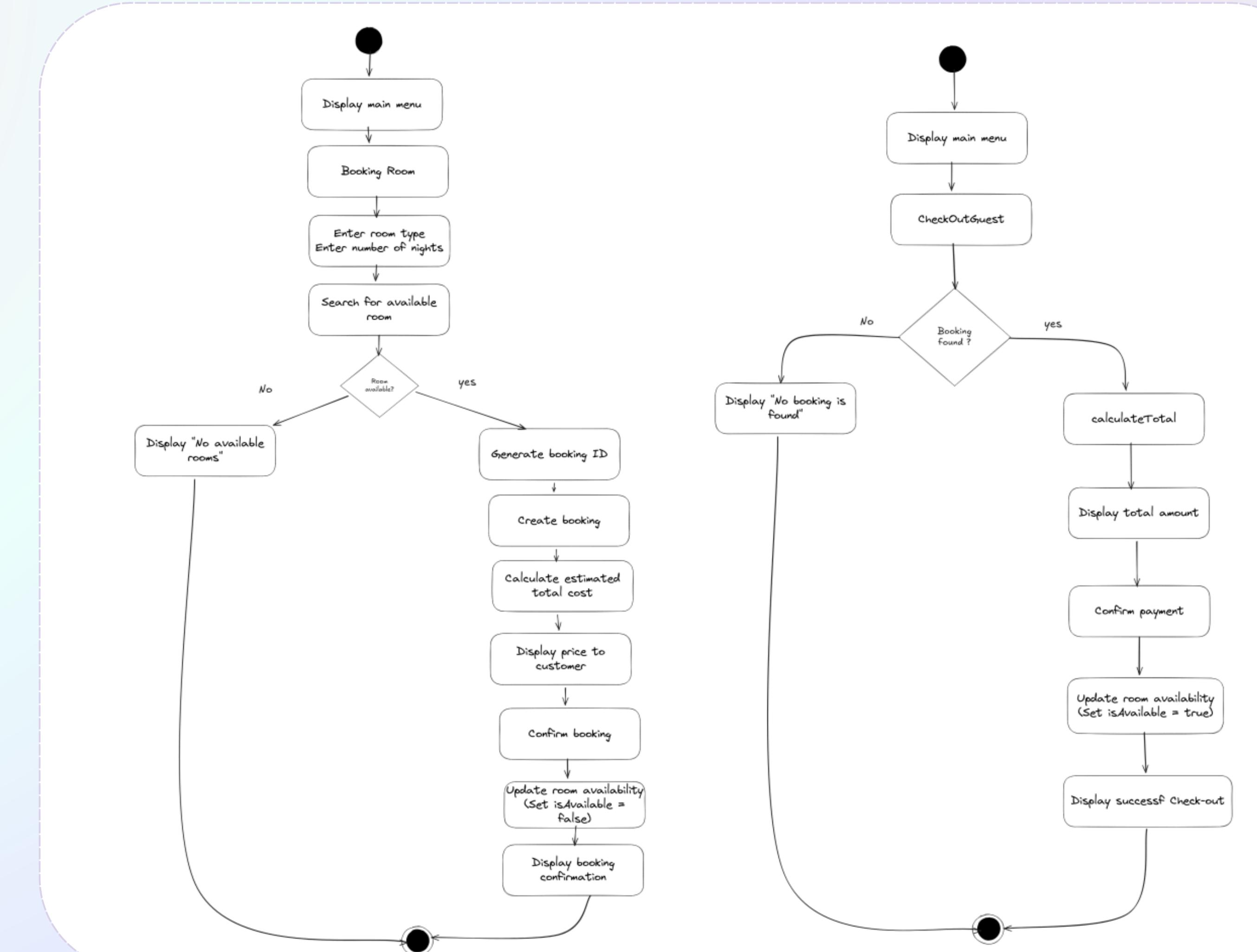
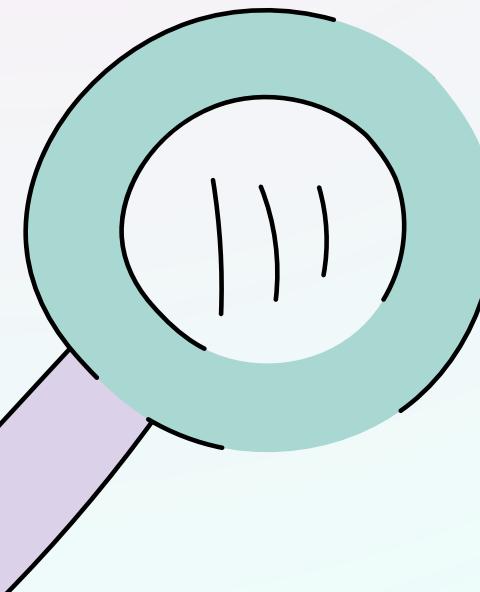
Use Case Diagrams



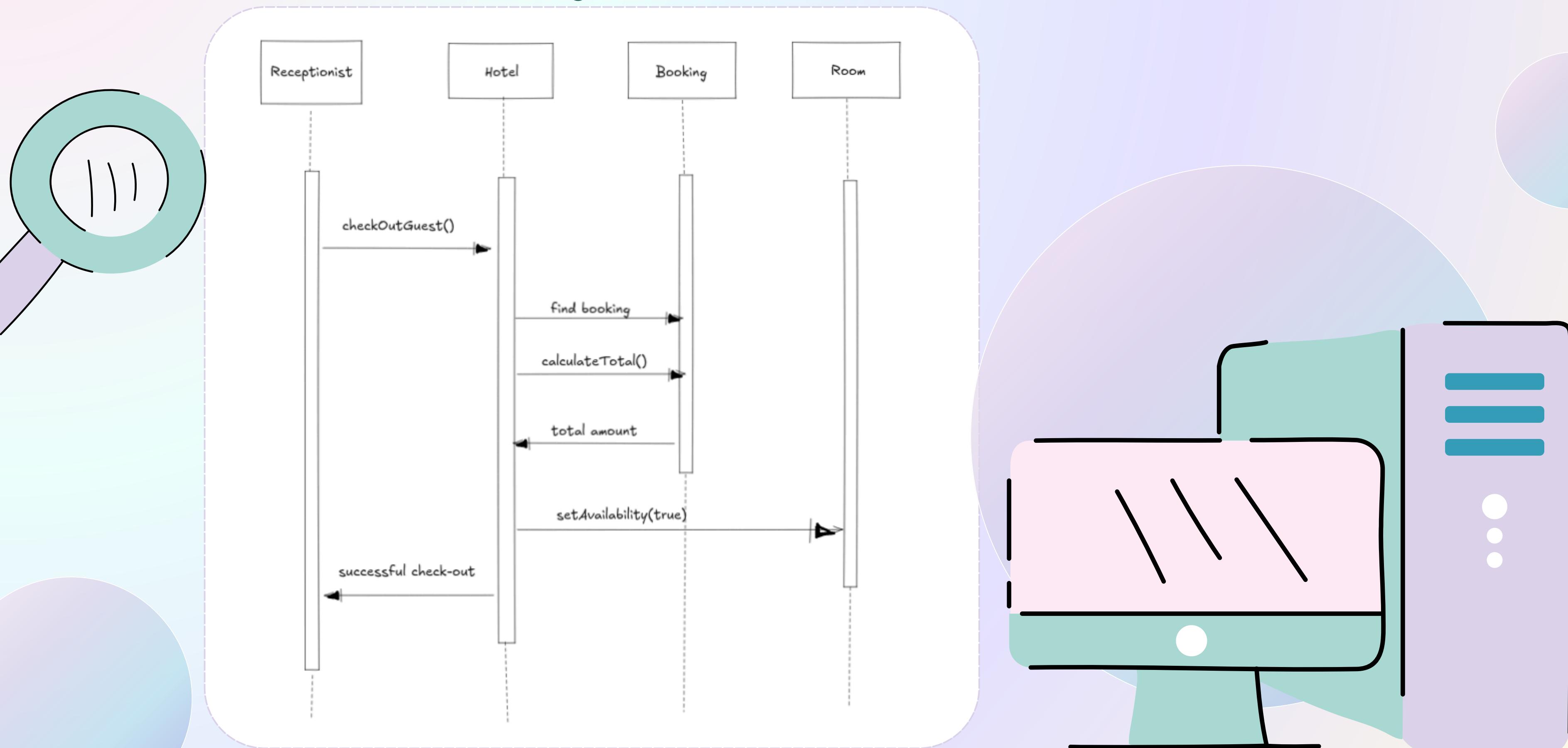
Class Diagram



Activity Diagrams



Sequence Diagram



Jira project dashboard

My Software Team ...

Summary List Board Code Forms Timeline Pages Releases Backlog +

Basic JQL Search w... Space = My Software Team Assignee Saved filters Group ...

Type Status More filters Clear filters

<input type="checkbox"/>	Work	Assignee	Reporter	Priority	
<input type="checkbox"/>	> DEV-65 EPIC 4: Documentation & Submission	Unassigned	Nouran Aly	= Medium	
<input type="checkbox"/>	> DEV-52 EPIC 3: Implementation(C++)	Unassigned	Heba Maher	= Medium	
<input type="checkbox"/>	> DEV-46 EPIC 2: UML Design	Unassigned	Nagham Moham...	= Medium	
<input type="checkbox"/>	> DEV-45 EPIC 1: Requirements & Analysis	Unassigned	Somaya Ayman	= Medium	

Backlog

Spaces

My Software Team ...

Summary List Board Code Forms Backlog More 3 +

Search bar NM SA Filter

Board (13 work items)

Key	Description	Status	Assignee
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 Diagr...	DONE	NA
DEV-68	Story 4.3 – Final Review & Submission	TO DO	○
DEV-69	Story 3.1 – Implement Core Classes	TO DO	○
DEV-70	Story 3.2 – Implement Hotel & Ro...	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	Identif y...	○	TO DO
DEV-55	Define syste...	○	TO DO
DEV-56	Write probl...	○	TO DO

Sprint Board Progress

My Software Team  ...

Summary List **Board** Code Forms Timeline Pages Releases Backlog +

Search board...  Filter

TO DO 7

Story 1.1 – Define System Scope
EPIC 1: REQUIREMENTS & ANALYSIS
 DEV-47  SA

Story 1.2 – Collect Functional Requirements
EPIC 1: REQUIREMENTS & ANALYSIS
 DEV-48  SA

Story 4.3 – Final Review & Submission
EPIC 4: DOCUMENTATION & SUBMISSION
 DEV-68  NA

IN PROGRESS 1

Story 2.5 – Create Activity Diagrams
EPIC 2: UML DESIGN
 DEV-58  SA

DONE 5 ✓

Story 1.3 – Choose Development Model
EPIC 1: REQUIREMENTS & ANALYSIS
 DEV-49 ✓  SA

Story 2.3 – Create Class Diagram
EPIC 2: UML DESIGN
 DEV-54 ✓  SA

Story 2.1 – Create Use Case Diagram 1
EPIC 2: UML DESIGN
 DEV-50 ✓  NA

Group +

GitHub Repository

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

Pin

Watch 0

Fork 0

Star 0

main

1 Branch 0 Tags

Go to file

Add file

Code

About

 Naghm94 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.

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

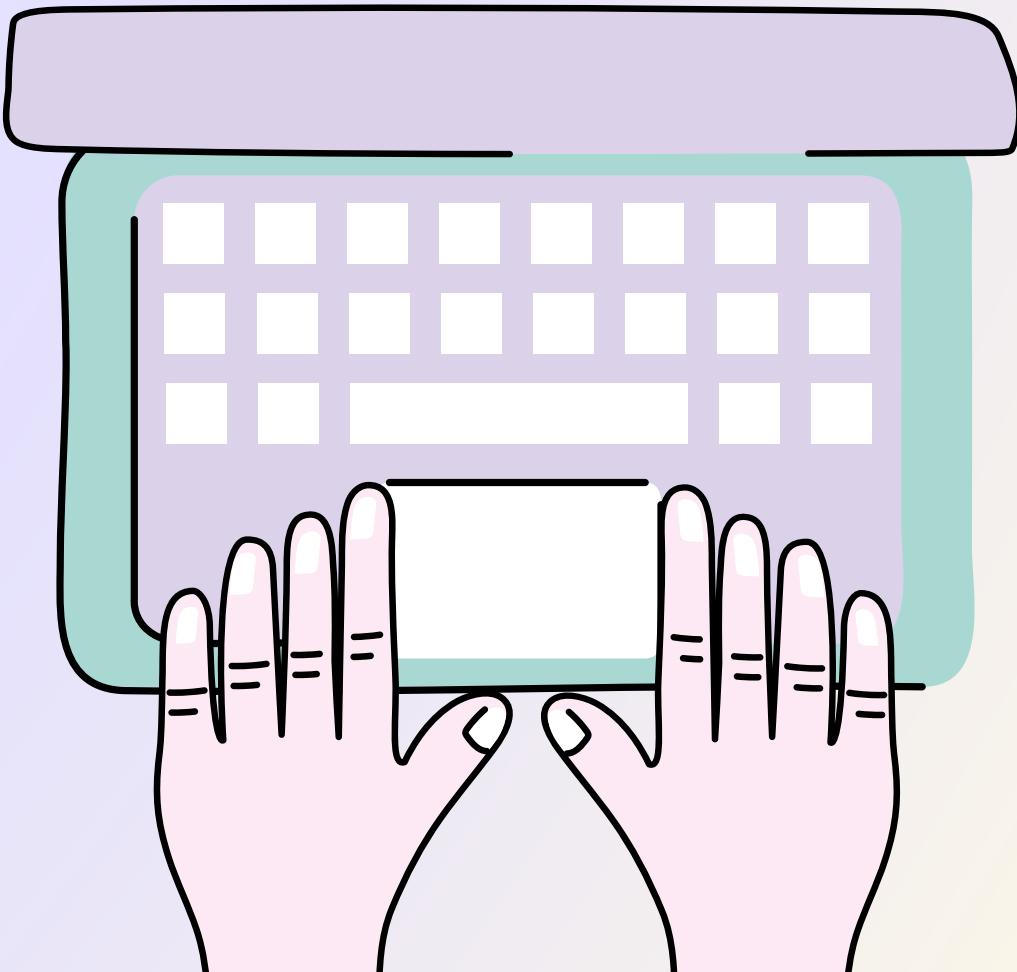
 Naghm94 Naghm Mohamed

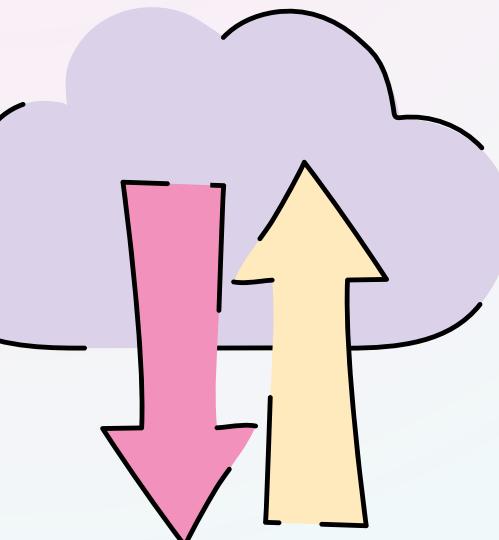
 hebamaher

 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...
```





Thank You

Any Questions?

