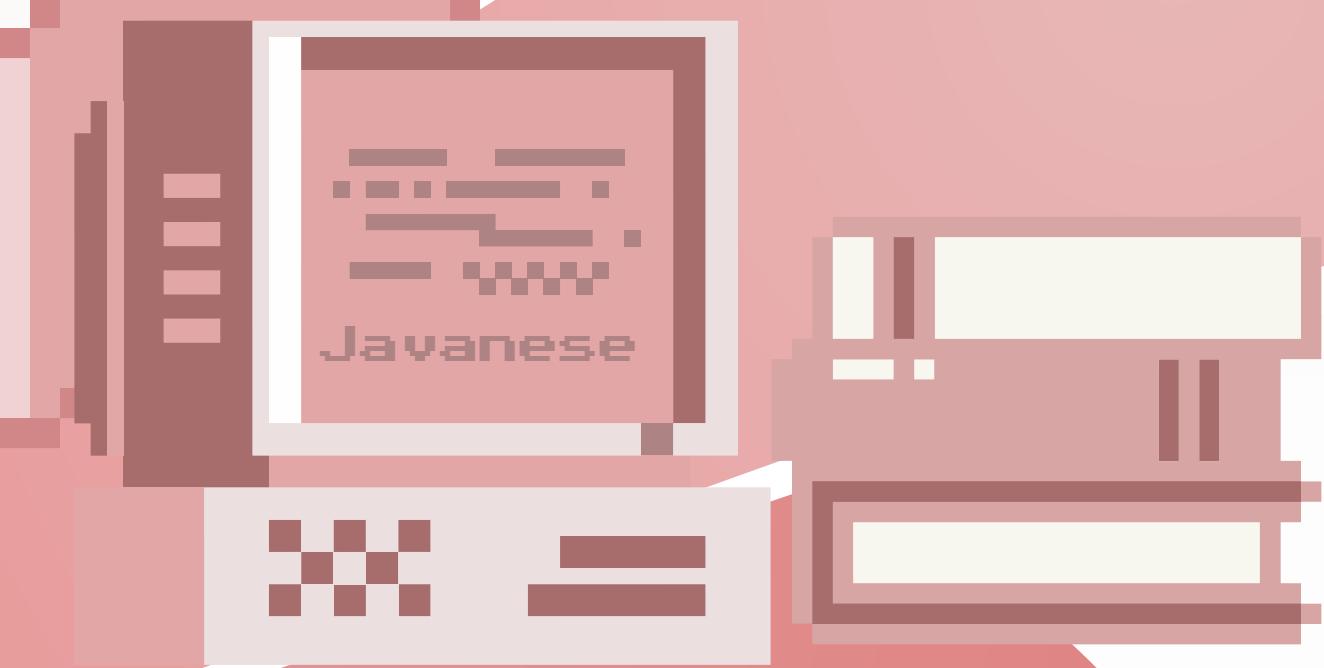




Group Javanese

# Room Management System

2.1.1





## Meet Our Team :



**ABENA,  
VICTORIANO III B.  
TEAM LADER**



**BERRY,  
CHRISTOPHER P.  
PROJECT MANAGER**



**DABU,  
SHERVAN NICKOLAI Y.  
WILD CARD**



**DE LEON ,  
JOHN MENARD H.  
QUALITY ASSURANCE**



**JIMENEZ,  
JAMES B.  
DEVELOPER**



**PUEYO,  
FRANCESCA DANIELLE T.  
QUALITY ASSURANCE**



**YAP,  
RACHMIAL EEL JR. M.  
DEVELOPER**

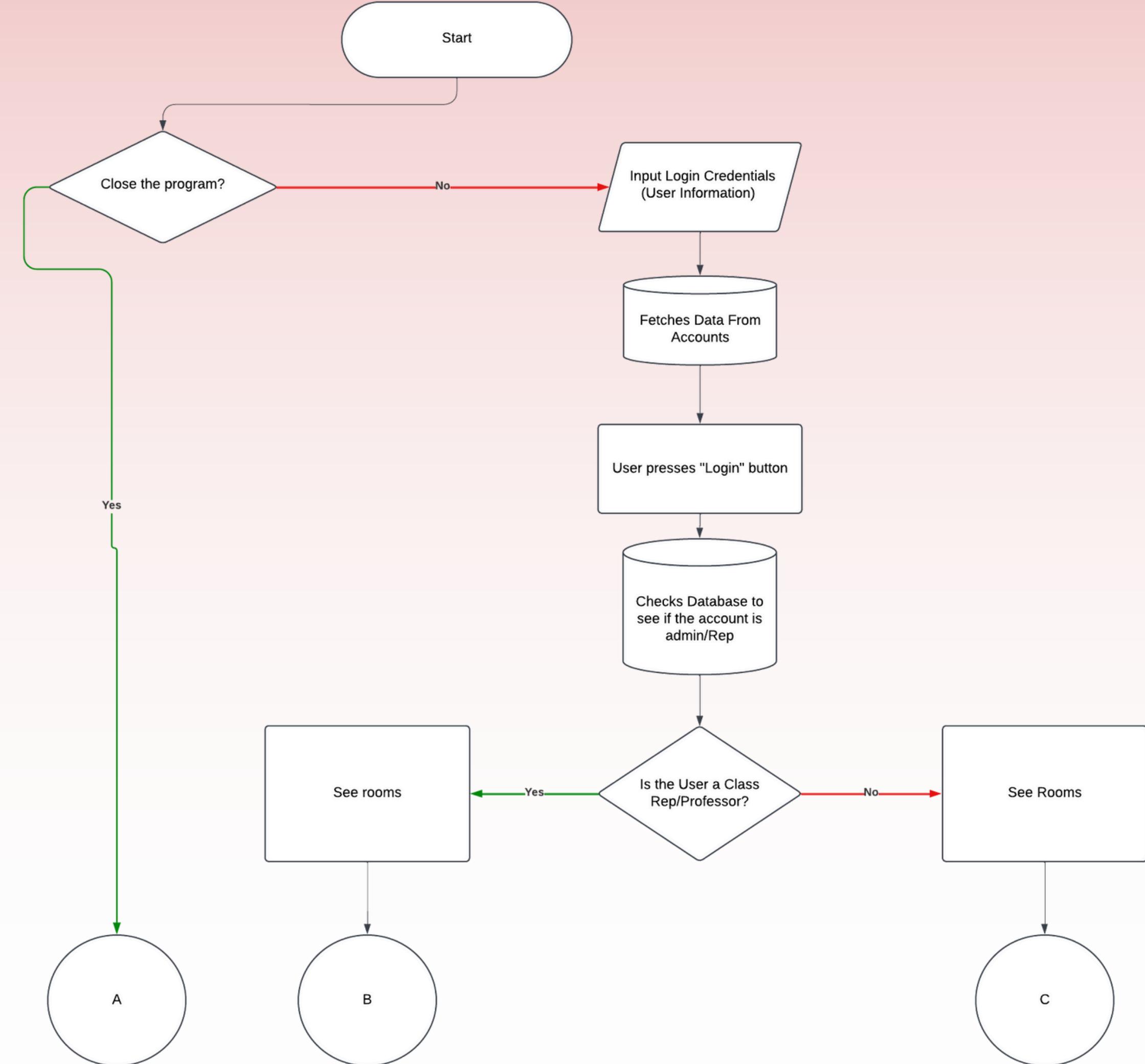
# Problems

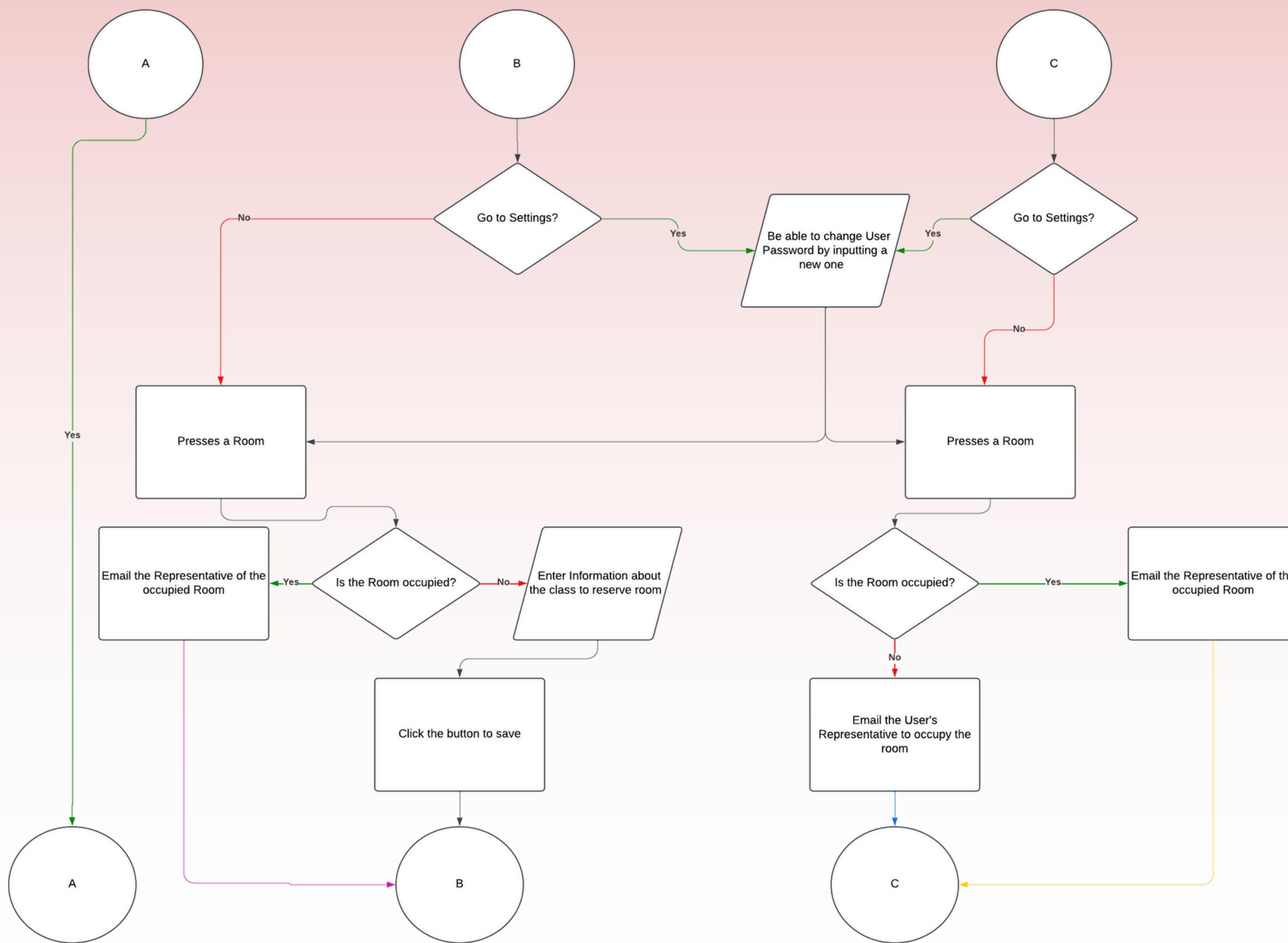
- Lack of a scheduling system
- Lack of shared details of rooms occupied
- Incoherence in room usage (Confusion on who gets to used the room)

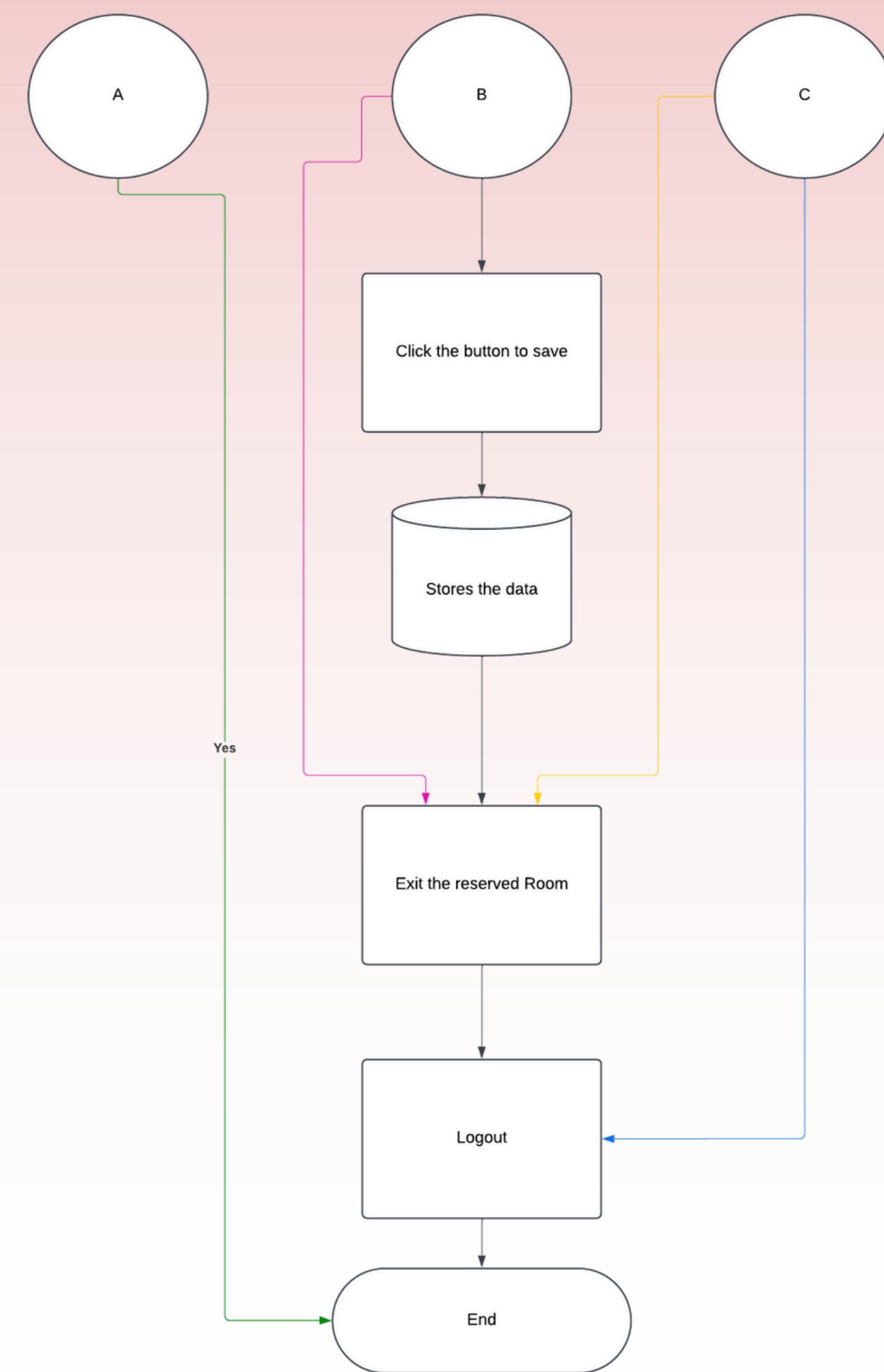
# Solution

- Create a scheduling system
- Create a system that shows details of occupied rooms
- Foster communication with different students

# System Flowchart

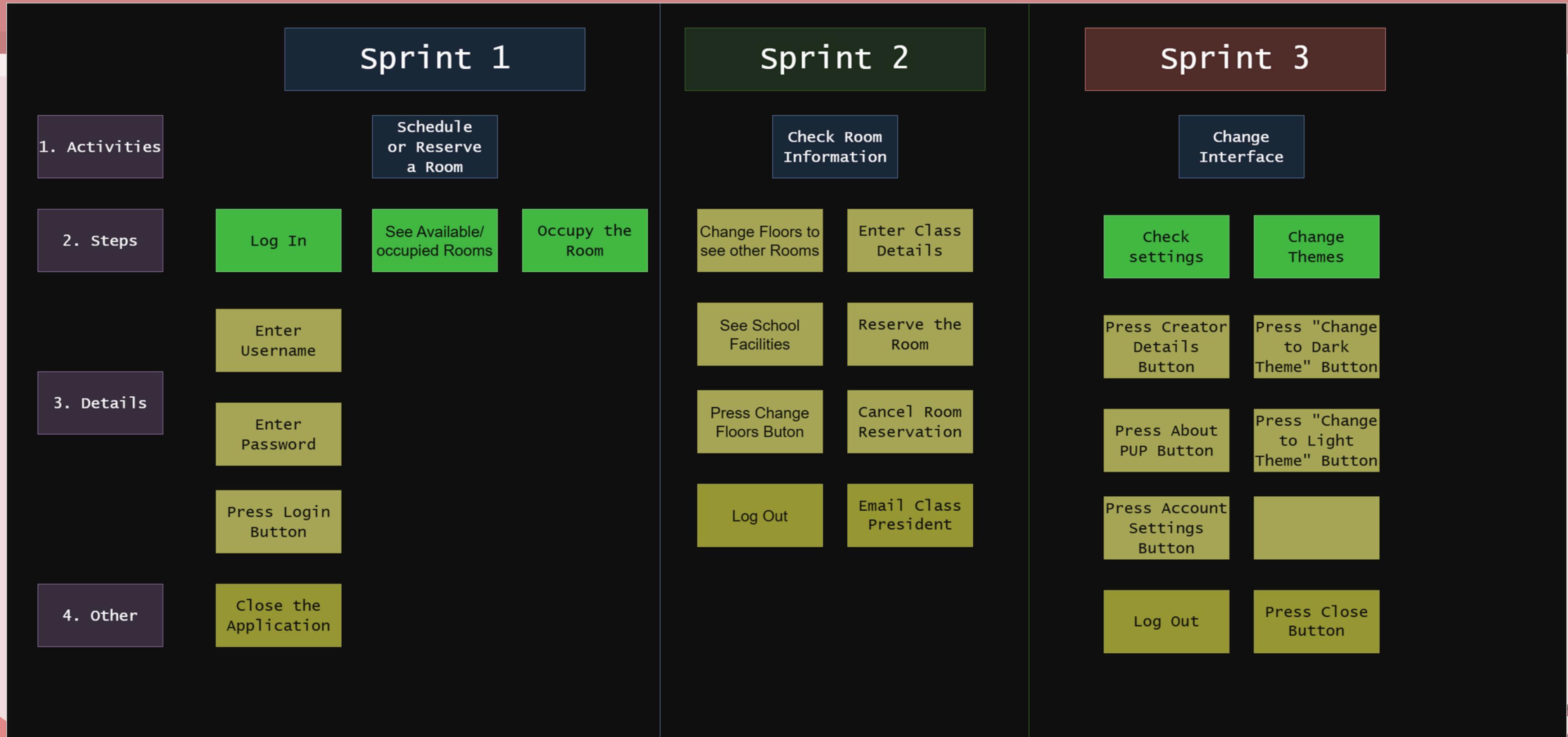






EPICS	USER STORIES	ACCEPTANCE CRITERIA
<b>Student Access</b>	As a student, I want to be able to see which room my section is assigned to, so I can attend my class.	Given: That I log in to my account successfully as a student When: there is an assigned room. When: I can see a scheduled room in the tab for my section. Then: I am able to know the room number that is assigned and I'm able to attend my class.
<b>Application Access Moderation</b>	As a student, I want to be able to have access to the application without risks of security and intrusion from uninvited users, so that I can use the program with stride and safety.	Given: That the user enters a valid identification successfully. When: I press the login button to enter. Then: I should be able to access my account to the application.  Given: That the user tries to enter a invalid identification When: I press the login button to enter. Then: I should be denied from the login interface.
<b>Interface Design Options</b>	As a student, I want to be able to have other options for the application interface, so that I can customize the lighting or theme that suits my comfort.	Given: that the user opens the settings successfully. When: I see other option to customize Then: I'm able to change the theme of my application interface.
<b>Instructor/Professor Convenience</b>	As a professor, I want to be able to know which rooms are available, so I can pick a room for my class to take place.	Given: that the professor is going to use the Room Management System. When: I'm going to check for rooms at a specific date and time. Then: I'm able to see the system display the rooms that are available at that time.
<b>Class Cohesion and Communication</b>	As a professor, I want to be able to connect with class representatives, so that I can communicate with various classes.	Given: that the professor has access to connect with the class representative When: I'm searching for the class representative by clicking on the rooms. Then: I can see class representatives of each room an email them by pressing a button.
<b>Instructor/Professor Scheduling</b>	As a professor, I want to be able to occupy a room and transcribe the details for my students to see, so that the class can be coordinated and my students given a source of information regarding the schedule and subject of the class.	Given: that the professor has already scheduled a room for the class When: I can enter the room details that have a scheduled input interface. Then: I'm able to save and display this information for students to view.

# User Story Mapping

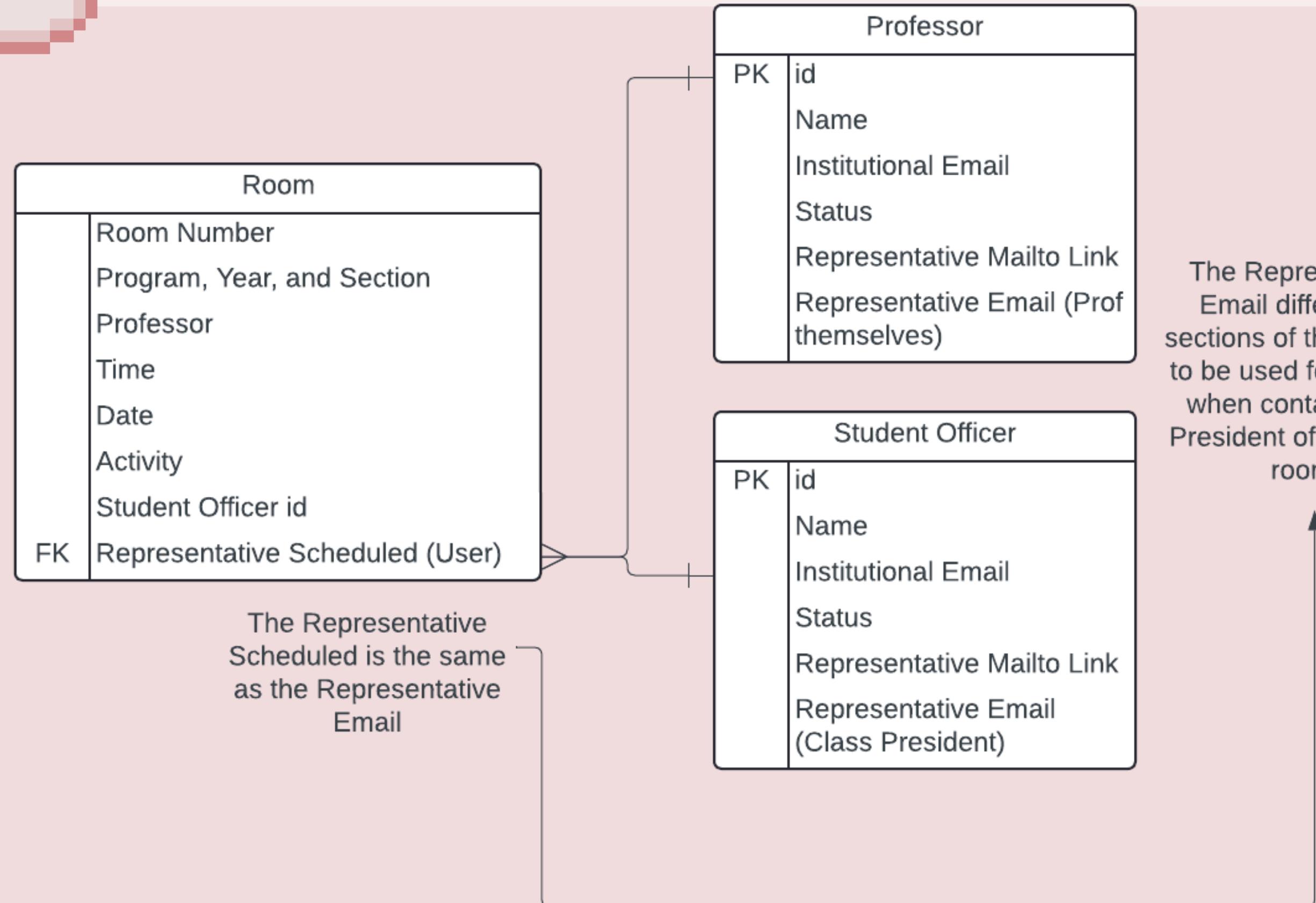


# Database

Note: Regular Students can ONLY view

Student	
PK	id
	Name
	Institutional Email
	Status
	Representative Mailto Link
	Representative Email

Note: Status is to check whether they have an admin account or not

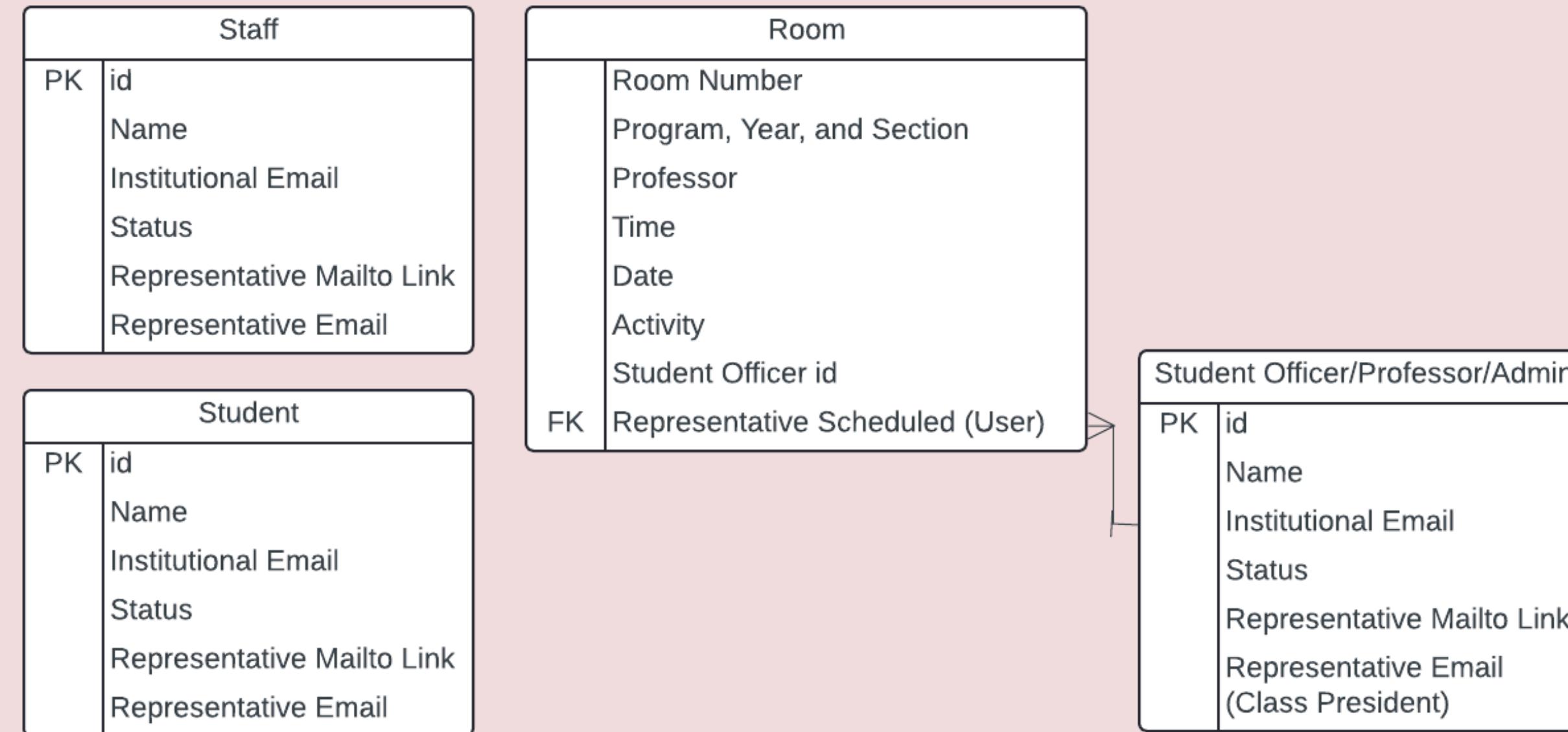


The Representative Email differentiate sections of the students to be used for emailing when contacting the President of scheduled rooms

The Representative Scheduled is the same as the Representative Email

# Suggestions

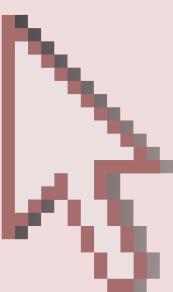
Note: Regular Students and Staff can ONLY view



Note: Status is to check whether they have an admin account or not

The Representative Email differentiate sections of the students to be used for emailing when contacting the President of scheduled rooms

The Representative Scheduled is the same as the Representative Email

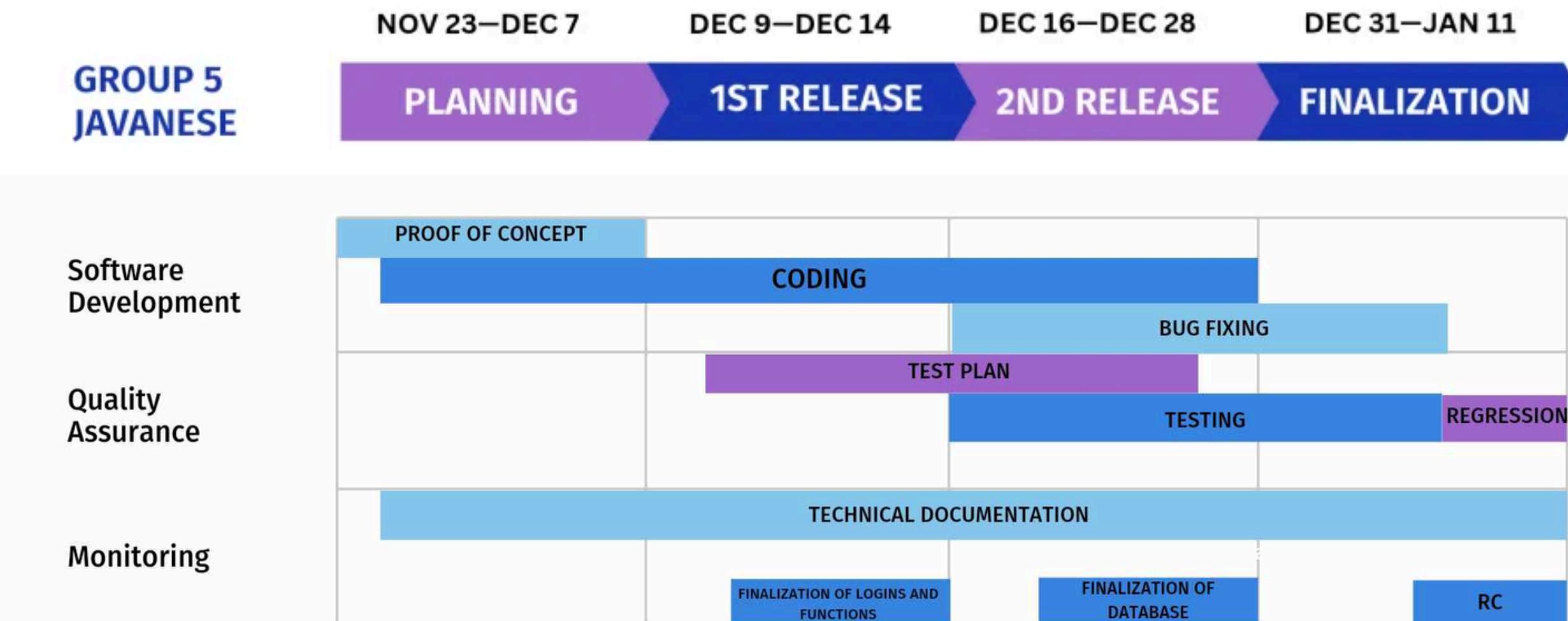


## Gantt Chart

## Gantt Chart

# Project Timeline

## PUP-PQ ROOM MANAGEMENT SYSTEM



# Test Results

Test Case Template for Project	
Project Name	PUP PQ - RMS (Room Management System)
Module Name	Room View Page
Created Date	17/01/25
Peer Review By	Abena, Victoriano III B.
Peer Reviewed Date	17/01/25

Scenario TID	Scenario Description	Test Case ID	Pre Condition	Steps to Execute	Expected Result	Actual Result	Status	Executed QA Name	Misc (Comments)
TS_RMS_001	Viewing Unoccupied/ Occupied Rooms/ Viewing Rooms on Different Floors	TC_RMS_001	app is loaded as an .exe file	1. Log in to the RMS. 2. The main interface shows the available/unavailable rooms. 3. Click on one of the occupied rooms for details.	Viewing the room details should work on the main interface.	Viewing the room details works on the main interface. .	Pass	Pueyo	
TS_RMS_002	Viewing Room 201	TS_RMS_002	app is loaded as an .exe file	1.Navigate on the main interface. 2. Click on the Room 201 Function.	Viewing Room 201 should work.	Viewing room 201 works.	Pass	Pueyo	
TS_RMS_003	Viewing Room 202	TS_RMS_003	app is loaded as an .exe file	1.Navigate on the main interface. 2. Click on the Room 202 Function.	Viewing Room 202 should work.	Viewing room 202 works.	Pass	Pueyo	
TS_RMS_004	Returning back to the main interface.	TS_RMS_004	app is loaded as an .exe file	1. After viewing the room details, navigate to the Return back button above all the functions. 2. Click on the Return back button.	Return back button should work.	Return back button worked.	Pass	Pueyo	
Scenario TID	Scenario Description	Test Case ID	Pre Condition	Steps to Execute	Expected Result	Actual Result	Status	Executed QA Name	Misc (Comments)
TS_RMS_001	Login scenario of Opening the application	TC_RMS_001	app is loaded as an .exe file	1. Open the application.	The Login should work full screen when it runs.,	Login Page is working fully screen	Pass	De Leon	
TS_RMS_002	Login scenario with valid institutional email and valid password	TC_RMS_002	app is loaded as an .exe file	1. Open the application. 2. Enter a valid username of PUP mail "abcd@iskolargbayan.pup.edu.ph" and Password "1010". 3. Click on the "Login" button	The Login should work with a valid institutional email and password.	Login Page is working with a valid institutional email and password.	Pass	De Leon	
TS_RMS_003	Login scenario with inValid institutional email and inValid password	TC_RMS_003	app is loaded as an .exe file	1. Open the application. 2. Enter a valid username of PUP mail "abcd@iskolargbayan.pup.edu.ph" and a inValid Password "xxxx". 3. Click on the "Login" button	The Login should not work with a invalid institutional email and password.	Login Page is not working with a invalid institutional email and password.	Pass	De Leon	
TS_RMS_004	Login scenario with Valid institutional email but a inValid password	TC_RMS_004	app is loaded as an .exe file	1. Open the application. 2. Enter a valid username of PUP mail "abcd@iskolargbayan.pup.edu.ph" and inValid Password "xxxx". 3. Click on the "Login" button	The Login should not work with a invalid password.	Login Page is working with a invalid password.	Pass	De Leon	
TS_RMS_005	Login scenario with Empty Institutional email (email/password)	TC_RMS_005	app is loaded as an .exe file	1. Open the application. 2. Have an Empty user of PUP mail and password. 3. Click on the "Login" button	The Login should not work with an empty PUP mail and password.	Login Page is not working with an empty PUP mail and password	Pass	De Leon	
TS_RMS_006	Login scenario where the text has a pop up message of (Incorrect Username & Password).	TC_RMS_006	app is loaded as an .exe file	1. Open the application. 2. Enter a invalid username of PUP mail "xxxxx@iskolargbayan.pup.edu.ph" or an invalid Password "xxxx". 3. Click on the "Login" button	The Login should have a pop up message if the user have input an incorrect username or password	The Login have a pop up message if the user have input an incorrect username or password	Pass	De Leon	

Release 1

59%

Release 1.1

75%

Release 2

82%

Release 2.1

88%

# Test Regression

Scenario TID	Scenario Description	Test Case ID	Pre Condition	Steps to Execute	Expected Result	Actual Result	Status	Executed QA Name
TS_RMS_001	Viewing Unoccupied/ Occupied Rooms/ Viewing Rooms on Different Floors	TC_RMS_001	app is loaded as an .exe file	1. Log in to the RMS. 2. The main interface shows the available/unavailable rooms. 3. Click on one of the occupied rooms for details.	Viewing the room details should work on the main interface..	Viewing the room details works on the main interface..	Pass	Pueyo
TS_RMS_002	Changing on different floors on the main interface. (Third floor)	TC_RMS_002	app is loaded as an .exe file	1. Navigate to the top left of the main interface. 2. Click on the "3" button to switch on the second floor.	Viewing room on the third floor should work.	Viewing room on the third floor works.	Pass	Pueyo
TS_RMS_003	Viewing Room 201	TC_RMS_003	app is loaded as an .exe file	1.Navigate on the main interface. 2. Click on the Room 201 Function.	Viewing Room 201 should work.	Viewing room 201 works.	Pass	Pueyo
TS_RMS_004	Viewing Room 202	TC_RMS_004	app is loaded as an .exe file	1.Navigate on the main interface. 2. Click on the Room 202 Function.	Viewing Room 202 should work.	Viewing room 202 works.	Pass	Pueyo
TS_RMS_005	Viewing Room 203	TC_RMS_005	app is loaded as an .exe file	1.Navigate on the main interface. 2. Click on the Room 203 Function.	Viewing Room 203 should work.	Viewing room 203 works.	Pass	Pueyo
TS_RMS_006	Viewing Room 204	TC_RMS_006	app is loaded as an .exe file	1.Navigate on the main interface. 2. Click on the Room 204 Function.	Viewing Room 204 should work.	Viewing room 204 works.	Pass	Pueyo
TS_RMS_007	Viewing Room 206	TC_RMS_007	app is loaded as an .exe file	1.Navigate on the main interface. 2. Click on the Room 206 Function.	Viewing Room 206 should work.	Viewing room 206 works.	Pass	Pueyo
TS_RMS_008	Viewing Room 208	TC_RMS_008	app is loaded as an .exe file	1.Navigate on the main interface. 2. Click on the Room 208 Function.	Viewing Room 208 should work.	Viewing room 208 works.	Pass	Pueyo
TS_RMS_009	Viewing Room 210	TC_RMS_009	app is loaded as an .exe file	1.Navigate on the main interface. 2. Click on the Room 210 Function.	Viewing Room 210 should work.	Viewing room 210 works.	Pass	Pueyo

Scenario TID	Scenario Description	Test Case ID	Pre Condition	Steps to Execute	Expected Result	Actual Result	Status	Executed QA Name	Misc (Comments)
TS_RMS_001	Option scenario of clicking the option button.	TC_RMS_001	app is loaded as an .exe file	1. Open the application option by tapping the option button, located in the top-left corner of the screen	The Option button should work and function well.	The Option button is working and functioning well.	Pass	De Leon	
TS_RMS_002	Option scenario of the "PUP Webmail" section that cannot be modified or is <u>view</u> only.	TC_RMS_002	app is loaded as an .exe file	1. Open the application option by tapping the option button, located in the top-left corner of the screen 2. Locate the account section.	The PUP Webmail entry widget should be disabled or cannot be modified.	The PUP Webmail entry widget is disabled or cannot be modified.	Pass	De Leon	
TS_RMS_003	Option scenario where password cannot be change without special characters	TC_RMS_003	app is loaded as an .exe file	1. Open the application option by tapping the option button, located in the top-left corner of the screen 2. Locate the account section. 3. Enter the new password on the entry widget. 4. Confirm the new password by pressing the change password button.	The password should not be able to change without special characters as a password.	The password can be changed even without special characters as a password	Fail	De Leon	
TS_RMS_004	Option scenario where password cannot be change without numbers	TC_RMS_004	app is loaded as an .exe file	1. Open the application option by tapping the option button, located in the top-left corner of the screen 2. Locate the account section. 3. Enter the new password on the entry widget. 4. Confirm the new password by pressing the change password button.	The password should not be able to change without numbers as a password.	The password can be changed even with numbers as a password	Fail	De Leon	

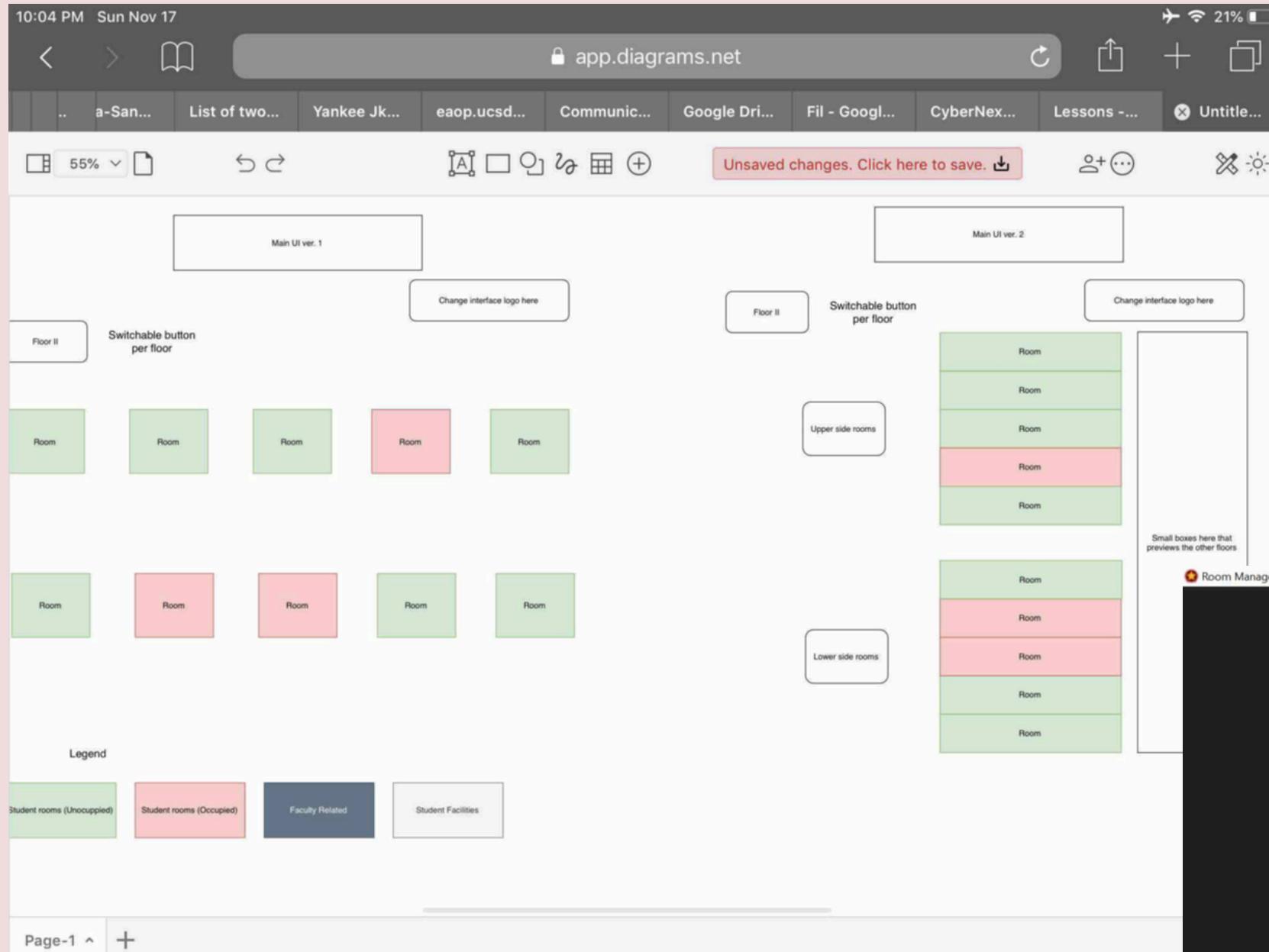
Regression 1

90%

Regression 1.1

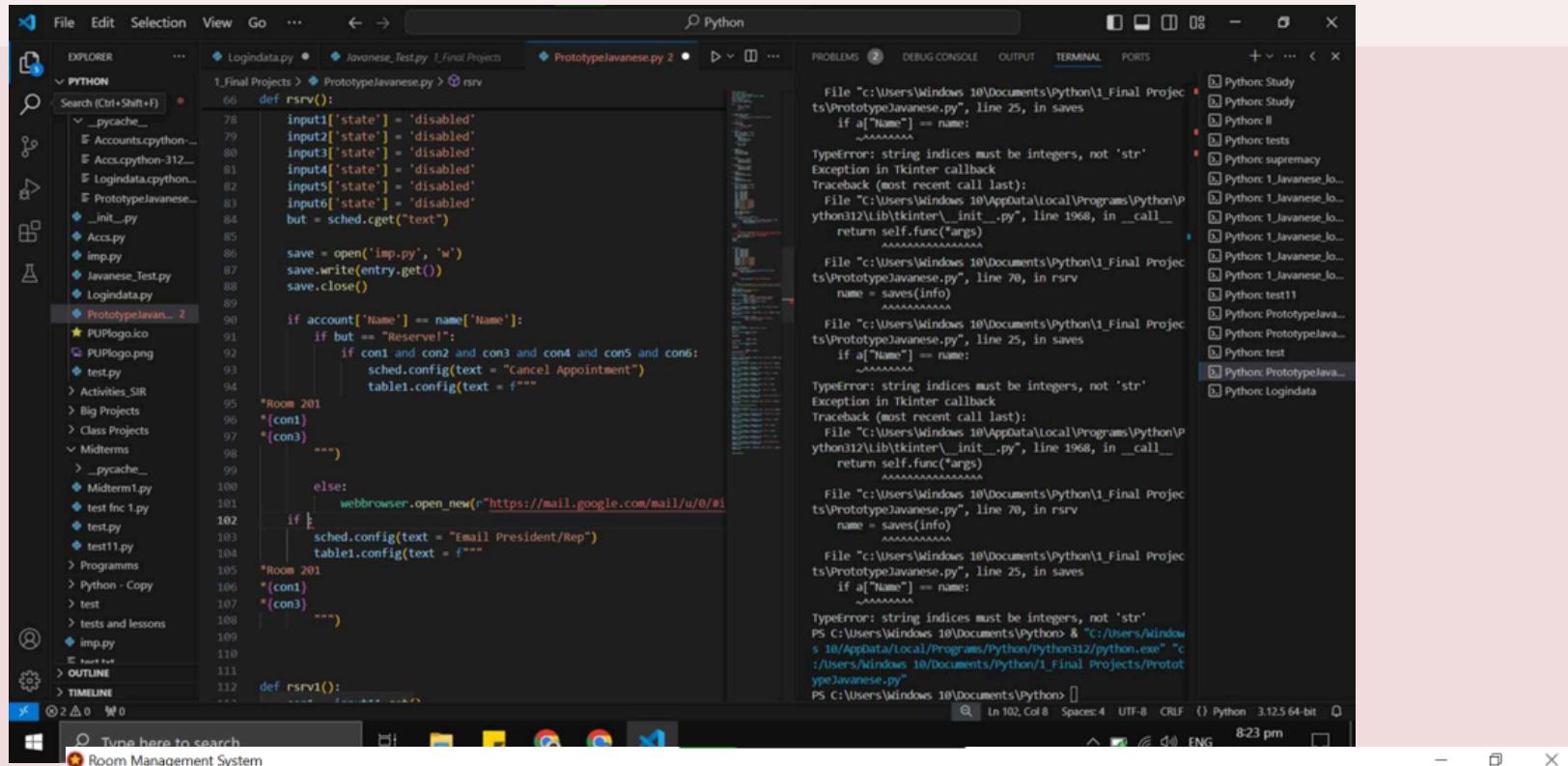
91%

# Summary and Conclusion



A screenshot of a Windows desktop showing a running application titled 'Room Management System'. The application window has a dark theme with a red star logo in the top-left corner. It features a 'Wide View' section displaying room availability for floors 1 through 5. Each floor is represented by a grid of room icons. A 'Front Side' button is visible above the floor grids. On the right side of the application window, there is a vertical sidebar with buttons for 'Log-Out', 'Switch Floors' (with a dropdown menu showing floors 1-5), and other system controls. The main content area shows room details for specific rooms like 'Room 201' and 'Room 202', indicating they are available for booking. Below the application window, the Windows taskbar is visible with the date and time (29/11/2024, 12:54 pm) and system tray icons.

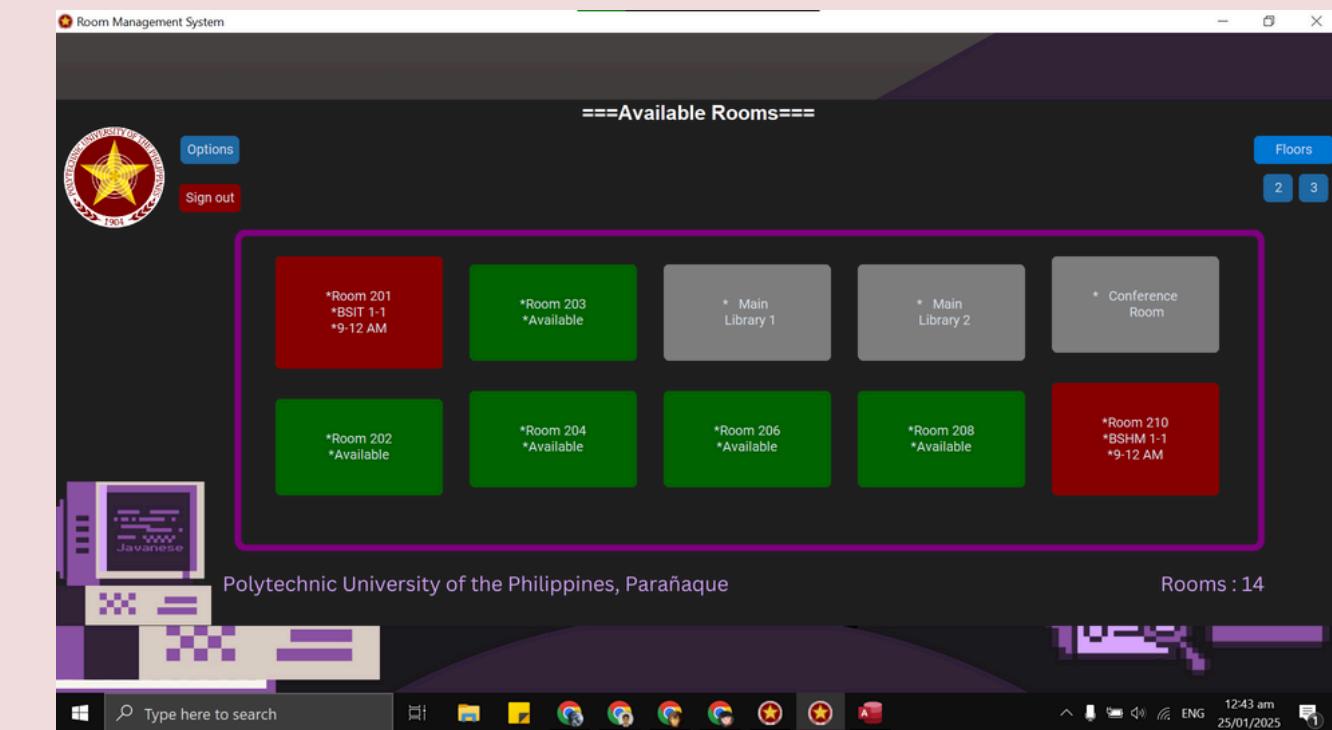
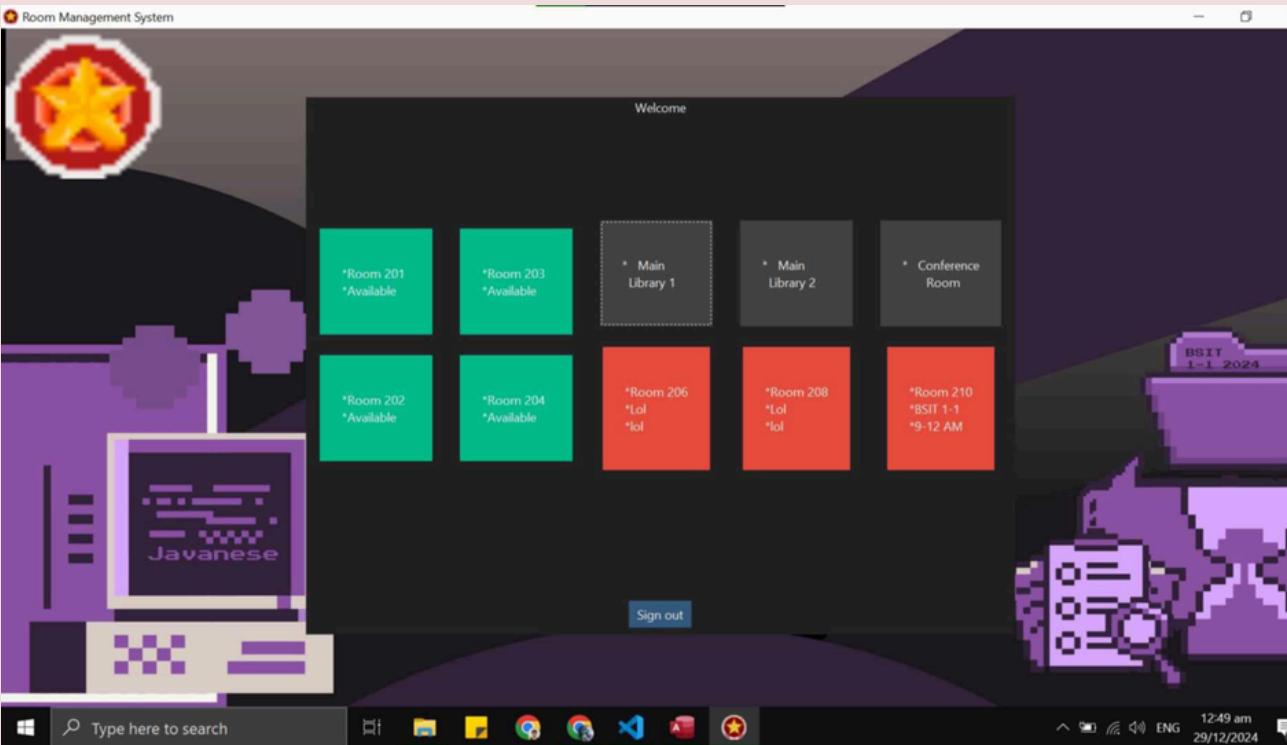
# Summary and Conclusion



```
File "c:/Users/Windows 10/Documents/Python1_Final Projects/PrototypeJavanese.py", line 25, in saves
    if a["Name"] == name:
        ^^^^^^
TypeError: string indices must be integers, not 'str'
Exception in Tkinter callback
Traceback (most recent call last):
  File "C:/Users/Windows 10/AppData/Local/Programs/Python/Python312/lib/tkinter/_init_.py", line 1968, in __call__
    return self.func(*args)
           ^^^^^^
File "c:/Users/Windows 10/Documents/Python1_Final Projects/PrototypeJavanese.py", line 70, in rsrv
    name = saves[info]
           ^^^^^^
File "c:/Users/Windows 10/Documents/Python1_Final Projects/PrototypeJavanese.py", line 25, in saves
    if a["Name"] == name:
        ^^^^^^
TypeError: string indices must be integers, not 'str'
Exception in Tkinter callback
Traceback (most recent call last):
  File "C:/Users/Windows 10/AppData/Local/Programs/Python/Python312/lib/tkinter/_init_.py", line 1968, in __call__
    return self.func(*args)
           ^^^^^^
File "c:/Users/Windows 10/Documents/Python1_Final Projects/PrototypeJavanese.py", line 70, in rsrv
    name = saves[info]
           ^^^^^^
File "c:/Users/Windows 10/Documents/Python1_Final Projects/PrototypeJavanese.py", line 25, in saves
    if a["Name"] == name:
        ^^^^^^
TypeError: string indices must be integers, not 'str'
PS C:\Users\Windows 10\Documents\Python1_Final Projects> python PrototypeJavanese.py
PS C:\Users\Windows 10\Documents\Python1_Final Projects>
```



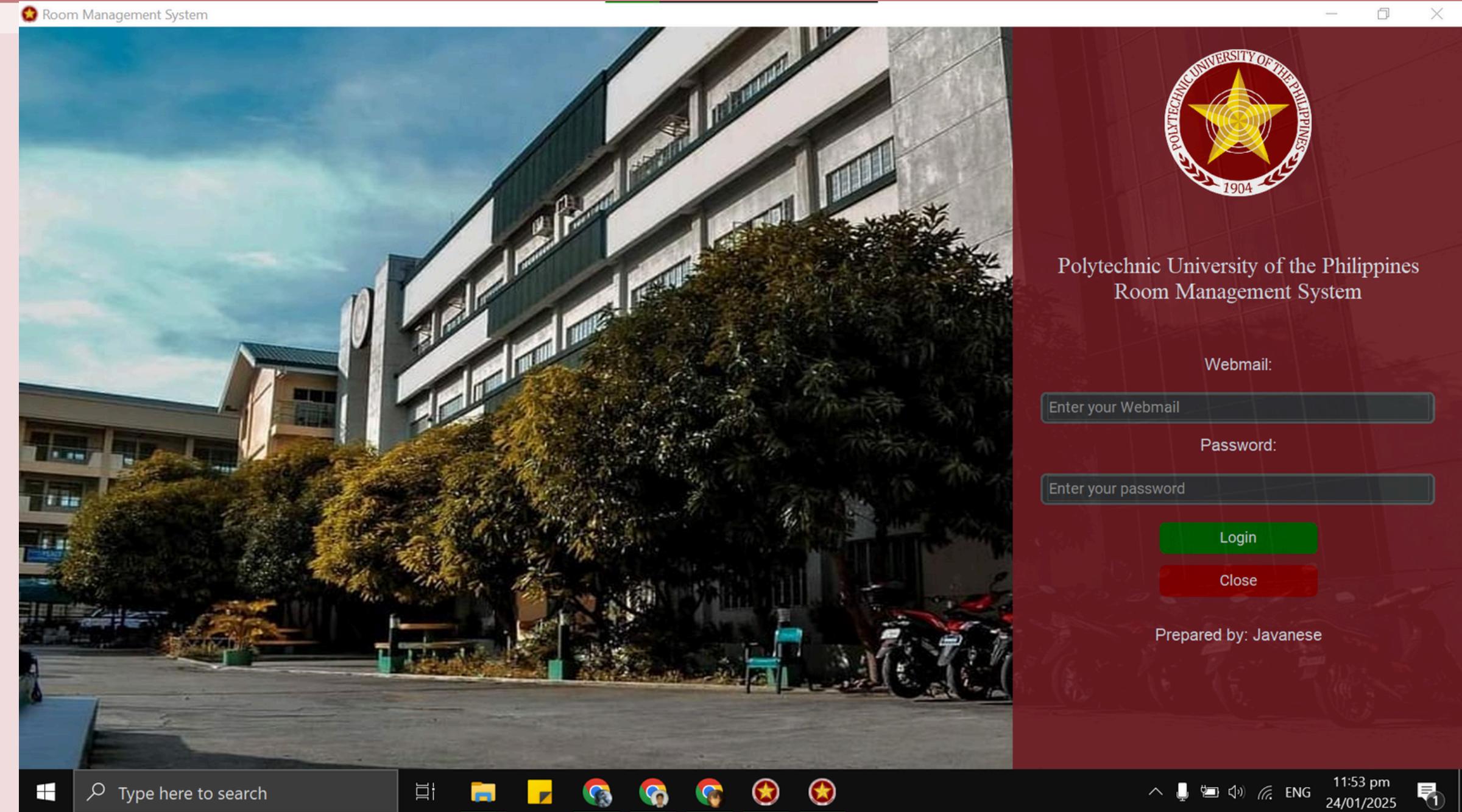
# Summary and Conclusion



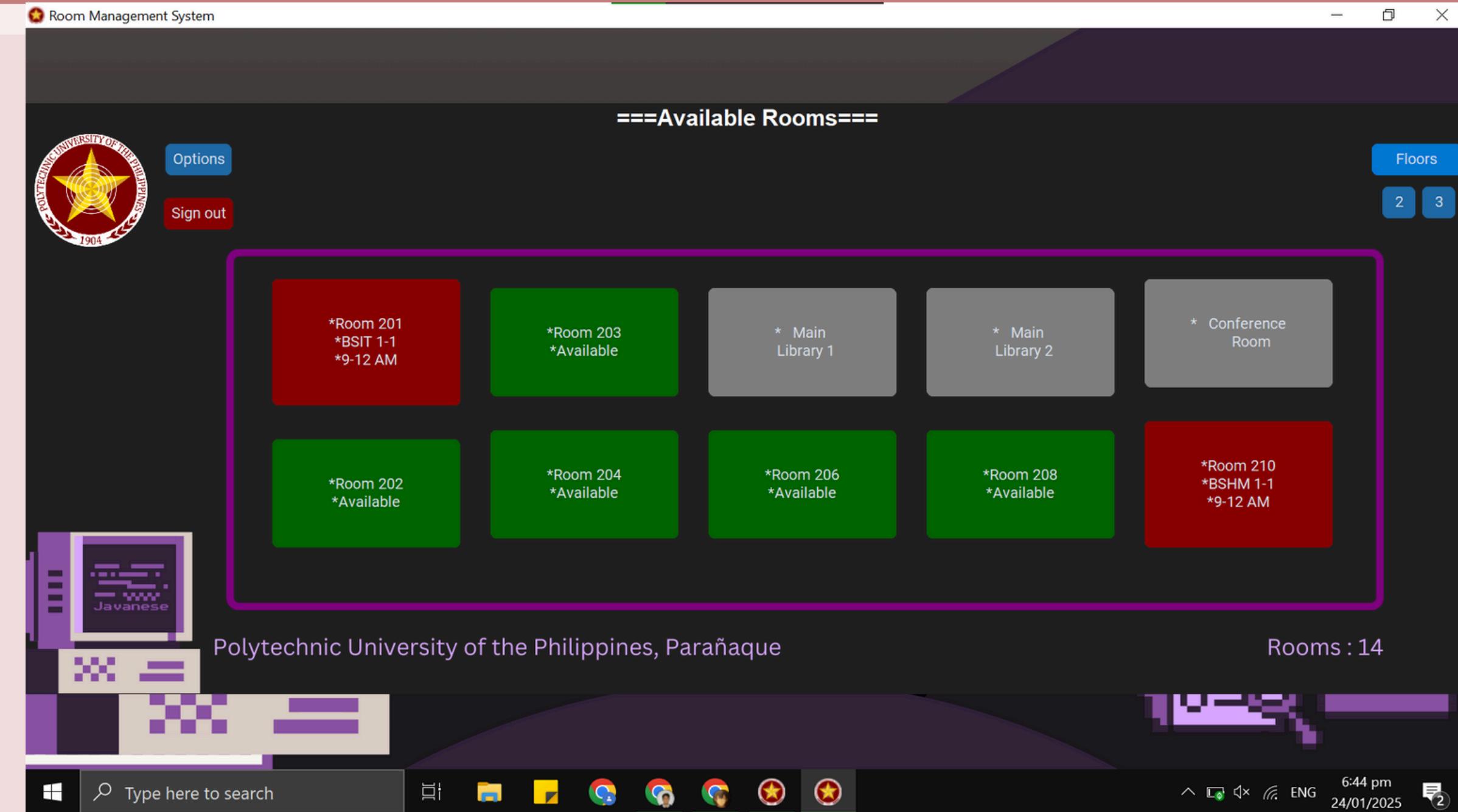
# Screen shots



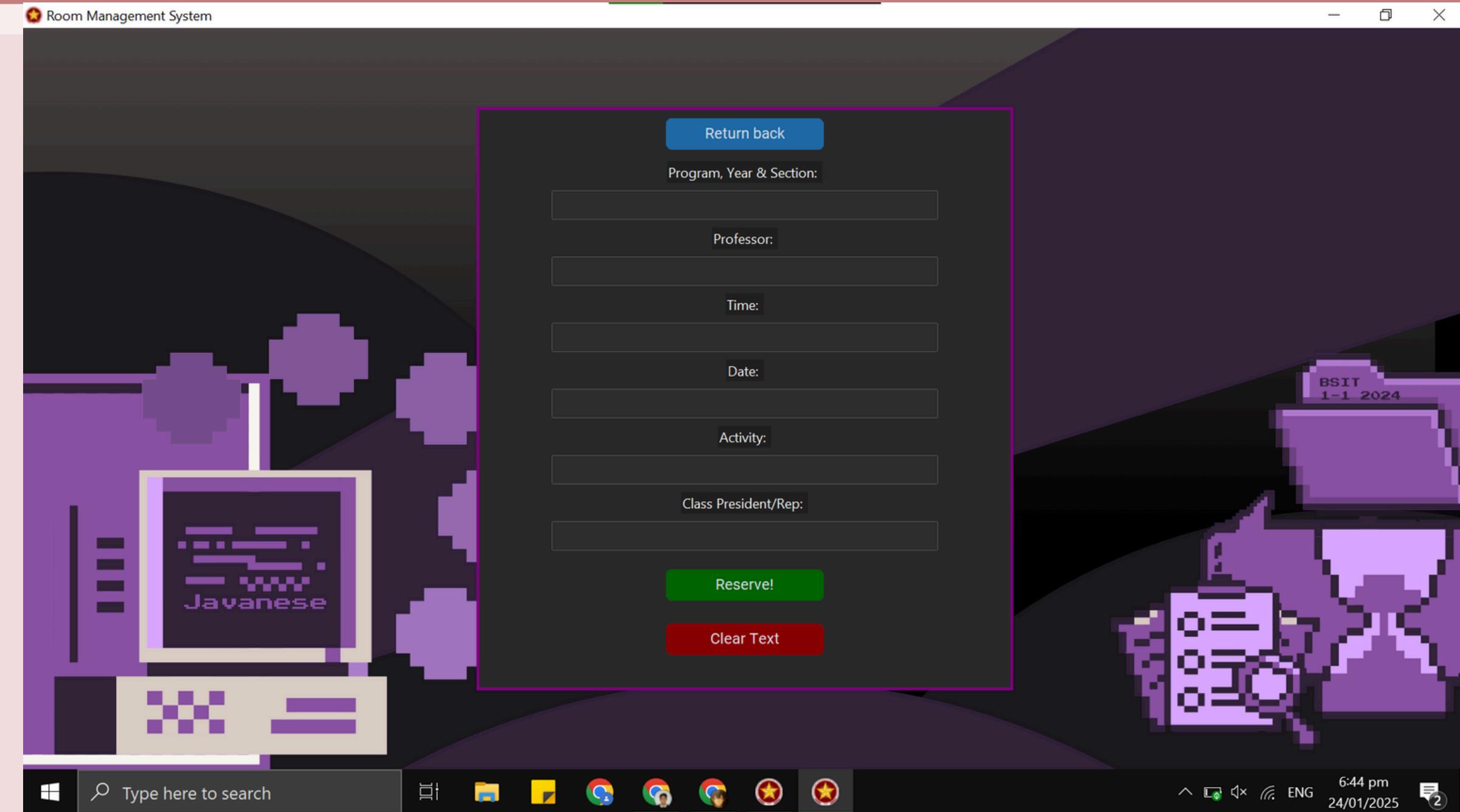
# Screenshots



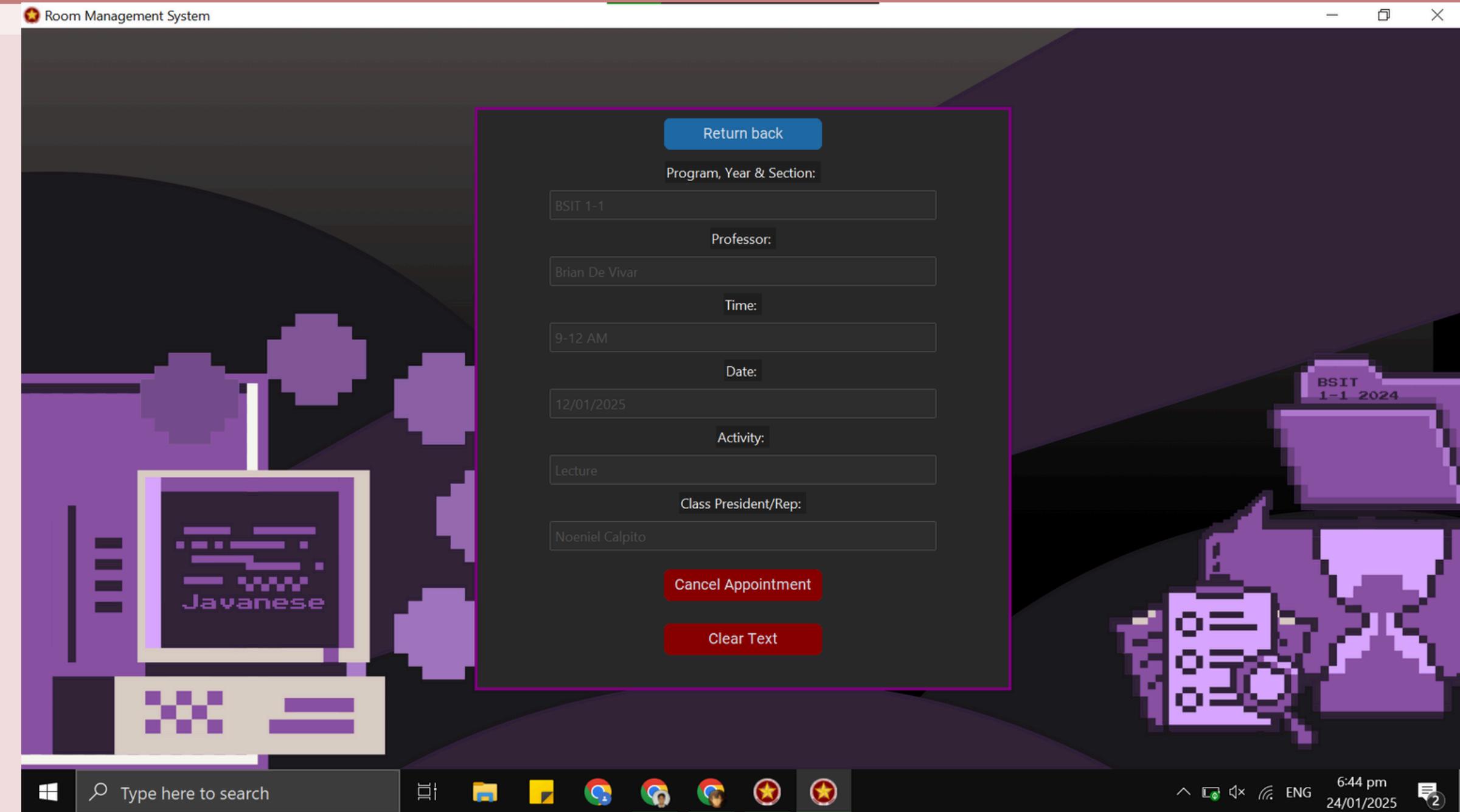
# Screenshots



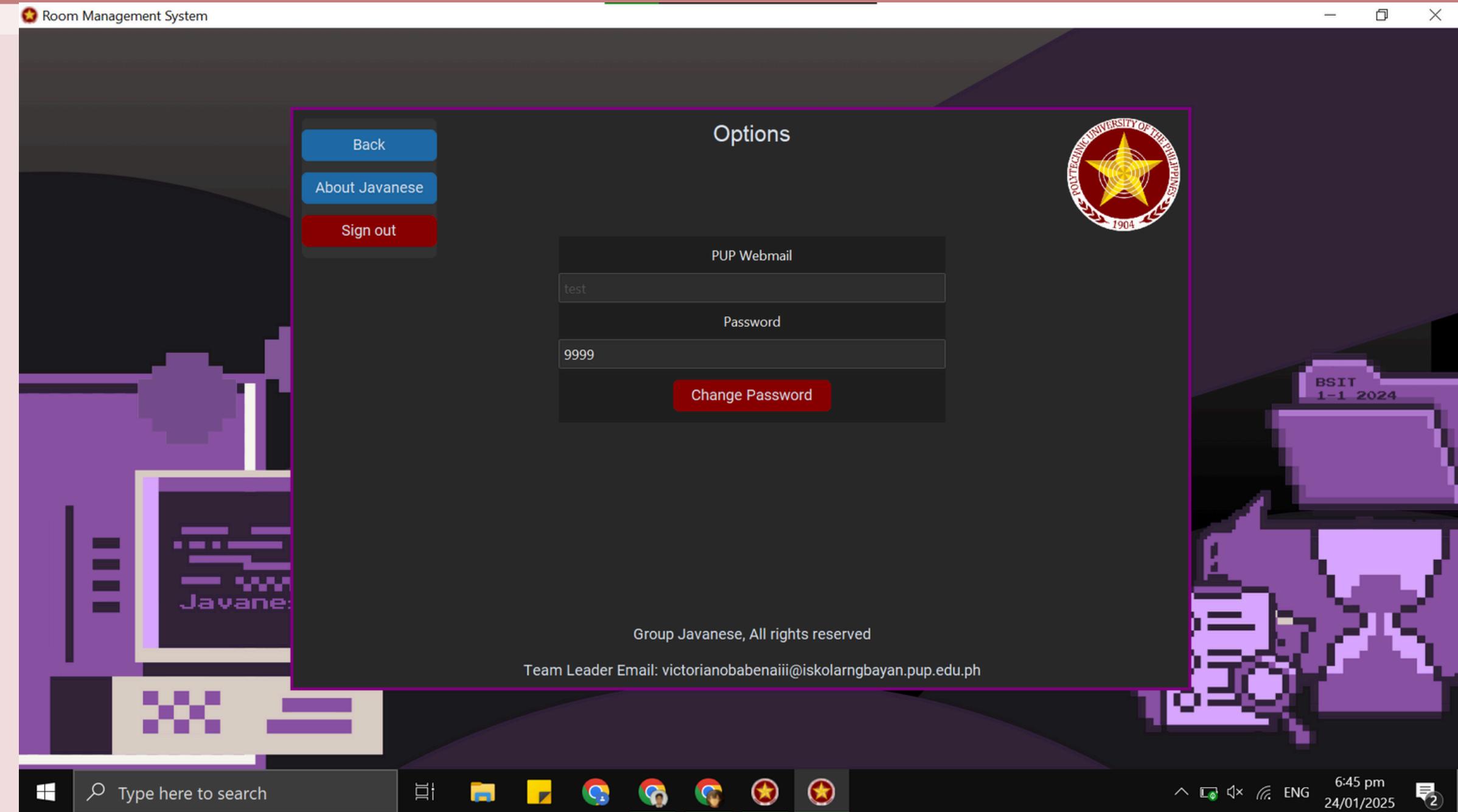
# Screenshots



# Screenshots



# Screenshots



**Test +  
Demo**





thankyou ❤

Javanese