

Compilation, installation and running the program:

1. Download the zip file "s3583185_A1.zip" and unzip it.
2. Copy all files inside to Eclipse.
3. Unzip sqlite3.zip, double-click sqlite3 for installation, then you can quit the command line.

```
192-168-1-5:~ ranlu$ sqlite3
SQLite version 3.14.0 2016-07-26 15:17:14
Enter ".help" for usage hints.
Connected to a transient in-memory database.
Use ".open FILENAME" to reopen on a persistent database.
sqlite> 
```

4. You can run the program in Eclipse by clicking the run button.
5. You can also run it in command line or prompt, change directory to the location where you downloaded the zip file, and using this command:

```
java -jar ABS.jar (mac)
```

```
java.exe -jar ABS.jar (windows)
```

6. All data are embedded in the source code, including creating database, tables, inserting entities.

7. All functions have been completed and runnable.

8. Business owner accounts username and password:

```
daguido|daguido
```

```
toniguy|toniguy
```

```
owner|owner
```

9. Customer accounts username and password:

```
david|david
```

```
bruce|bruce
```

```
customer|customer
```

9. Register

This function is only for customer, you can add username, password, first name, last name, contact number and email into the database and login with your username and password.

10. Add new employee:

You can add employee's first name, last name, email, contact number, working days and working time. Multiple work days and time can be added for one employee. e.g.

David Short

123@hotmail.com

0123 456

Monday 9:00–13:00

Tuesday 9:00–13:00 and 13:00-17:00

Friday null

11. Add business days/time

A business owner can add business hours in a week. The owner can select which day in a week, and enter open time and closing time manually. e.g.

Monday 12:33-15:33

Tuesday 11:00-15:00

12. View the summary of bookings

All bookings for the same business owner will be printed.

13. View new bookings

All bookings after current date will be printed, e.g. If today's date is 04/08/2017 12:00, bookings after this time will be showed.

14. View workers' availability

The information will only be printed if an owner already added employees' details.

15. Customer: View available days/time

The customer can view business time for each business owner, currently all business day/time information are for "owner". If no business time are added by owner before, this function will print empty values.