Getting started

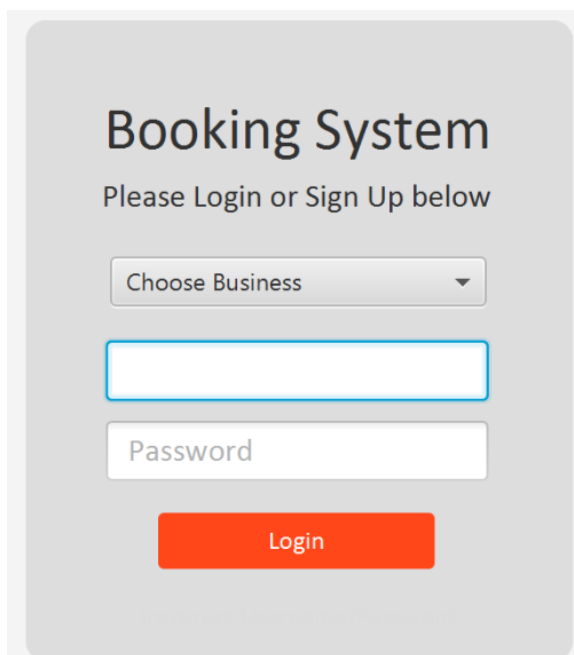**From source:**   Prerequisites: JDK, Maven
1. Navigate to the directory in which the project is located
2. Run the command `mvn package`
3. Navigate to the /target, there should be a jar which requires dependencies and another that doesn't

From jar: No installation, program is portable

Functionality:

1. **Initial screen**
   1.1 Login
   1.2 Register
   1.3 Exit

2. **Customer Screen**
   2.1 View Available Times

3. **Owner Screen**
   3.1 View Summary of Bookings
   3.2 Add working time/date
   3.3 View working time/date
   3.4 Show all worker availability
   3.5 Add an employee
   3.6 Add Service
   3.7 Add Booking
   3.8 Edit Opening Hours
   3.9 Preferences

4. **Admin Screen**
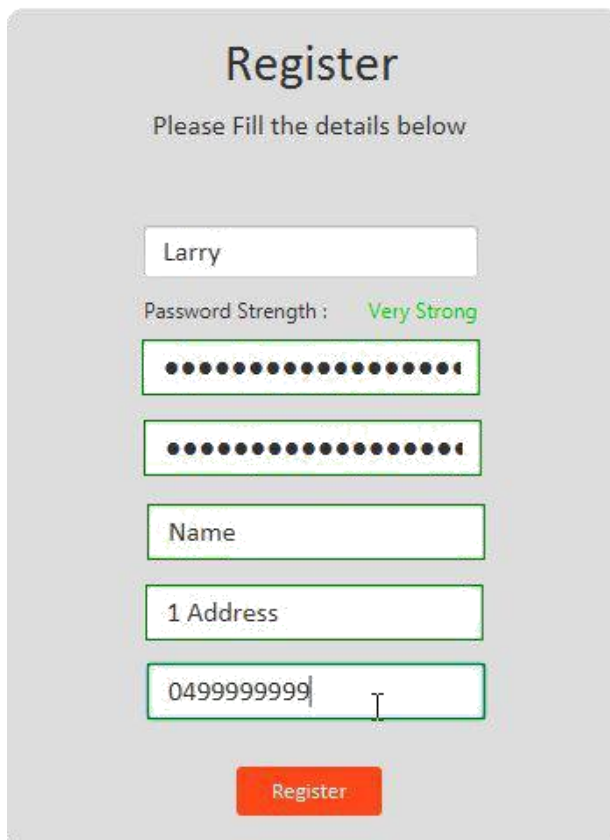
1.0 **Initial login screen**

1.1 **Login**

If the user you desire to log in with exists, enter the username and password to log in.
SUCCESS: Go to a menu dependant on your user type
FAILURE: Go back to initial menu

If the user is a admin or a owner they do not need to select a business where as customers will need to select the business they are logging in to.

1.2 **Register**

Register a customer into the system, customer contains default user parameters such as username and password as well as personal details such as name (a-z), address (0-9 + a-z) and phone number (0-9). The password must be at least 8 characters including a non alpha-numeric character, and must have have an upper case character.

1.3 **Exit**
Closes the program

2.0 **Customer menu**

2.1 **View Available Times**
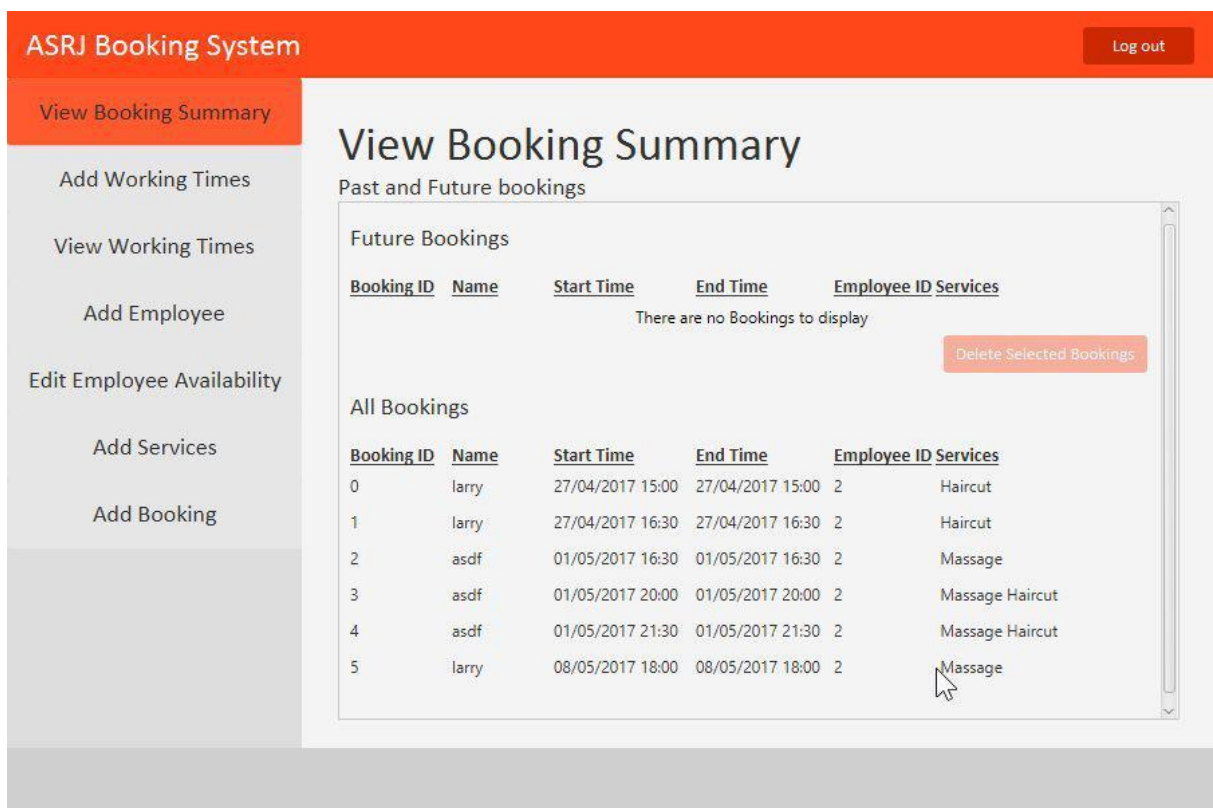

Allows the customer to view available booking slots to make decisions on when they want to book their sessions. Available spots will be coloured white, and when you select a period for the employee to work it will light up blue.

3.0 **Owner Menu**
Note: to log into the owner menu use the username Ownertest and the password 1234.
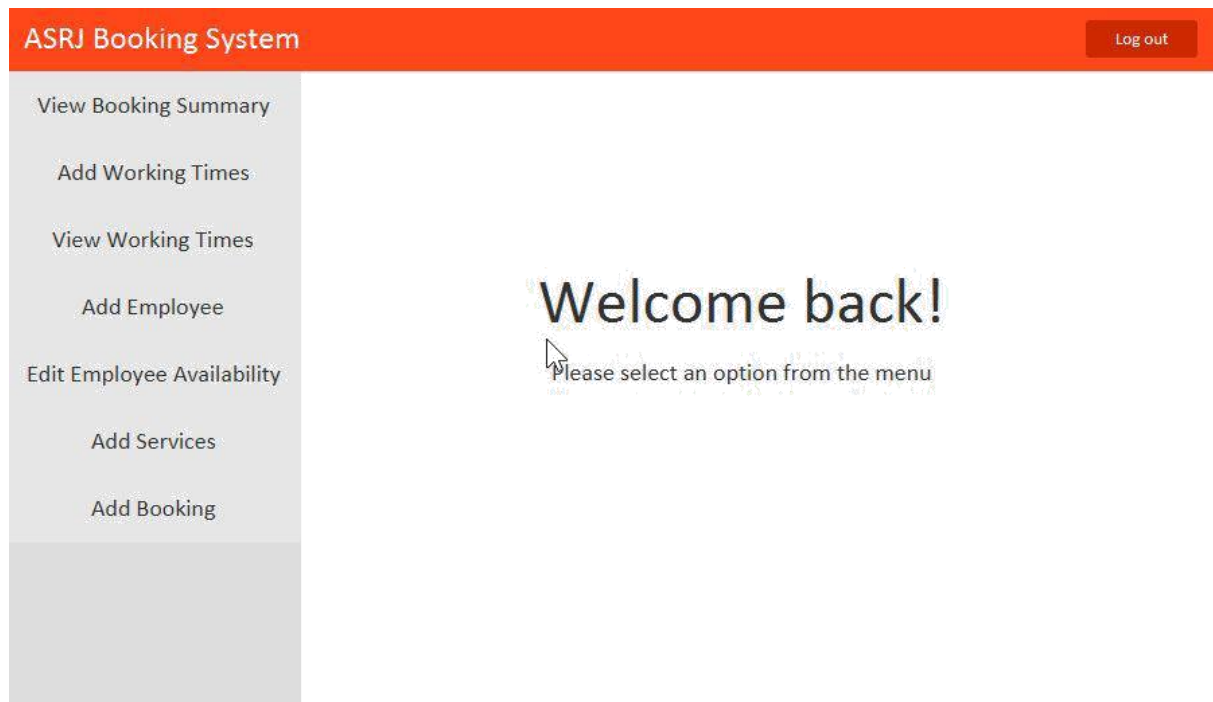
3.1 **View Summary of Bookings**

View Summary of Bookings allows the Owner to view a summary of all bookings in the system.

3.2 **Add working time/date**

Select the employee you want to add working times for, then use the date selector to pick a date. Clicking times will add them to the set of working times.

Weekly availability will display to suggest when working times should be allocated in yellow.

3.3 **View working time/date**

Select the employee that you wish to view the working times of, then you will be given the options of this week, next week, and the week after. Picking one of each will give you a table of working times for that employee for the next week.

3.4 **Show worker availability**
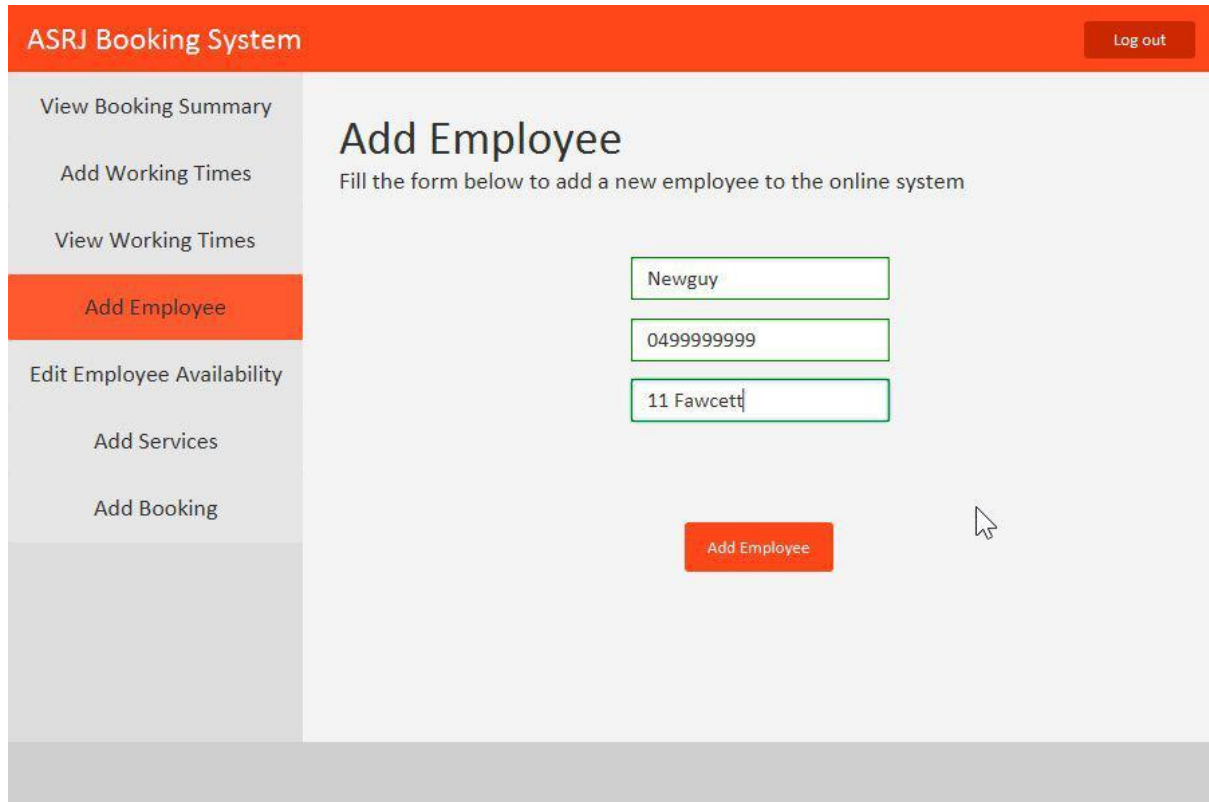
Select the employee you wish to view the availability of, then select the day of the week you would like them to be available for. Then, clicking on the times in the time picker will turn them green. This means they are available.

3.5 **Add Employee**

If the owner wants to add an employee, they require a name, a phone number and an address. They are automatically assigned an employee ID.

3.6 **Add Service**

For an owner to add a new service, they must input a name for that service, a price in dollars, and the time in minutes. In our program, we only accept services in blocks of 30 minutes, so the minutes must be a multiple of 30.

3.7 **Add Booking (from Owner's menu)**

To add a new booking from the owner menu, you must select the services you would like to book, the user to be booked into the slot, and an employee to attend the booking. Then you choose a date and the time picker will show white slots for when the employee is available to attend the customer. Clicking on an open spot will select it, then Add Booking can be clicked to submit this booking to be saved to the server.

3.8 **Edit Opening Hours**

To edit opening hours simply select the day from the dropdown box and using the time picker select the appropriate times in 30 minute blocks and click the save opening hours. The time picker will show green for selected opening times and red for other times that the business is not selected. Once the save opening hours' button is clicked you will be alerted for the change in opening hours.

3.9 Preferences

There are 2 different preferences that the business owner can change. The first one is the accent colour which will change the orange part to the desired colour, this is done through the colour picker. The second preference is the header message by changing the text box on the screen. The preferences will update upon the owner logging out and logging back into their account.

4.0 Admin Screen

The admin menu can be accessed by using the username: admin and password: 1234

Create Business

Owner Account Details
Please fill in the details below for the business owners account details

| John |
| John |
| 15 Address Road |
| 0412345678 |

Password Strength :   Strong

| •••••••••• |
| •••••••••• |

Business Details
Please fill in the details below for the business

| Parlor |
| 200 Main Road |
| 0412345678 |

Register New Business

The admin menu is used to create new business and their respective business owner. An owner must enter a username and password as well as personal details such as name (a-z), address (0-9 + a-z) and phone number (0-9). The password must be at least 8 characters including a non-alpha-numeric character, and must have an upper-case character. The business must have a unique name, a business address and a business phone number.