

## Getting started

Run the .jar file from the command line by navigating to the directory containing the .jar file and executing it with the following command "java -jar <filename>.jar".

## 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

### 1.0 Initial login screen

```
-----  
Appointment Booking System  
-----  
Please enter the identification number of your choice from the options below:  
1.      Log In  
2.      Register  
13.     Exit  
Enter your option:
```

### 1.1 Login

```
-----  
Login  
-----  
Enter your username: Ownertest  
Enter your password: 1234  
Success: Login: Welcome back, Ownertest
```

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

### 1.2 Register

```

-----
Register
-----
Enter your Username: Larry
Enter your Password: 99
Enter your Name: Haha
Enter your Address: 90 larry st
Enter your Moblie Phone Number: 0404040404

-----
Register
-----
Enter your Username: JarodWr
Enter your Password: p
Enter your Name: jarod
Enter your Address: 12 asdasd
Enter your Moblie Phone Number: 0412345678
Failure: Register: The entered username is already in the database

```

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).

### 1.3 Exit

Closes the program

## 2.0 Customer menu

```

-----
Appointment Booking System
-----
Please enter the identification number of your choice from the options below:
1.      View Available Times
2.      Log out
13.     Exit
Enter your option:

```

### 2.1 View Available Times

```

-----
Available Booking Times
-----

```

Start Period	End Period
8:09 AM 12:9:17	6:17 PM 12:9:17
12:00 AM 11:4:17	12:00 AM 11:4:17

Allows the customer to view available booking slots to make decisions on when they want to book their sessions.

### 3.0 Owner Menu

```
-----
Appointment Booking System
-----
Please enter the identification number of your choice from the options below:
1.      View Summary of Bookings
2.      Add working time/date
3.      View working time/dates
4.      Show all worker availability
5.      Add an Employee
6.      Add Booking
8.      Log out
Enter your option:
```

#### 3.1 View Summary of Bookings

```
-----
Bookings
-----
```

Start Period	End Period	Customer Name	Services
2:00 AM 8:4:17	3:00 AM 8:4:17	Gary	test
3:00 AM 9:4:17	4:00 AM 9:4:17	Joe	test
3:00 AM 10:4:17	4:00 AM 10:4:17	Bob	test
5:00 AM 10:4:17	6:00 AM 10:4:17	Bill	test

```
-----

Press any key to go back to Menu...
```

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

#### 3.2 Add working time/date

```
Employees:
0 Bob
1 John
2 Alex
3 Jack
5 Greg
Select an employee of interest as identified above (Employee's ID):
```

Select the employee you want to add working times for

```
-----
Employee Availability
-----
```

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1:00 - 2:00					
	3:00 - 3:56					

```
-----

Press any key to go back to Menu...
```

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

Please enter The period of the employee's working times

Date of the working period in the form <dd/mm/yyyy>:

12/09/2017

Start time for the working period in the form <HH:MM>:

08:09

End time for the working period in the form <HH:MM>:

18:17

Success: Add Working Times: Shift successfully added

Add the working time with the specified formats.

### 3.3 View working time/date

Employees:

0 Bob

1 John

2 Alex

3 Jack

5 Greg

Select an employee of interest as identified above (Employee's ID): 0

-----  
Working Times  
-----

Start Period	End Period
8:09 AM 12:9:17	6:17 PM 12:9:17

Select the employee that you wish to view the working times of.

### 3.4 Show worker availability

Employees:

0 Bob

1 John

2 Alex

3 Jack

5 Greg

Select an employee of interest as identified above (Employee's ID): 0

-----  
Employee Availability  
-----

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1:00 - 2:00					
	3:00 - 3:56					

-----  
Press any key to go back to Menu...

Select the employee you wish to view the availability of.

### 3.5 Add Employee

-----  
Add Employee  
-----

Name: Bruce

Phone number: 0909090909

Address: 45 niner niner

Success: Add Employee: Bruce was successfully added to the database  
-----

If the owner wants to add an employee, the same personal details as creating a new customer are required.