



Project Phase 3
Co-Working Space Management System
The Final Group

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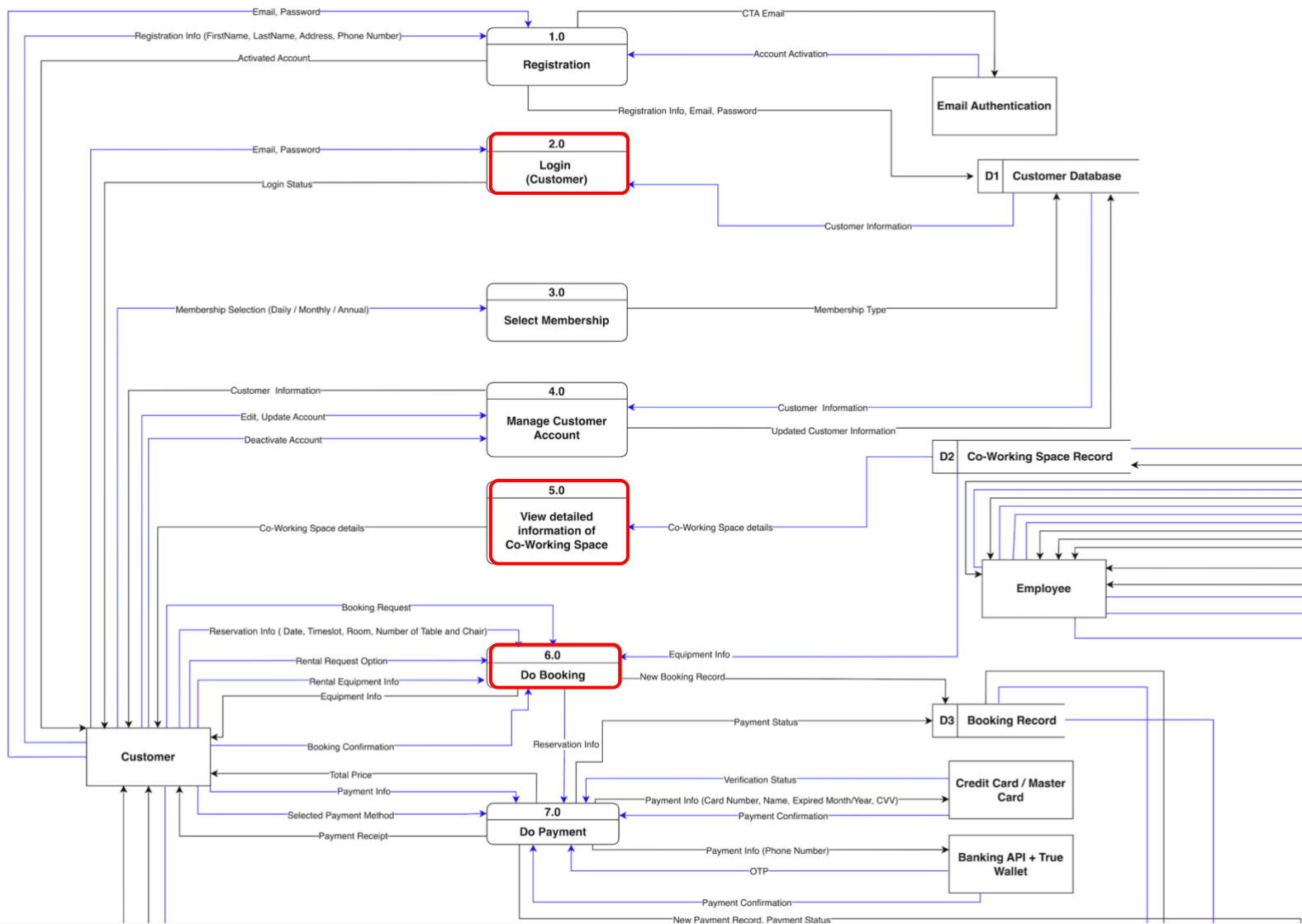
Revision Log

Revision of the 2nd phase deliverables accompanied by a list of modifications and their justifications.

1.) Mock-up prototype	
1.1	Add Logout as a process in Homepage. : An update has been implemented on the homepage, incorporating a procedure enabling users to log out from the website.
1.2	Add Cancel as a process in Viewing Information of Co-Working Space. : A new feature has been introduced to the information/room booking viewing page, allowing users to cancel and return to the homepage.

Mock-up Prototype

There are three primary processes to choose from a Data Flow Diagram level 1: ‘**Login (Customer)**’, ‘**View detailed information of Co-Working Space**’, and ‘**Do Booking**’.

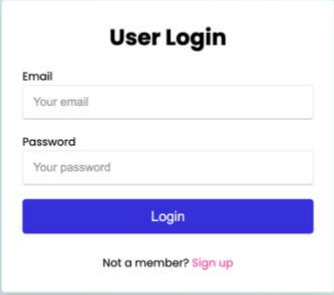


Prototype: Detailed Design Interface

Login Page

- 2.0 Login (Customer) Process

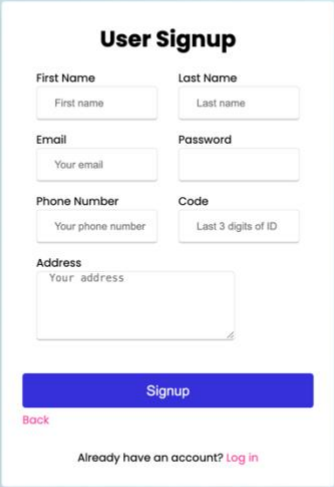
Co-Working Space



The login form is centered on a light blue background. It has a white background and a subtle drop shadow. The title "User Login" is in bold black text at the top. Below it are two input fields: "Email" with placeholder text "Your email" and "Password" with placeholder text "Your password". A blue "Login" button is below the password field. At the bottom, there is a link "Not a member? Sign up" in pink text.

Register Page

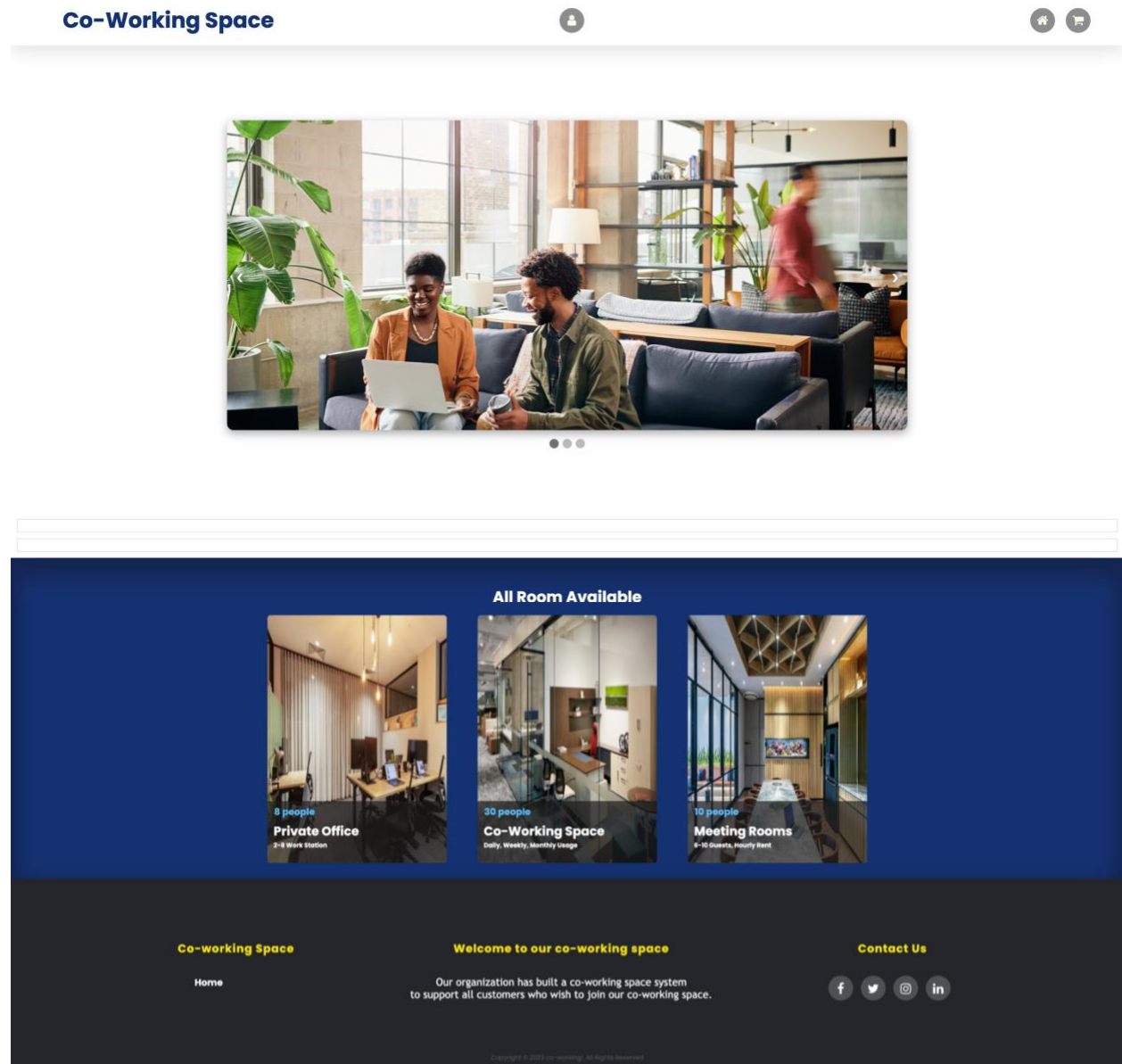
- 1.0 Registration Process (Additional)



The signup form is centered on a light blue background. It has a white background and a subtle drop shadow. The title "User Signup" is in bold black text at the top. Below it are several input fields: "First Name" (placeholder "First name"), "Last Name" (placeholder "Last name"), "Email" (placeholder "Your email"), "Password" (placeholder "Your password"), "Phone Number" (placeholder "Your phone number"), and "Code" (placeholder "Last 3 digits of ID"). There is also an "Address" field with a placeholder "Your address" and a small icon in the bottom right corner. A blue "Signup" button is below the address field. At the bottom left, there is a link "Back" in pink text. At the bottom center, there is a link "Already have an account? Log in" in pink text.

Home Page

On this page, you can see which rooms are available. To view the details of each room, you must select a room.

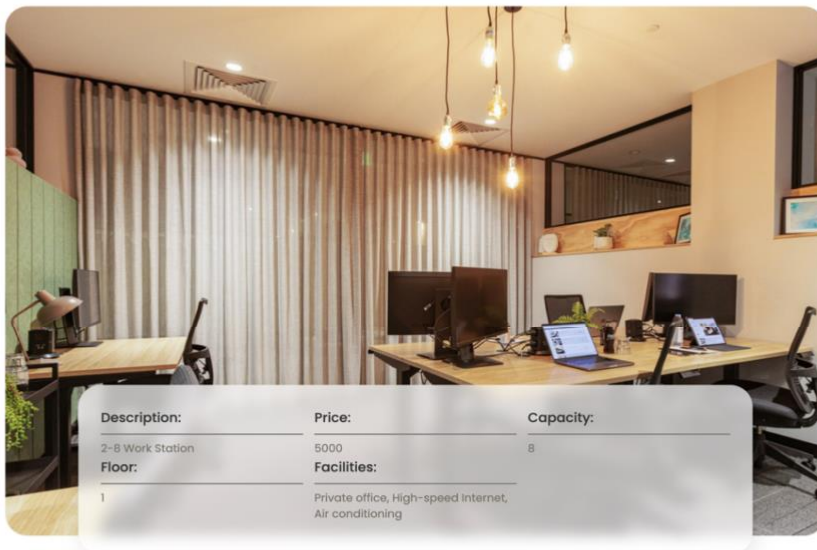


Booking Page

- **5.0 View detailed information of Co-Working Space Process**
 - In the first section you enter, you will see the details of what the room has to offer, including the description, price, capacity of the room, its location on what floor, and the available facilities.
- **6.0 Do Booking Process**
 - The second part allows you to reserve the room by providing the date, time, and equipment you wish to borrow. You can select more than one or none at all.

Coworking Information

Room: Private Office



Room Booking Form

Date:

Time:

Need Equipment?

☒ YES ☐ NO

Need Equipment?

☒ YES ☐ NO

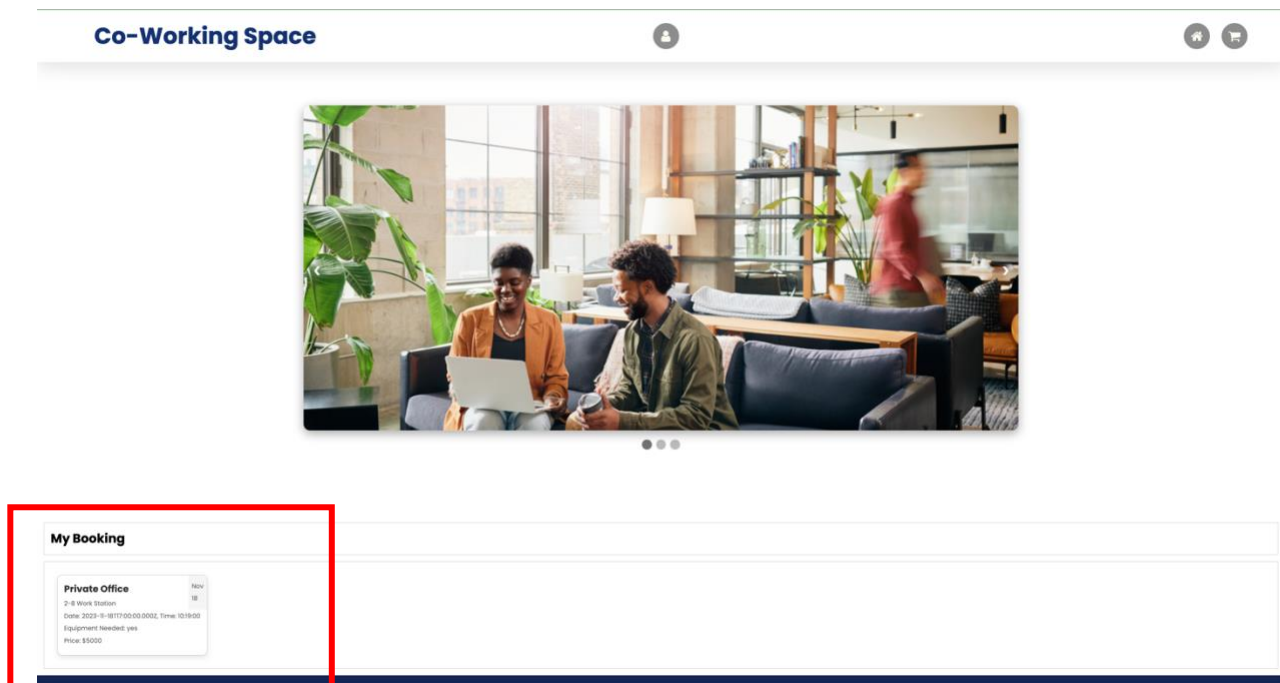
☒ Laptop \$1200

☒ Whiteboard \$150

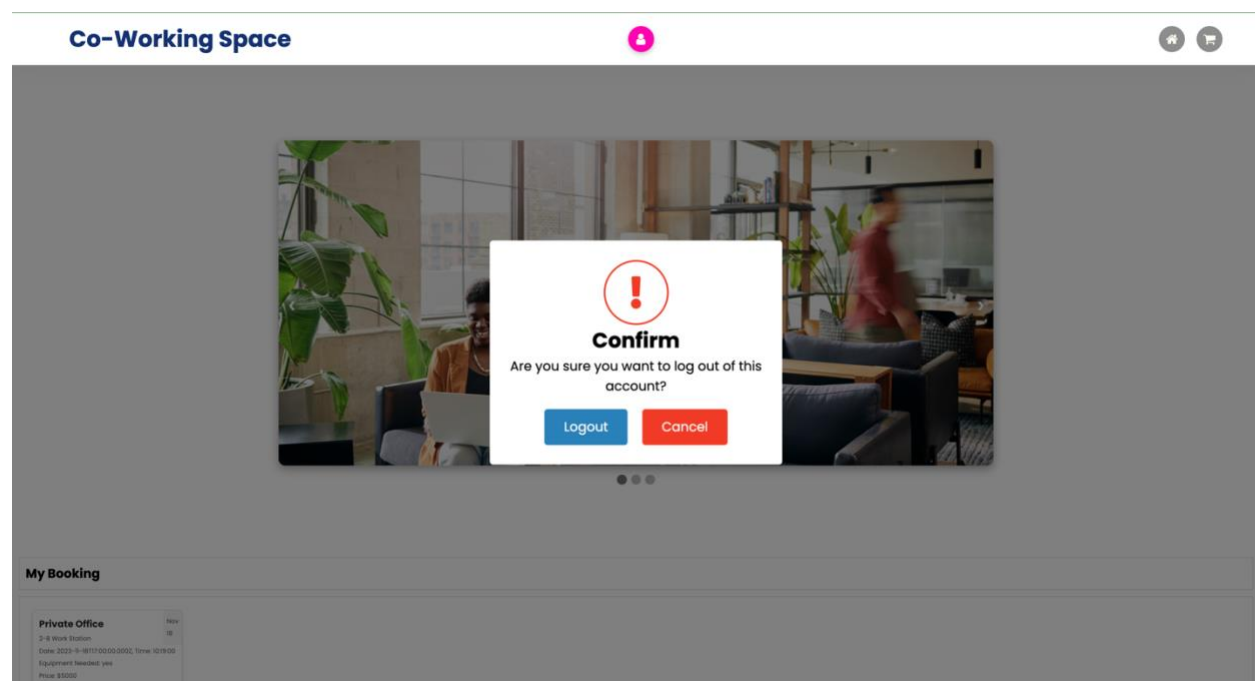
☐ Microphone \$200

☐ Pen \$1

After you make a booking, your booking history will be shown on your homepage.



If you complete everything, you can press the people icon. Then, it will ask you again, and you can log out.



Project Name: Co-Working Space Management System

Test Case Login

Test Case ID: TC_Login_1

Test Designed by: Thadeeya Duangkaew

Test Priority (Low/Medium/High): High

Test Designed date: 17 November 2023

Module Name: Co-Working Space login screen

Test Executed by: Thadeeya Duangkaew

Test Title: Verify login with valid username and password

Test Execution date: 17 November 2023

Description: Test the Co-Working Space login page

Pre-conditions: User has valid username and password

Dependencies: -

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= annie@example.com	User should be able to login	User is navigated to home page with successful login	Pass	
2	Provide valid username	annie@example.com				
3	Provide valid password	Password: pass				
4	Click on Login button					

Post-conditions:

User is validated with database and successfully login to account. The account session details are logged in database.

Project Name: Co-Working Space Management System

Project Name: Co-Working Space Management System

Test Case Login

Test Case ID: TC_Login_2

Test Designed by: Thadeeya Duangkaew

Test Priority (Low/Medium/High): High

Test Designed date: 17 November 2023

Module Name: Co-Working Space login screen

Test Executed by: Thadeeya Duangkaew

Test Title: Verify login with invalid username and password

Test Execution date: 17 November 2023

Description: Test the Co-Working Space login page

Pre-conditions: User has valid username and password

Dependencies: -

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= annie@example.com	User should not be able to login	User is not navigated to home page with successful login	Pass	
2	Provide invalid username	annie-che@example.com				
3	Provide valid password	Password: pass				
4	Click on Login button					
5	Navigate to login page	User= annie@example.com	User should not be able to login	User is not navigated to home page with successful login	Pass	
6	Provide valid username	annie@example.com				
7	Provide invalid password	Password: 1234				
8	Click on Login button					

Post-conditions:

User is invalidated with database and unsuccessfully login to account. The account session details are not found in database.

Project Name: Co-Working Space Management System

Test Case Login

Test Case ID: TC_Login_3

Test Priority (Low/Medium/High): High

Module Name: Co-Working Space login screen

Test Title: Verify login with valid username and password

Description: Test the Co-Working Space login page

Test Designed by: Thadeeya Duangkaew

Test Designed date: 17 November 2023

Test Executed by: Thadeeya Duangkaew

Test Execution date: 17 November 2023

Pre-conditions: User has valid username and password

Dependencies: -

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= paula@example.com	User should be able to login	User is navigated to home page with successful login	Pass	
2	Provide valid username	paula@example.com				
3	Provide valid password	Password: pass				
4	Click on Login button					

Post-conditions:

User is validated with database and successfully login to account. The account session details are logged in database.

Project Name: Co-Working Space Management System

Test Case Login

Test Case ID: TC_Login_4

Test Designed by: Thadeeya Duangkaew

Test Priority (Low/Medium/High): High

Test Designed date: 17 November 2023

Module Name: Co-Working Space login screen

Test Executed by: Thadeeya Duangkaew

Test Title: Verify login with invalid username and password

Test Execution date: 17 November 2023

Description: Test the Co-Working Space login page

Pre-conditions: User has valid username and password

Dependencies: -

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= paula@example.com	User should not be able to login	User is not navigated to home page with successful login	Pass	
2	Provide invalid username	paulaPonn@example.com				
3	Provide valid password	Password: pass				
4	Click on Login button					
5	Navigate to login page	User= paula@example.com	User should not be able to login	User is not navigated to home page with successful login	Pass	
6	Provide valid username	paula@example.com				
7	Provide invalid password	Password: 1212312121				
8	Click on Login button					

Post-conditions:

User is invalidated with database and unsuccessfully login to account. The account session details are not found in database.

Project Name: Co-Working Space Management System

Test Case Login

Test Case ID: TC_Login_5

Test Designed by: Thadeeya Duangkaew

Test Priority (Low/Medium/High): High

Test Designed date: 17 November 2023

Module Name: Co-Working Space login screen

Test Executed by: Thadeeya Duangkaew

Test Title: Verify login with valid username and password

Test Execution date: 17 November 2023

Description: Test the Co-Working Space login page

Pre-conditions: User has valid username and password

Dependencies: -

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= may@example.com	User should be able to login	User is navigated to home page with successful login	Pass	
2	Provide valid username	may@example.com				
3	Provide valid password	Password: pass				
4	Click on Login button					

Post-conditions:

User is validated with database and successfully login to account. The account session details are logged in database.

Project Name: Co-Working Space Management System

Test Case Login

Test Case ID: TC_Login_6

Test Designed by: Thadeeya Duangkaew

Test Priority (Low/Medium/High): High

Test Designed date: 17 November 2023

Module Name: Co-Working Space login screen

Test Executed by: Thadeeya Duangkaew

Test Title: Verify login with invalid username and password

Test Execution date: 17 November 2023

Description: Test the Co-Working Space login page

Pre-conditions: User has valid username and password

Dependencies: -

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= may@example.com	User should not be able to login	User is not navigated to home page with successful login	Pass	
2	Provide invalid username	maywho@example.com				
3	Provide valid password	Password: pass				
4	Click on Login button					
5	Navigate to login page	User= may@example.com	User should not be able to login	User is not navigated to home page with successful login	Pass	
6	Provide valid username	may@example.com				
7	Provide invalid password	Password: 11081999				
8	Click on Login button					

Post-conditions:

User is invalidated with database and unsuccessfully login to account. The account session details are not found in database.

Project Name: Co-Working Space Management System

Test Case View detailed information of Co-Working Space

Test Case ID: TC_View_1

Test Priority (Low/Medium/High): High

Module Name: Co-Working Space home screen

Test Title: View detailed information of Co-Working Space

- Private Office Type

Description: Test the detailed information display for the Private office type

Test Designed by: Pimmada Chompurat

Test Designed date: 17 November 2023

Test Executed by: Pimmada Chompurat

Test Execution date: 17 November 2023

Pre-conditions: User log in into the system

Dependencies: User is validated with database and successfully login to account

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= annie@example.com	User should be able to login	User is navigated to home page with successful login	Pass	
2	Provide valid username	annie@example.com				
3	Provide valid password	Password: pass				
4	Click on Login button					
5	Navigate to home page					
6	Scroll down to the bottom of the homepage		User scrolls down to view all available rooms.	User can see the section titled "All Room Available."	Pass	
7	Click on Private Office		Verify that at the top right of the page, the room type is displayed as "Room: Private Office" The coworking information includes. • Description: 2-8 Workstation	At the top right of the page, the room type is displayed as "Room: Private Office" The detailed coworking information is correctly presented: • Description: 2-8 Workstation	Pass	

		<ul style="list-style-type: none"> • Floor: 1 • Price: 5000 • Facilities: Private office, High-speed Internet, Air conditioning • Capacity: 8 	<ul style="list-style-type: none"> • Floor: 1 • Price: 5000 • Facilities: Private office, High-speed Internet, Air conditioning • Capacity: 8 		
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Post-conditions:

User Initiates the booking process.

Project Name: Co-Working Space Management System

Test Case View detailed information of Co-Working Space

Test Case ID: TC_View_2

Test Priority (Low/Medium/High): High

Module Name: Co-Working Space home screen

Test Title: View detailed information of Co-Working Space

- Co-working Space

Description: Test the detailed information display for the Co-working Space type

Test Designed by: Pimmada Chompurat

Test Designed date: 17 November 2023

Test Executed by: Pimmada Chompurat

Test Execution date: 17 November 2023

Pre-conditions: User log in into the system

Dependencies: User is validated with database and successfully login to account

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= annie@example.com	User should be able to login	User is navigated to home page with successful login	Pass	
2	Provide valid username	annie@example.com				
3	Provide valid password	Password: pass				
4	Click on Login button					
5	Navigate to home page					
6	Scroll down to the bottom of the homepage		User scrolls down to view all available rooms.	User can see the section titled "All Room Available."	Pass	
7	Click on Private Office		Verify that at the top right of the page, the room type is displayed as "Room: Co-working Space" The coworking information includes. <ul style="list-style-type: none">• Description: Daily, Weekly, Monthly Usage• Floor: 2• Price: 4600	At the top right of the page, the room type is displayed as " Room: Co-working Space" The detailed coworking information is correctly presented: <ul style="list-style-type: none">• Description: Daily, Weekly, Monthly Usage• Floor: 2• Price: 4600	Pass	

		<ul style="list-style-type: none"> • Facilities: Co-working desks, Meeting rooms, Kitchen • Capacity: 30 	<ul style="list-style-type: none"> • Facilities: Co-working desks, Meeting rooms, Kitchen • Capacity: 30 		
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Post-conditions:

User Initiates the booking process.

Project Name: Co-Working Space Management System

Test Case View detailed information of Co-Working Space

Test Case ID: TC_View_3

Test Priority (Low/Medium/High): High

Module Name: Co-Working Space home screen

Test Title: View detailed information of Co-Working Space

- Meeting Rooms

Description: Test the detailed information display for the Meeting Rooms type

Test Designed by: Pimmada Chompurat

Test Designed date: 17 November 2023

Test Executed by: Pimmada Chompurat

Test Execution date: 17 November 2023

Pre-conditions: User log in into the system

Dependencies: User is validated with database and successfully login to account

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to login page	User= annie@example.com	User should be able to login	User is navigated to home page with successful login	Pass	
2	Provide valid username	annie@example.com				
3	Provide valid password	Password: pass				
4	Click on Login button					
5	Navigate to home page					
6	Scroll down to the bottom of the homepage		User scrolls down to view all available rooms.	User can see the section titled "All Room Available."	Pass	
7	Click on Private Office		Verify that at the top right of the page, the room type is displayed as "Room: Meeting Rooms" The coworking information includes. <ul style="list-style-type: none">• Description: 6-10 Guests, Hourly Rent• Floor: 3• Price: 3800	At the top right of the page, the room type is displayed as "Room:Meeting Rooms" The detailed coworking information is correctly presented: <ul style="list-style-type: none">• Description: 6-10 Guests, Hourly Rent• Floor: 3	Pass	

		<ul style="list-style-type: none"> • Facilities: Meeting room, Projector, Whiteboard • Capacity: 10 	<ul style="list-style-type: none"> • Price: 3800 • Facilities: Meeting room, Projector, Whiteboard • Capacity: 10 		
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Post-conditions:

User Initiates the booking process.

Project Name: Co-Working Space Management System

Test Case Booking Co-Working Space

Test Case ID: TC_Book_1

Test Priority (Low/Medium/High): High

Module Name: Co-Working Space home screen

Test Title: Book the Meeting Room

Description: Test the booking for the Meeting Rooms

Test Designed by: Ravikarn Jarungjitvittawas

Test Designed date: 18 November 2023

Test Executed by: Ravikarn Jarungjitvittawas

Test Execution date: 18 November 2023

Pre-conditions: User log in into the system

Dependencies: User is validated with database and successfully login to account

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to home page		User sees photos of our co-working space type.	Example photos of our Co-Working Space	Pass	
2	Scroll down to the bottom of the homepage		User sees detailed information of our co-working space type.	All Room Available Private Office <ul style="list-style-type: none">8 people2-8 Work Station Co-Working Space <ul style="list-style-type: none">30 peopleDaily, Weekly, Monthly Usage Meeting Rooms <ul style="list-style-type: none">10 people6-10 Guests, Hourly Rent	Pass	
3	Click on Meeting Rooms		User sees detailed information of Meeting Rooms such as description, price, capacity, floor, facilities.	The detailed coworking information is correctly presented: <ul style="list-style-type: none">Description: 6-10 Guests, Hourly RentFloor: 3Price: 3800Facilities: Meeting room,	Pass	

				Projector, Whiteboard • Capacity: 10		
4	Scroll down to the bottom of the Meeting Rooms page		User sees the Room Booking Form and can select the date and time.	Room Booking Form Date: dd/mm/yyyy Time: --:--	Pass	
5	Click on the yes below the Need Equipment?		User can select the equipment which user want to rent, for example, Laptop, Whiteboard, Microphone, and Pen.	<ul style="list-style-type: none"> Laptop \$1200 Whiteboard \$150 Microphone \$200 Pen \$1 	Pass	
6	Click on Book Room button		User finish the booking of the Meeting Room	<p>The information of user's booking will be shown at the home page.</p> <p>My Booking</p> <p>Meeting Rooms</p> <ul style="list-style-type: none"> 6-10 Guests, Hourly Rent Date: 2023-11-20, Time: 10:30:00 Equipment Needed: yes Price: \$3800 	Pass	

Post-conditions:

User finishes the booking process.

Project Name: Co-Working Space Management System

Test Case Booking Co-Working Space

Test Case ID: TC_Book_2

Test Priority (Low/Medium/High): High

Module Name: Co-Working Space home screen

Test Title: Book the Co-Working Space

Description: Test the booking for the Co-Working Space

Test Designed by: Ravikarn Jarungjitvittawas

Test Designed date: 18 November 2023

Test Executed by: Ravikarn Jarungjitvittawas

Test Execution date: 18 November 2023

Pre-conditions: User log in into the system

Dependencies: User is validated with database and successfully login to account

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to home page		User sees photos of our co-working space type.	Example photos of our Co-Working Space	Pass	
2	Scroll down to the bottom of the homepage		User sees detailed information of our co-working space type.	All Room Available Private Office <ul style="list-style-type: none">8 people2-8 Work Station Co-Working Space <ul style="list-style-type: none">30 peopleDaily, Weekly, Monthly Usage Meeting Rooms <ul style="list-style-type: none">10 people6-10 Guests, Hourly Rent	Pass	
3	Click on Co-Working Space		User sees detailed information Co-Working Space such as description, price, capacity, floor, facilities.	The detailed co-working information is correctly presented: <ul style="list-style-type: none">Description: Daily, Weekly, Monthly UsageFloor: 2Price: 4600Facilities: Co-Working Space desks, Meeting rooms, KitchenCapacity: 30	Pass	

4	Scroll down to the bottom of the Private Office page		User sees the Room Booking Form and can select the date and time.	Room Booking Form Date: dd/mm/yyyy Time: --:--	Pass	
5	Click on the yes below the Need Equipment?		User can select the equipment which user want to rent, for example, Laptop, Whiteboard, Microphone, and Pen.	<ul style="list-style-type: none"> Laptop \$1200 Whiteboard \$150 Microphone \$200 Pen \$1 	Pass	
6	Click on Book Room button		User finishes the booking of the Co-Working Space	<p>The information of user's booking will be shown at the home page.</p> <p>My Booking Co-Working Space</p> <ul style="list-style-type: none"> Daily, Weekly, Monthly Usage Date: 2023-11-20, Time: 13:00:00 Equipment Needed: no Price: \$46000 	Pass	

Post-conditions:

User finishes the booking process.

Project Name: Co-Working Space Management System

Test Case Booking Co-Working Space

Test Case ID: TC_Book_3

Test Priority (Low/Medium/High): High

Module Name: Co-Working Space home screen

Test Title: Book the Private Office

Description: Test the booking for the Private Office

Test Designed by: Ravikarn Jarungjitvittawas

Test Designed date: 18 November 2023

Test Executed by: Ravikarn Jarungjitvittawas

Test Execution date: 18 November 2023

Pre-conditions: User log in into the system

Dependencies: User is validated with database and successfully login to account

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to home page		User sees photos of our co-working space type.	Example photos of our Co-Working Space	Pass	
2	Scroll down to the bottom of the homepage		User sees detailed information of our co-working space type.	All Room Available Private Office <ul style="list-style-type: none">8 people2-8 Work Station Co-Working Space <ul style="list-style-type: none">30 peopleDaily, Weekly, Monthly Usage Meeting Rooms <ul style="list-style-type: none">10 people6-10 Guests, Hourly Rent	Pass	
3	Click on Private Office		User sees detailed information Private Office such as description, price, capacity, floor, facilities.	The detailed co-working information is correctly presented: <ul style="list-style-type: none">Description: 2-8 Work StationFloor: 1Price: 5000Facilities: Private Office, High-speed, Air conditioningCapacity: 8	Pass	

4	Scroll down to the bottom of the Private Office page		User sees the Room Booking Form and can select the date and time.	Room Booking Form Date: dd/mm/yyyy Time: --:--	Pass	
5	Click on the yes below the Need Equipment?		User can select the equipment which user want to rent, for example, Laptop, Whiteboard, Microphone, and Pen.	<ul style="list-style-type: none"> Laptop \$1200 Whiteboard \$150 Microphone \$200 Pen \$1 	Pass	
6	Click on Book Room button		User finishes the booking of the Private Office	<p>The information of user's booking will be shown at the home page.</p> <p>My Booking Private Office</p> <ul style="list-style-type: none"> 2-8 Work Station Date: 2023-11-19, Time: 11:00:00 Equipment Needed: yes Price: \$5000 	Pass	

Post-conditions:

User finishes the booking process.