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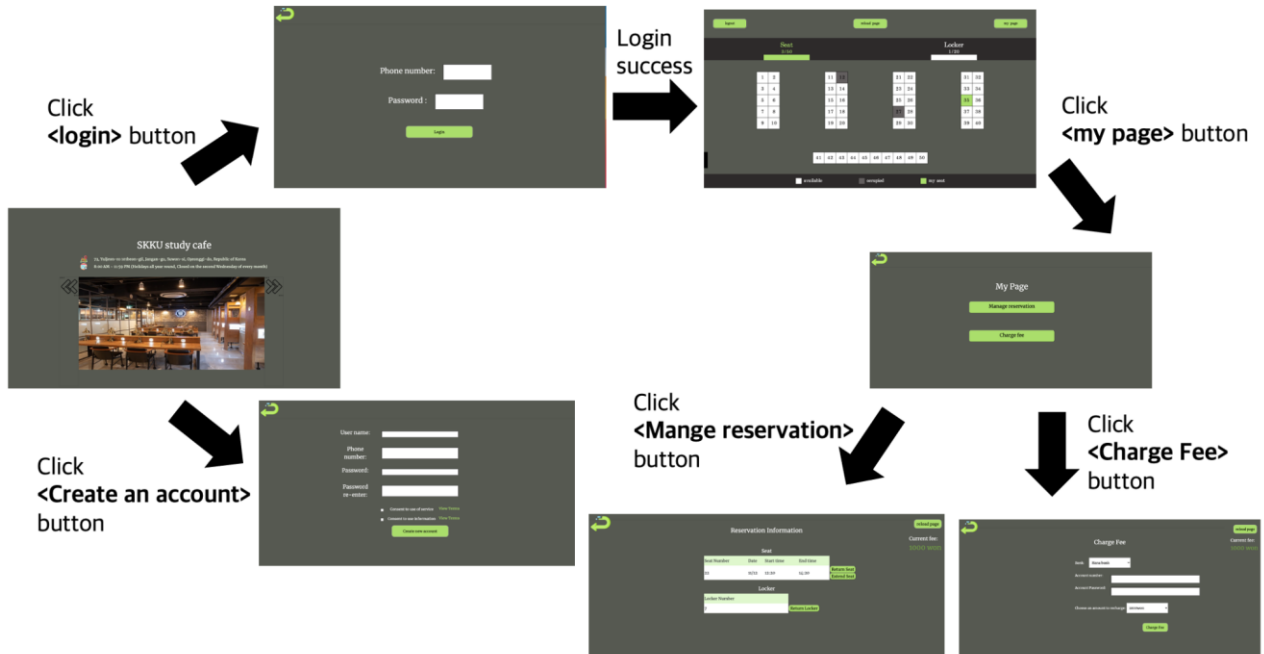
Course Section Number: SWE3048_43

WEB PROJECT

FINAL REPORT

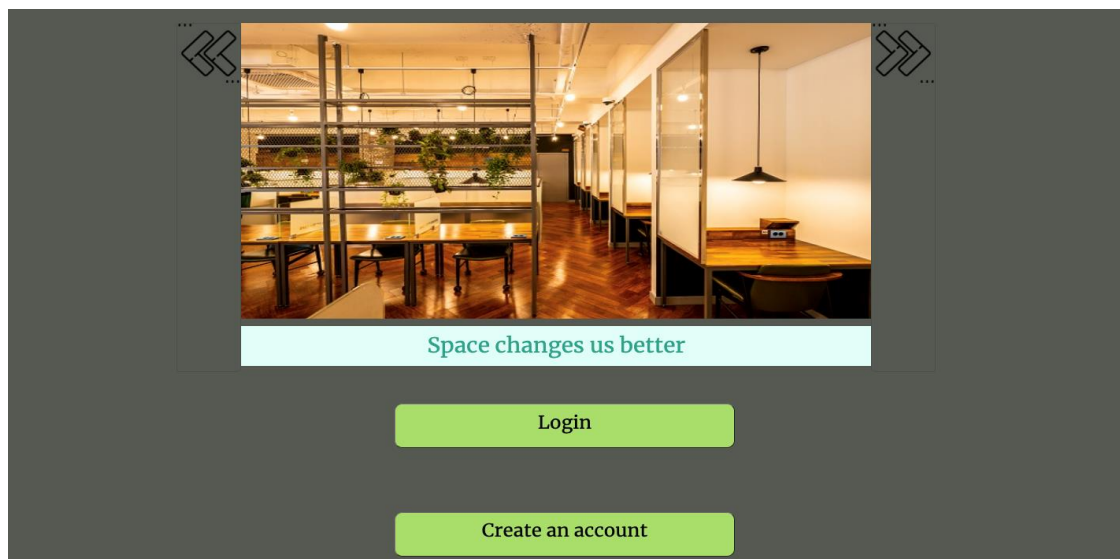
[SKKU STUDY CAFE]

- overview



1. First page





[Main Function]

- Click <Login> btn -> go to login page
- Click <Create an account> btn -> go to create account page

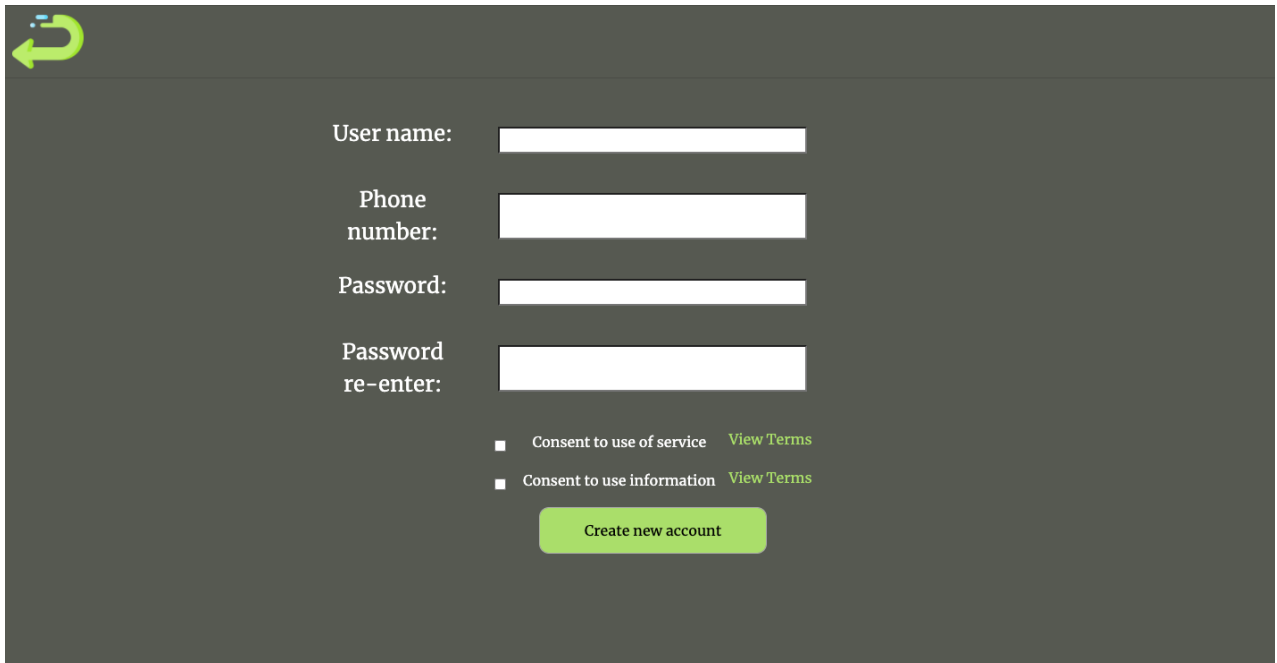
2. Login page

The image shows the login page of the application. It has a dark gray background. In the top left corner, there is a green circular arrow icon. The form consists of two white input fields. The first field is labeled "Phone number:" and the second field is labeled "Password :". Below these fields is a green button labeled "Login".

[Main Function]

- User enter phone number, password & click <Login> btn.
- If entered values are correct, user can enter to reservation page.
- Otherwise, alert message will appear.

3. Create account page



The image shows a 'Create account' page with a dark gray background. In the top left corner, there is a green circular arrow icon. The form consists of several white input fields and checkboxes. The labels for the fields are 'User name:', 'Phone number:', 'Password:', and 'Password re-enter:'. Below the password fields, there are two checkboxes, each followed by the text 'Consent to use of service' and 'Consent to use information', with a green 'View Terms' link to the right of each. At the bottom of the form is a green button with the text 'Create new account'.

User name:

Phone number:

Password:

Password re-enter:

☐ Consent to use of service [View Terms](#)

☐ Consent to use information [View Terms](#)

[Create new account](#)



The image shows a 'Terms and Conditions' page with a dark gray background. A white modal window is centered on the screen, containing the text of the terms. The modal has a close button 'X' in the top right corner. The text is organized into articles. Article 1 (Purpose) states the purpose of the terms. Article 3 (Provision of identity information, etc.) lists the information the company collects. Article 4 (Publication of Terms and Conditions, etc.) describes how the terms are published and how users can access them.

[X](#)

Article 1 (Purpose)

The purpose of these terms and conditions is to stipulate rights, obligations and responsibilities between the company and users in relation to the use of digital contents (hereinafter referred to as "contents") and other services provided by the company online, to do.

Article 3 (Provision of identity information, etc.)

The "Company" shall include the contents of these terms and conditions, trade name, representative name, business address (including the address where consumer complaints can be handled), phone number, facsimile number, E-mail address, business registration number, mail-order business report number, and the person in charge of personal information management are posted on the initial screen of the online service so that users can easily find out. However, the terms and conditions can be viewed by the user through the connection screen.

Article 4 (Publication of Terms and Conditions, etc.)

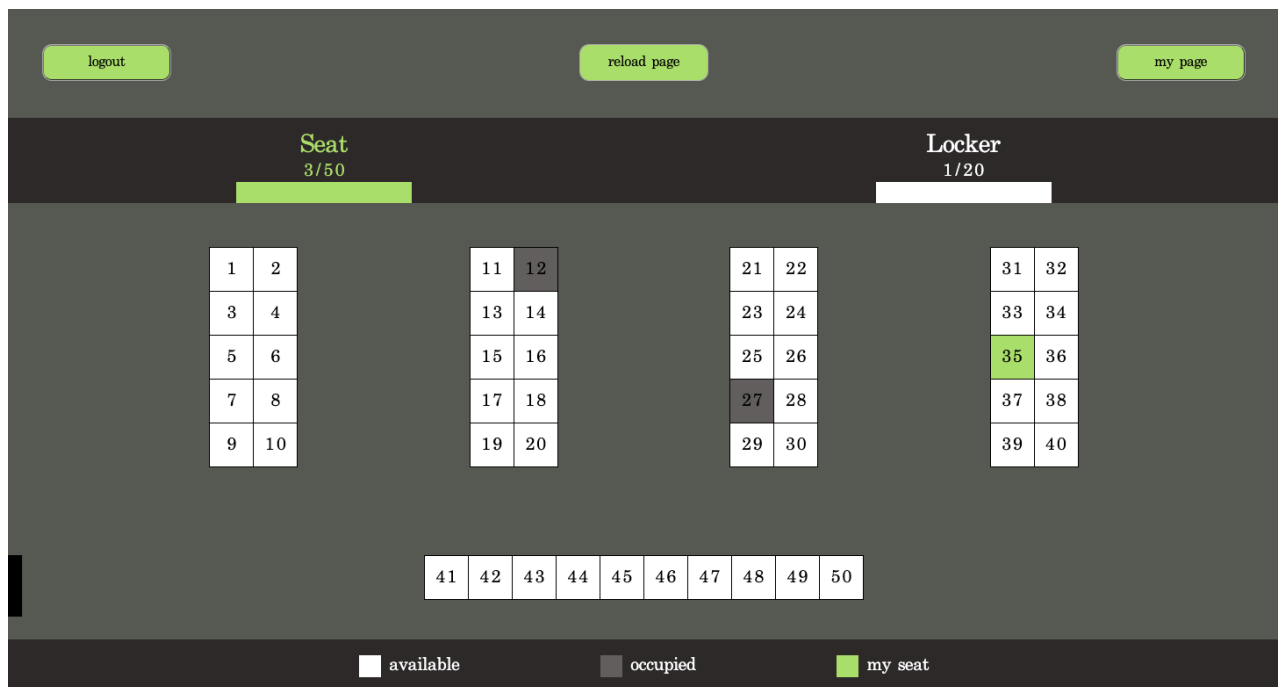
(1) "Company" takes technical measures so that "members" can print all of these terms and conditions and check the contents of the terms and conditions during the transaction. (2) "Company" installs technical devices so that "Users" can ask and answer questions about "Company" and the contents of these Terms and Conditions.

[Main Function]

- User enter name, phone, number, password, phone number of their parents.

- User should agree to terms and conditions.
- There are requirements such as a 4-digit or more password. If the user adheres to all of these, an account is created.

4. Reservation page

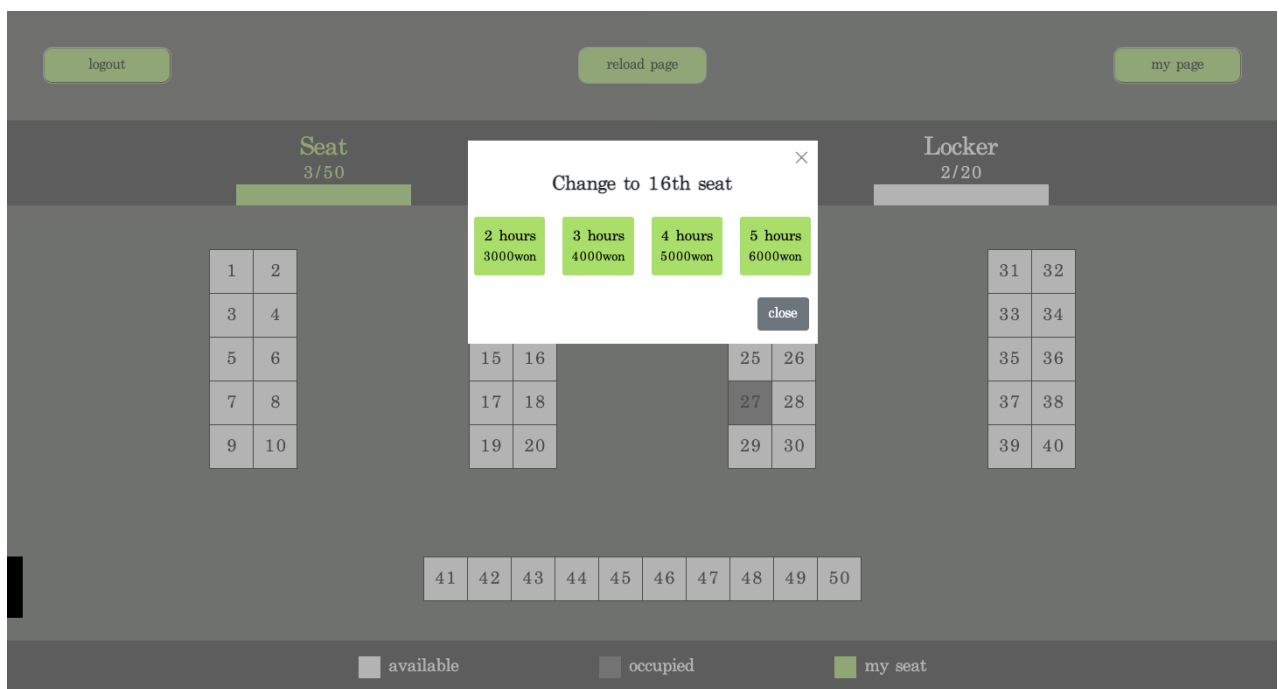
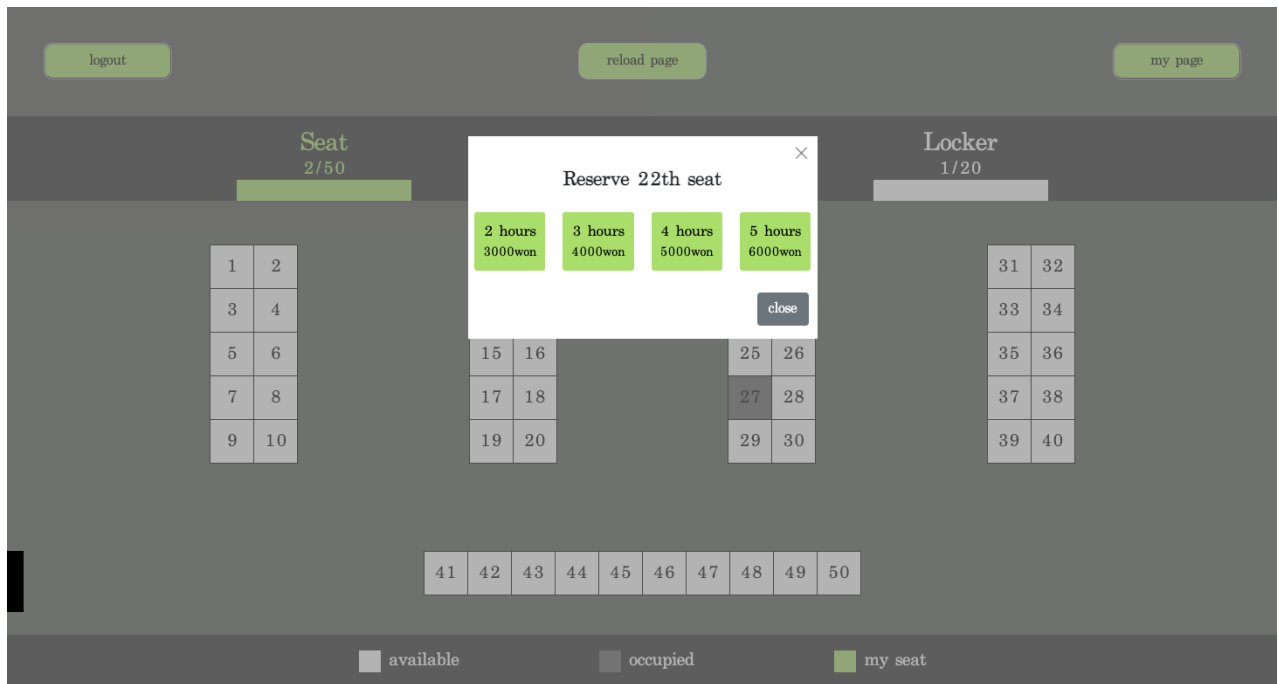


This page is to reserve the seat and locker. On the left side, black object means the door of the study room.

[Main function]

- check available seats
(white: available seat, grey: occupied seat, green: my seat)
- Click <white available seat> btn -> show popup for reservation
(if user already reserves seat, it shows popup for changing seat)
- Click <green my seat> btn -> show popup for return
- Click <logout> btn -> logout
- Click <reload page> btn -> reload page

- Click <my page> btn -> go to mypage



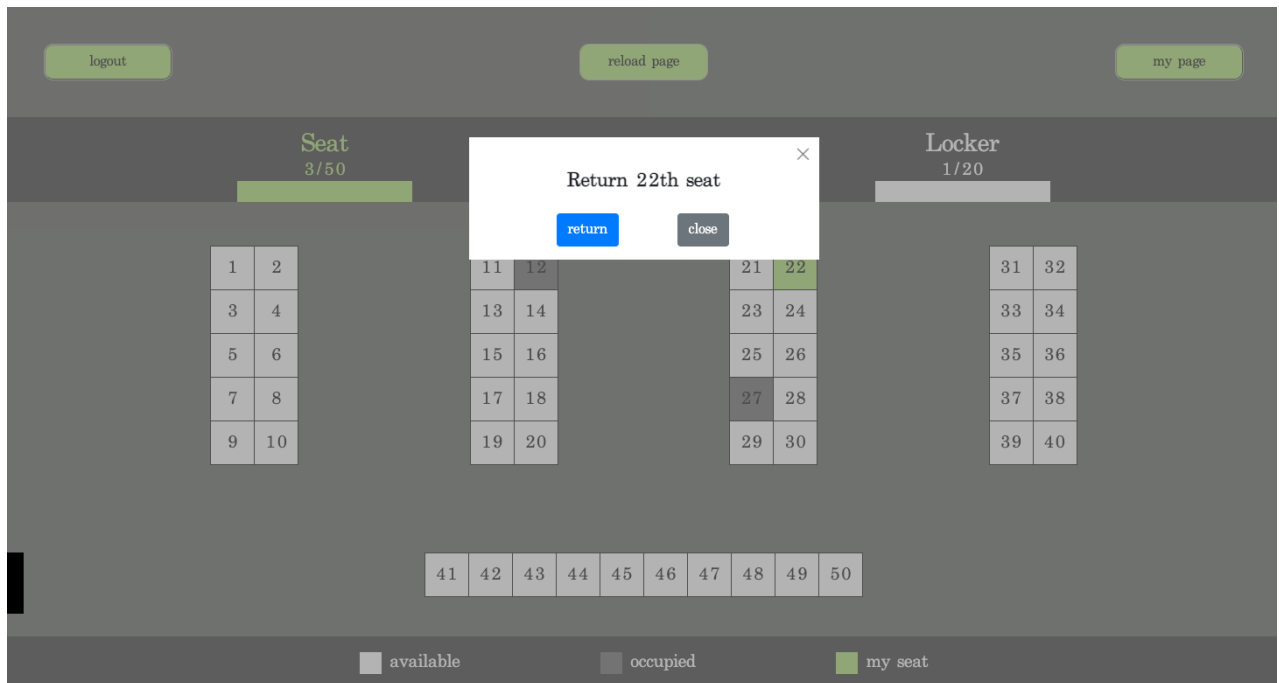
This screen is a popup to reserve/change a seat. If user already reserves seat, it shows "change to # seat" popup.

[Main function]

- Click <hours> btn -> choose hours to reserve

(if user has insufficient fee, it shows error message)

- Click <close> btn -> close popup



This screen is a popup to return a seat.

[Main function]

- Click <return> btn -> return my seat
- Click <close> btn -> close popup

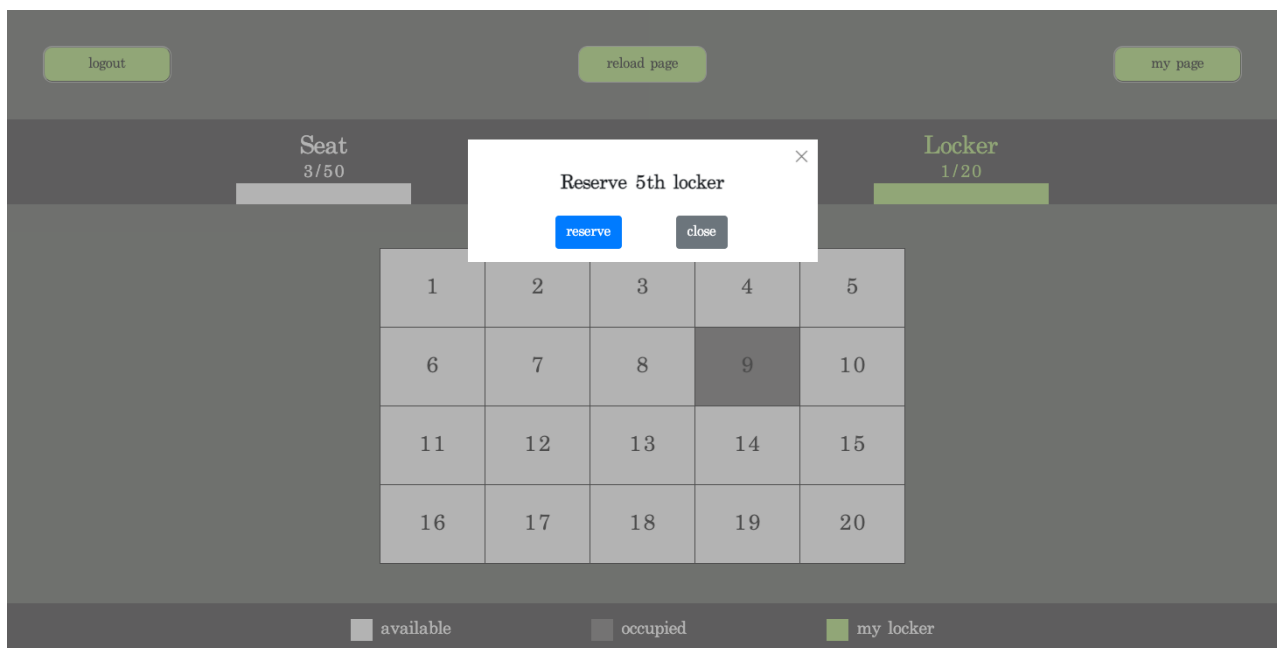


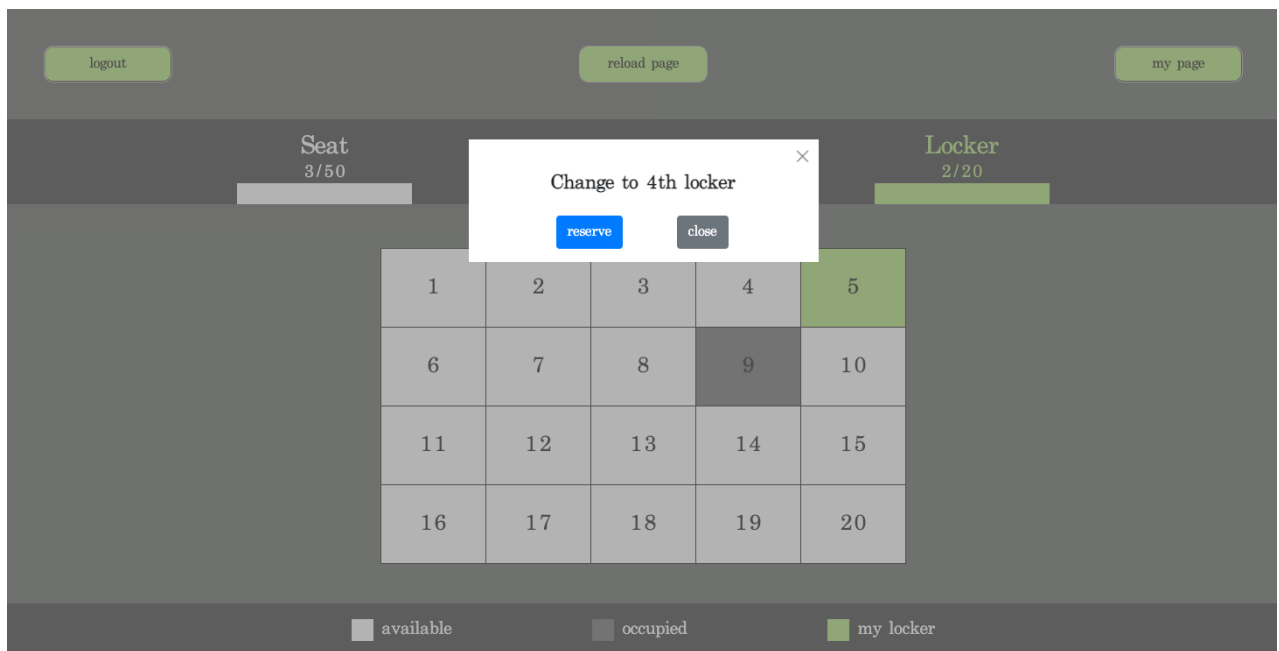
[Main function]

- check available lockers

(white: available locker, grey: occupied locker, green: my locker)

- Click <white available locker> btn -> show popup for reservation
(if user already reserves locker, it shows popup for changing locker)
- Click <green my locker> btn -> show popup for return
- Click <logout> btn -> logout
- Click <reload page> btn -> reload page
- Click <my page> btn -> go to mypage



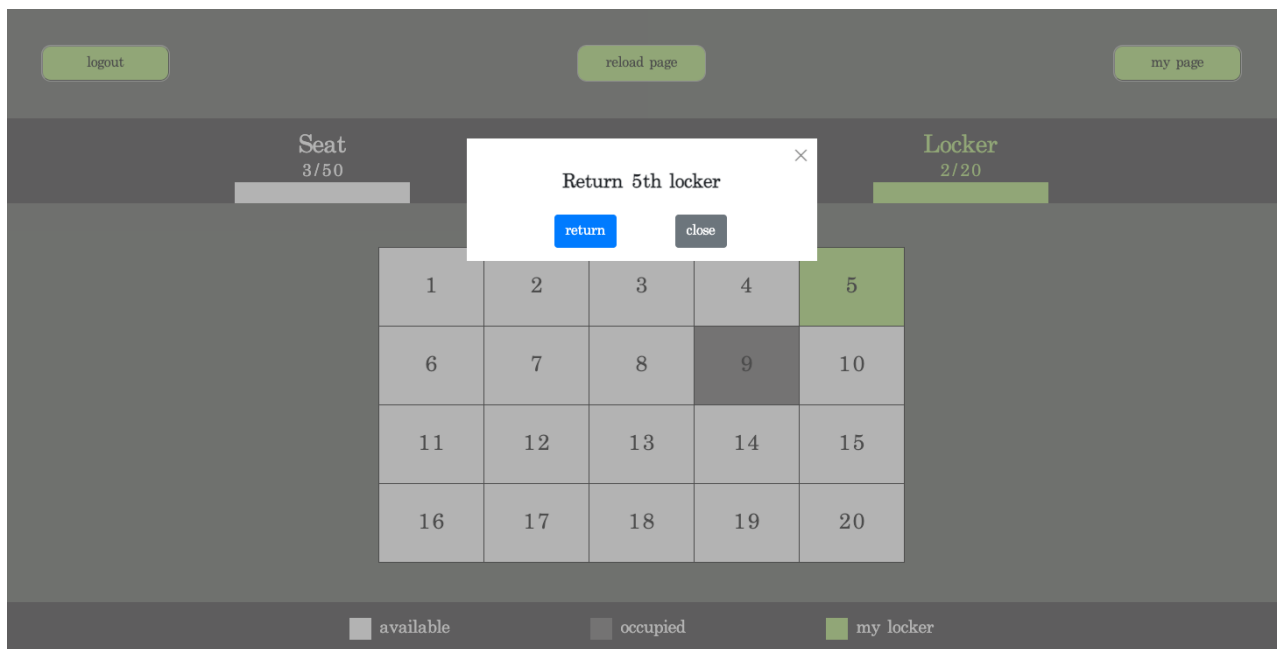


This screen is a popup to reserve/change a locker. If user already reserves locker, it shows "change to # locker" popup.

Locker system is the voluntary system that user doesn't charge and there is no fixed time(no end time to return). Users can use their lockers until they return them. Thus it is not per hours.

[Main function]

- Click <reserve> btn -> reserve locker
(if user has insufficient fee, it shows error message)
- Click <close> btn -> close popup

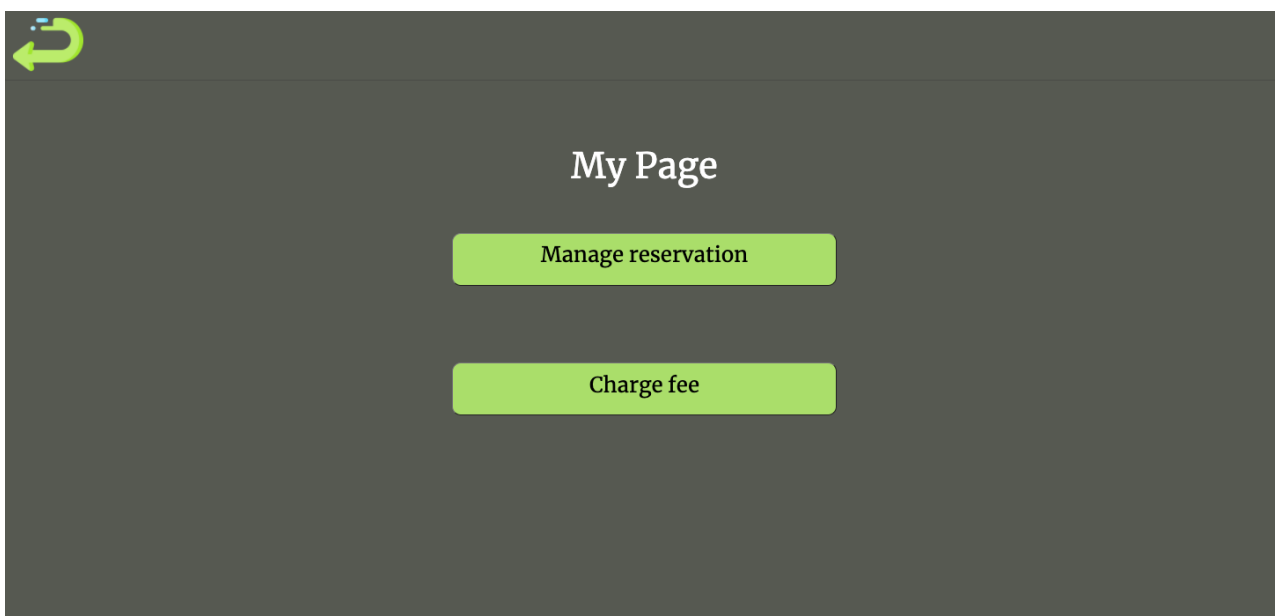


This screen is a popup to return a locker.

[Main function]

- Click <return> btn -> return locker
- Click <close> btn -> close popup

5. My page



This page is to go to the reservation manage page and the charge fee page.

[Main function]

- Click <Manage reservation> btn -> go to reservation manage page
- Click <Charge fee> btn -> go to charge fee page

6. Reservation manage page

The image displays two screenshots of the 'Reservation Information' page. Both screenshots feature a green circular arrow icon in the top left corner and a 'reload page' button in the top right corner. The current fee is displayed as '1000 won'.

Top Screenshot (User has reservation):

- Seat:** A table with columns: Seat Number, Date, Start time, End time. The row shows: 22, 11/12, 12:20, 14:20. To the right of the table are buttons: 'Return Seat' and 'Extend Seat'.
- Locker:** A form with 'Locker Number' and the value '7'. To the right is a button: 'Return Locker'.

Bottom Screenshot (User has no reservation):

- Seat:** The text 'You don't reserve seat.' is displayed.
- Locker:** The text 'You don't reserve locker.' is displayed.

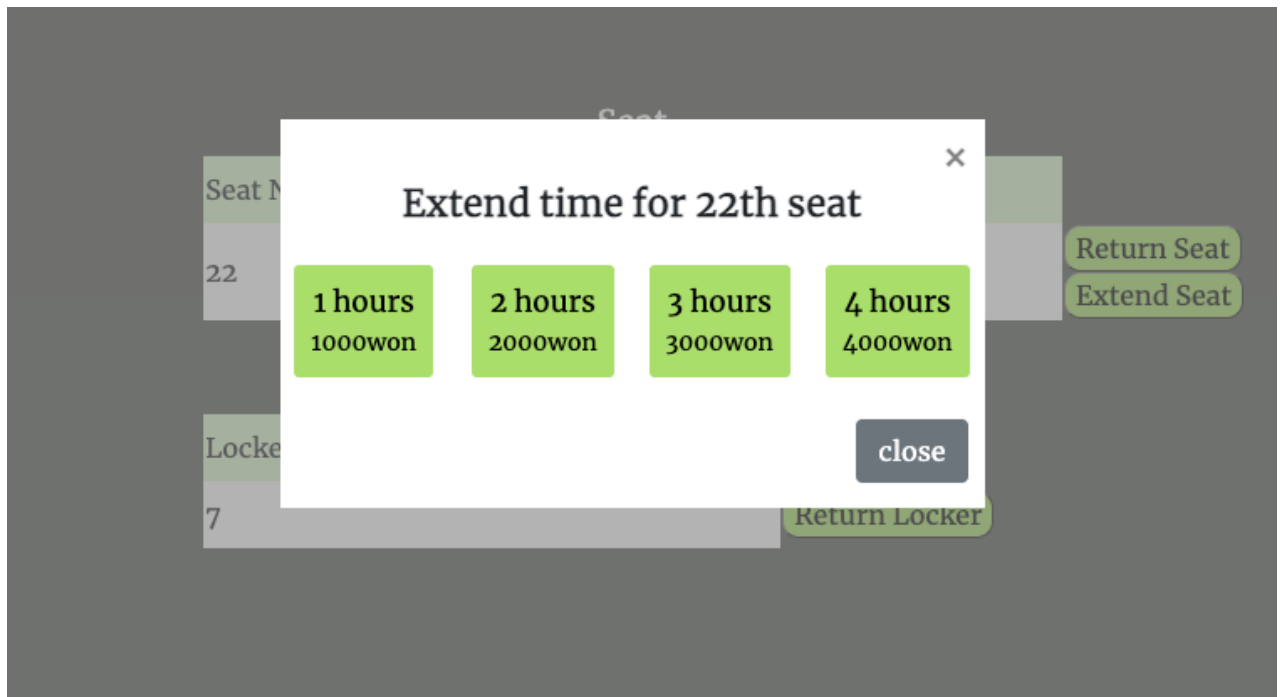
In this page, user can check his/her reservation of both seat and locker. If user has seat, can return or extend seat. Also if user has locker, can return locker.

But user doesn't have seat/locker, it shows "You don't reserve" message.

[Main function]

- User can check reservation information(seat, locker)

- User can check his/her current fee
- Click <reload page> btn -> reload page
- Click <return seat> btn -> return seat
- Click <extend seat> btn -> show popup for extending seat
- Click <return locker> btn -> return locker

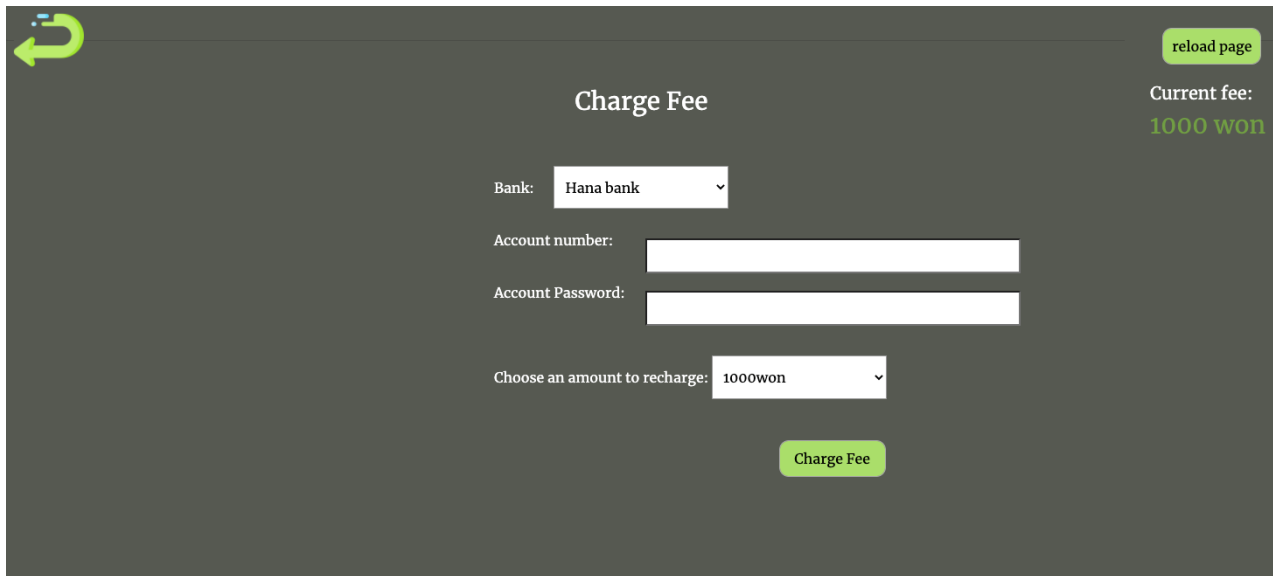


This screen is a popup to extend the seat. User can extend specific hours for currently used seat. In the case of extend, it is cheaper than new reservation.

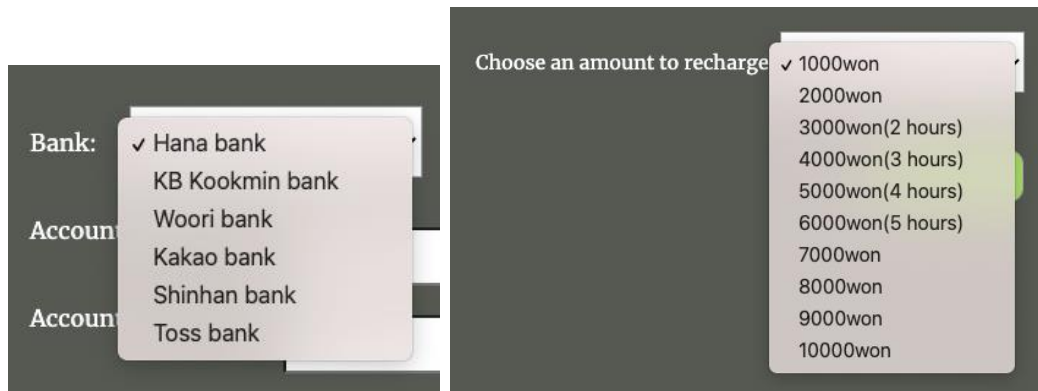
[Main function]

- Click <hours> btn -> choose hours to extend
(if user has insufficient fee, it shows error message)
- Click <close> btn -> close popup

7. Charge fee page



The screenshot shows a web form titled "Charge Fee" on a dark gray background. In the top left corner, there is a green circular arrow icon. In the top right corner, there is a green button labeled "reload page" and text indicating "Current fee: 1000 won". The form contains the following fields: "Bank:" with a dropdown menu showing "Hana bank"; "Account number:" with a text input field; "Account Password:" with a text input field; and "Choose an amount to recharge:" with a dropdown menu showing "1000won". A green button labeled "Charge Fee" is positioned below these fields.




The objective of this page is to charge fee. With this page, user can charge fee between 1,000 won and 10,000 won.

[Main function]

- User chooses the bank, enters account number, password and amount to recharge.
- User can check his/her current fee
- Click <reload page> btn -> reload page
- Click <Charge Fee> btn -> charge fee
- If user information is correct, fee will be charged.


● Database



















Name:

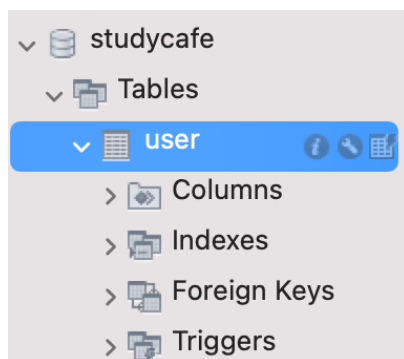
user

Schema: studycafe

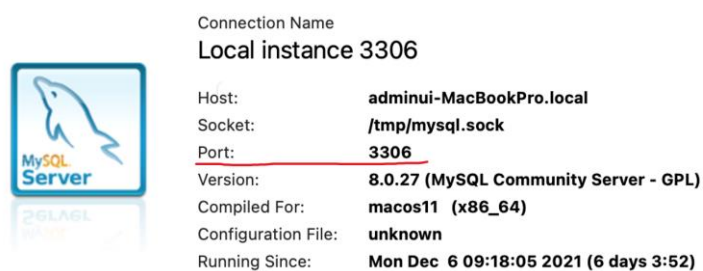


Column	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	G	Default / Expression
 userName	VARCHAR(60) 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 userPassword	VARCHAR(45) 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 phoneNumber	VARCHAR(45) 	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 chargedFee	INT 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	'0'
 seatId	INT 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 lockerId	INT 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 seatStartTime	DATETIME 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 seatEndTime	DATETIME 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

Our team uses MySQL.

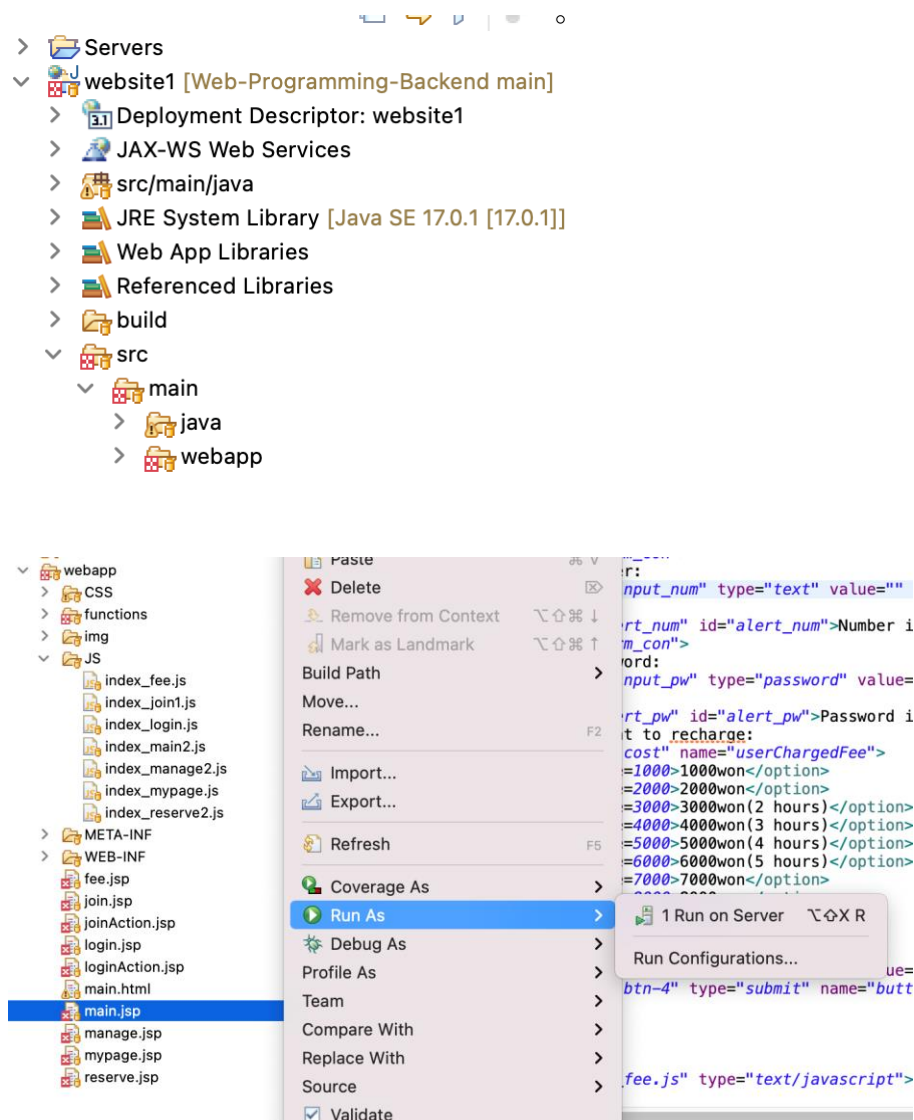


db scheme: studycafe, table name: user



The port number of DB should be 3306.

● How to run



Like this way, you can run the server in Eclipse.

Port Name	Port Number
Tomcat admin port	8005
HTTP/1.1	8080

The HTTP/1.1's port number is 8080. If you have another port number, please modify the link below.

You can start our website with "<http://localhost:8080/website1/main.jsp>"

● Code history

You can check the development history in our Github Link!

<https://github.com/jjeongah/Web-Final-Project>