

The test cases include tests for all functions, each test component are followed by the screenshots of program test results.


"SEPT-Project1-Testing" test suite

8 components · 26 test cases

Created: 1 hour ago by [rmit-s3583185-r](#)
Last updated: 7 minutes ago by [rmit-s3583185-r](#)

[▶ Start a new test run](#) [✎ Edit test suite](#)

Last 3 test runs



Test Result	Count
Passed	2
Failed	0
Skipped	0
Pending	0

availableDay/TimeTest
Ver. #Assignment Part 1 · today

Latest test runs:

V	Test run name	New bugs found:			
		Critical	Major	Minor	Trivial
Assignment Part 1	<u>availableDay/TimeTest</u>	0	0	0	0
Assignment Part 1	<u>workersAvailabilityTest</u>	0	0	0	0
Assignment Part 1	<u>newBookingTest</u>	0	0	0	0
Assignment Part 1	<u>allBookingsTest</u>	0	0	0	0
Assignment Part 1	<u>addBusinessTimeTest</u>	0	0	0	0
Assignment Part 1	<u>newEmployeeTest</u>	0	0	0	0
-	<u>registerTest</u>	0	0	0	0
Assignment Part 1	<u>loginTest</u>	0	0	0	0

Test Cases for login

"SEPT-Project1-Testing" test suite

Deta


loginTest

Version number: Assignment Part 1

Started by: [rmit-s3583185-r](#)

Start date/time: 1 hour ago

End date/time: 1 hour ago

 Export Test run

Test run results:

> login

- > **Case #1:** *false username/password*
- > **Case #2:** *correct username/password in Business table*
- > **Case #3:** *correct username/password in Customerinfo table*
- > **Case #4:** *username "owner" password "customer"*

```
=====
Welcome to Appointment Booking System!
Please select one of the following options:
A - Login
B - Register
X - Exit Program
Enter your selection: a
```

```
Username: owner
Password: owner
```

```
=====
Welcome! 'System Testing Account'.
```

```
Please select one of the following options:
A - Add a new employee
B - Add business day/time for the next month
C - View the summaries of bookings
D - View new bookings
E - Show all workers' availability for the next 7 days
X - Logout
```

```
Enter your selection:
```

```
=====
Welcome to Appointment Booking System!
Please select one of the following options:
A - Login
B - Register
X - Exit Program
Enter your selection: a
```

```
Username: abc
Password: abc
Incorrect credentials!
```

```
=====
Welcome to Appointment Booking System!
Please select one of the following options:
A - Login
B - Register
X - Exit Program
Enter your selection: a
```

```
Username: customer
Password: customer
```

```
=====
Welcome! 'Tom Cruise'.
```

```
Please select one of the following options:
A - View available days/time
X - Logout
Enter your selection:
```

```
=====
Welcome to Appointment Booking System!
Please select one of the following options:
A - Login
B - Register
X - Exit Program
Enter your selection: a
```

```
Username: owner
Password: customer
Incorrect credentials!
```

Test cases for register

"SEPT-Project1-Testing" test suite


registerTest

Version number: Assignment Part 1

Started by: [rmit-s3583185-r](#)

Start date/time: 10 seconds ago

End date/time: 1 second ago

 Export Test run

Test run results:

> **register**

> **Case #1:** *username "owner" password "owner"*

> **Case #2:** *password less than 6*

> **Case #3:** *password doesn't follow the format*

> **Case #4:** *contact number doesn't follow the format*

Welcome to Appointment Booking System!
Please select one of the following options:

A - Login
B - Register
X - Exit Program

Enter your selection: **b**

Username: **owner**

Password must contain 1 uppercase, 1 lowercase, 1 digit, no space and minimum length of 6.

Password: **owner**

Confirm Password: **owner**

Please enter your first name: **1**

Please enter your last name: **2**

Please enter your address: **3**

Please enter your contact number: **2**

Password is too easy, return to the main menu.

Username: **ryan**

Password must contain 1 uppercase, 1

Password: **Rain0**

Confirm Password: **Rain0**

Please enter your first name: **a**

Please enter your last name: **b**

Please enter your address: **123**

Please enter your contact number: **12**

Password is too easy, return to the

Welcome to Appointment Booking System!
Please select one of the following options:

A - Login
B - Register
X - Exit Program

Enter your selection: **b**

Username: **rain**

Password must contain 1 uppercase, 1 lowercase, 1 digit, no space and minimum length of 6.

Password: **Rainbow123**

Confirm Password: **Rainbow123**

Please enter your first name: **a**

Please enter your last name: **b**

Please enter your address: **melbourne cbd**

Please enter your contact number: **abc**

Contact number format is invalid!

Welcome to Appointment Booking System!
Please select one of the following options:

A - Login
B - Register
X - Exit Program

Enter your selection: **b**

Username: **tom**

Password must contain 1 uppercase, 1 lowercase, 1 digit, no space and minimum length of 6.

Password: **1234567**

Confirm Password: **1234567**

Please enter your first name: **a**

Please enter your last name: **b**

Please enter your address: **1**

Please enter your contact number: **2**

Password is too easy, return to the main menu.

```
Welcome to Appointment Booking System!
Please select one of the following options:
A - Login
B - Register
X - Exit Program
Enter your selection: b

Username: ryan
Password must contain 1 uppercase, 1 lowercase, 1 digit, no space and minimum length of 6.
Password: Rainbow123
Confirm Password: Rainbow123456
Please enter your first name: ran
Please enter your last name: lu
Please enter your address: cbd
Please enter your contact number: 123
Passwords don't match!
```

```
Welcome to Appointment Booking System!
Please select one of the following options:
A - Login
B - Register
X - Exit Program
Enter your selection: b

Username: ryan
Password must contain 1 uppercase, 1 lowercase, 1 digit, no space and minimum length of 6.
Password: Rainbow123
Confirm Password: Rainbow123
Please enter your first name: RAN
Please enter your last name: LU
Please enter your address: 22 lonsdale
Please enter your contact number: +61 0 123 456
Your customer account has been successfully created!
```

Test cases for add new employee

"SEPT-Project1-Testing" test suite

Deta

newEmployeeTest

Version number: Assignment Part 1

Started by: [rmit-s3583185-r](#)

Start date/time: 10 minutes ago

End date/time: 10 minutes ago

 Export Test run

Test run results:

> Add a new employee

- > **Case #1:** *invalid email*
- > **Case #2:** *invalid contact number*
- > **Case #3:** *working day out of bound*
- > **Case #4:** *working time out of bound*
- > **Case #5:** *add multiple working day/time sets*
- > **Case #6:** *quit without saving employee's details*

You have chosen option A: Add a new employee.

Please enter the employee's first name:

ran

Please enter the employee's last name:

lu

Please enter the employee's e-mail address:

123

Please enter the employee's contact number:

123 456

Please select the employee's working day in a week:

1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday

1

Please select the employee's working time in a day:

1. 9:00-13:00 2. 13:00-17:00 3. 9:00-13:00 and 13:00-17:00 4. null

2

Please select one of the following options:

1 - Store the employee information

2 - Add more working time

3 - Quit without saving any information

1

Email address format is invalid!

Please select one of the following options:

A - Add a new employee

B - Add business day/time for the next month

C - View the summaries of bookings

D - View new bookings

E - Show all workers' availability for the next 7 days

X - Logout

Enter your selection:

You have chosen option A: Add a new employee.

Please enter the employee's first name:

ran

Please enter the employee's last name:

lu

Please enter the employee's e-mail address:

123@qq.com

Please enter the employee's contact number:

abc

Please select the employee's working day in a week:

1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday

1

Please select the employee's working time in a day:

1. 9:00-13:00 2. 13:00-17:00 3. 9:00-13:00 and 13:00-17:00 4. null

2

Please select one of the following options:

1 - Store the employee information

2 - Add more working time

3 - Quit without saving any information

1

contact number is invalid!

You have chosen option A: Add a new employee.

Please enter the employee's first name:

ran

Please enter the employee's last name:

lu

Please enter the employee's e-mail address:

123@qq.com

Please enter the employee's contact number:

123

Please select the employee's working day in a week:

1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday

1

Please select the employee's working time in a day:

1. 9:00-13:00 2. 13:00-17:00 3. 9:00-13:00 and 13:00-17:00 4. null

5

Invalid input!

You have chosen option A: Add a new employee.

Please enter the employee's first name:

ran

Please enter the employee's last name:

lu

Please enter the employee's e-mail address:

123@qq.com

Please enter the employee's contact number:

123

Please select the employee's working day in a week:

1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday

8

Invalid input!

You have chosen option A: Add a new employee.

Please enter the employee's first name:

ran

Please enter the employee's last name:

lu

Please enter the employee's e-mail address:

123@qq.com

Please enter the employee's contact number:

123 456

Please select the employee's working day in a week:

1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday

1

Please select the employee's working time in a day:

1. 9:00-13:00 2. 13:00-17:00 3. 9:00-13:00 and 13:00-17:00 4. null

1

Please select one of the following options:

1 - Store the employee information

2 - Add more working time

3 - Quit without saving any information

2

Please select the employee's working day in a week:

1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday

2

Please select the employee's working time in a day:

1. 9:00-13:00 2. 13:00-17:00 3. 9:00-13:00 and 13:00-17:00 4. null

3

Please select one of the following options:

1 - Store the employee information

2 - Add more working time

3 - Quit without saving any information

1

[08.04.2017 05:48:37] DatabaseManager: A new employee has been inserted into Employee.

The employee's information have been added to your account.


```
You have chosen option A: Add a new employee.
Please enter the employee's first name:
tom
Please enter the employee's last name:
abc
Please enter the employee's e-mail address:
123@cc.com
Please enter the employee's contact number:
123
Please select the employee's working day in a week:
1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday
2
Please select the employee's working time in a day:
1. 9:00-13:00 2. 13:00-17:00 3. 9:00-13:00 and 13:00-17:00 4. null
1
Please select one of the following options:
1 - Store the employee information
2 - Add more working time
3 - Quit without saving any information
3
Employee information wasn't saved!
```

Test cases for add business days/time

"SEPT-Project1-Testing" test suite

Deta


addBusinessTimeTest

Version number: Assignment Part 1

Started by: [rmit-s3583185-r](#)

Start date/time: 10 minutes ago

End date/time: 9 minutes ago

 Export Test run

Test run results:

> Add business day/time

> **Case #1:** *add new business time*

> **Case #2:** *business day out of bound*

> **Case #3:** *invalid format for time*

> **Case #4:** *quit without saving business time*

Welcome! 'System Testing Account'.

Please select one of the following options:

- A - Add a new employee
- B - Add business day/time for the next month
- C - View the summaries of bookings
- D - View new bookings
- E - Show all workers' availability for the next 7 days
- X - Logout

Enter your selection: b

You have chosen option B: Add business time for the next month.

Please select business days in a week:

1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday

8

Invalid input!

You have chosen option B: Add business time for the next month.

Please select business days in a week:

1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday

1

Please enter business open time with 24-hour format (HH:mm):

12:33

Please enter business closing time with 24-hour format (HH:mm):

15:44

Please select one of the following options:

- 1 - Store the business time
- 2 - Quit without saving any information

1

[08.04.2017 05:59:51] DatabaseManager: New business time has been inserted into BusinessTime.

The information have been added to your actual business time.

You have chosen option B: Add business time for the next month.

Please select business days in a week:

1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday

2

Please enter business open time with 24-hour format (HH:mm):

12

Please enter business closing time with 24-hour format (HH:mm):

15

Please select one of the following options:

- 1 - Store the business time
- 2 - Quit without saving any information

1

Invalid data/time format.

You have chosen option B: Add business time for the next month.
Please select business days in a week:
1.Monday 2.Tuesday 3.Wednesday 4.Thursday 5.Friday 6.Saturday 7.Sunday
4
Please enter business open time with 24-hour format (HH:mm):
12:2
Please enter business closing time with 24-hour format (HH:mm):
15:3
Please select one of the following options:
1 - Store the business time
2 - Quit without saving any information
2
Information wasn't stored, return to the business menu.

Test cases for view all bookings

"SEPT-Project1-Testing" test suite

Detail


allBookingsTest

Version number: Assignment Part 1

Started by: rmit-s3583185-r

Start date/time: 9 minutes ago

End date/time: 9 minutes ago

 Export Test run

Test run results:

> View the summaries of bookings

> Case #1: *all bookings printed to console*

You have chosen option C - View the summaries of bookings

Summary of Booking information are shown as following:

=====

07.03.2017 11:00

[Bruce, Wayne, New York City, 0345 689 910]

=====

09.03.2017 15:00

[David, Beckham, London, 0123 456 789]

=====

08.04.2017 12:00

[Tom, Cruise, Melbourne, 0123 456 789]

=====

02.05.2017 15:00

[David, Beckham, London, 0123 456 789]

=====

03.05.2017 17:00

[Tom, Cruise, Melbourne, 0123 456 789]

=====

Test cases for view new bookings

"SEPT-Project1-Testing" test suite

Det


newBookingTest

Version number: Assignment Part 1

Started by: [rmit-s3583185-r](#)

Start date/time: 8 minutes ago

End date/time: 8 minutes ago

 Export Test run

Test run results:

> View new bookings

> **Case #1:** *only bookings after current date is printed*

Please select one of the following options:

A - Add a new employee

B - Add business day/time for the next month

C - View the summaries of bookings

D - View new bookings

E - Show all workers' availability for the next 7 days

X - Logout

Enter your selection: d

The New Booking information as following:

=====

02.05.2017 15:00

[David, Beckham, London, 0123 456 789]

=====

03.05.2017 17:00

[Tom, Cruise, Melbourne, 0123 456 789]

=====

Test cases for view all workers' availability

"SEPT-Project1-Testing" test suite

Deta


workersAvailabilityTest

Version number: Assignment Part 1

Started by: [rmit-s3583185-r](#)

Start date/time: 7 minutes ago

End date/time: 7 minutes ago

 Export Test run

Test run results:

> Show all workers' availability

> **Case #1:** *there exists employee's details*

> **Case #2:** *no workers' availability information*

=====

Welcome! 'System Testing Account'.

Please select one of the following options:

- A - Add a new employee
- B - Add business day/time for the next month
- C - View the summaries of bookings
- D - View new bookings
- E - Show all workers' availability for the next 7 days
- X - Logout

Enter your selection: e

Your employees' working days and time are as following:

=====

Please select one of the following options:

- A - Add a new employee
- B - Add business day/time for the next month
- C - View the summaries of bookings
- D - View new bookings
- E - Show all workers' availability for the next 7 days
- X - Logout

Enter your selection:

Please select one of the following options:
A - Add a new employee
B - Add business day/time for the next month
C - View the summaries of bookings
D - View new bookings
E - Show all workers' availability for the next 7 days
X - Logout
Enter your selection: e

Your employees' working days and time are as following:

Ran Lu
123@qq.com
123 456
Working Days/Time:
Monday 9:00-13:00
Tuesday 9:00-13:00 and 13:00-17:00

Test cases for customers view available day/time

"SEPT-Project1-Testing" test suite

Details


availableDay/TimeTest

Version number: Assignment Part 1

Started by: [rmit-s3583185-r](#)

Start date/time: 6 minutes ago

End date/time: 6 minutes ago

 Export Test run

Test run results:

> View available days/time

> **Case #1:** *there exists available days/time for "owner"*

> **Case #2:** *no information about availability*

=====

Welcome! 'Tom Cruise'.

Please select one of the following options:

A - View available days/time

X - Logout

Enter your selection: a

Available booking dates and time for 'owner' are:

business_date	open_time	closing_time
---------------	-----------	--------------

-----	-----	-----
-------	-------	-------

Please select one of the following options:

A - View available days/time

X - Logout

Enter your selection:

=====

Welcome! 'Tom Cruise'.

Please select one of the following options:

A - View available days/time

X - Logout

Enter your selection: a

Available booking dates and time for 'owner' are:

business_date	open_time	closing_time
---------------	-----------	--------------

-----	-----	-----
-------	-------	-------

Monday	12:00	15:00
--------	-------	-------

Wednesday	15:00	18:00
-----------	-------	-------

Please select one of the following options:

A - View available days/time

X - Logout

Enter your selection:

"SEPT-Project1-Testing" test suite

12 components · 43 test cases

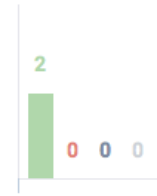
Created: 08/04/2017 06:33:07 by rmit-s3583185-r

Last updated: 20 minutes ago by rmit-s3558075-Y

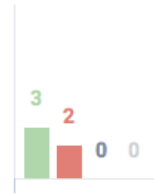
▶ Start a new test run

✎ Edit test suite

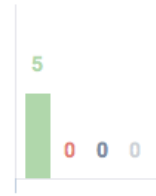
Last 3 test runs:



add new service test
Ver. #Assignment Part 1 · today



update employee test
Ver. #Assignment Part 1 · today



owner create booking test
Ver. #Assignment Part 1 · today

PASS
FAIL
CNT
N/A

Latest test runs:

Show your test runs

		New bugs found:									
V	Test run name	Critical	Major	Minor	Trivial	Date	Passed	Failed	CNT	N/A	Remaining
Assignment Part 1	add new service test	0	0	0	0	today	100%	0%	0%	0%	0%
Assignment Part 1	update employee test	0	0	0	0	today	60%	40%	0%	0%	0%
Assignment Part 1	owner create booking test	0	0	0	0	today	100%	0%	0%	0%	0%
Assignment Part 1	customer booking	0	0	0	0	today	100%	0%	0%	0%	0%

Test case for add new service:

“SEPT-Project1-Testing” test suite

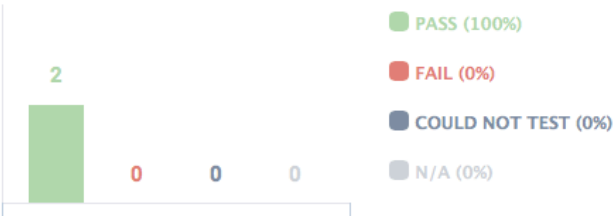
add new service test

Version number: Assignment Part 1
Started by: rmit-s3558075-Y

Start date/time: 4 minutes ago
End date/time: 4 minutes ago

 Export Test run

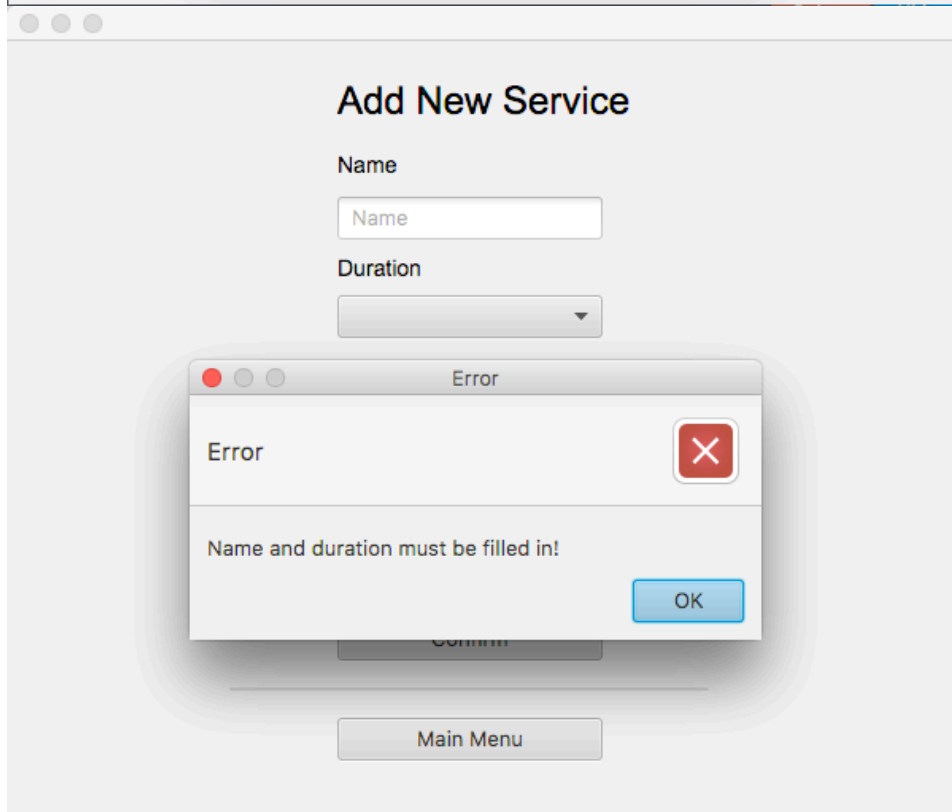
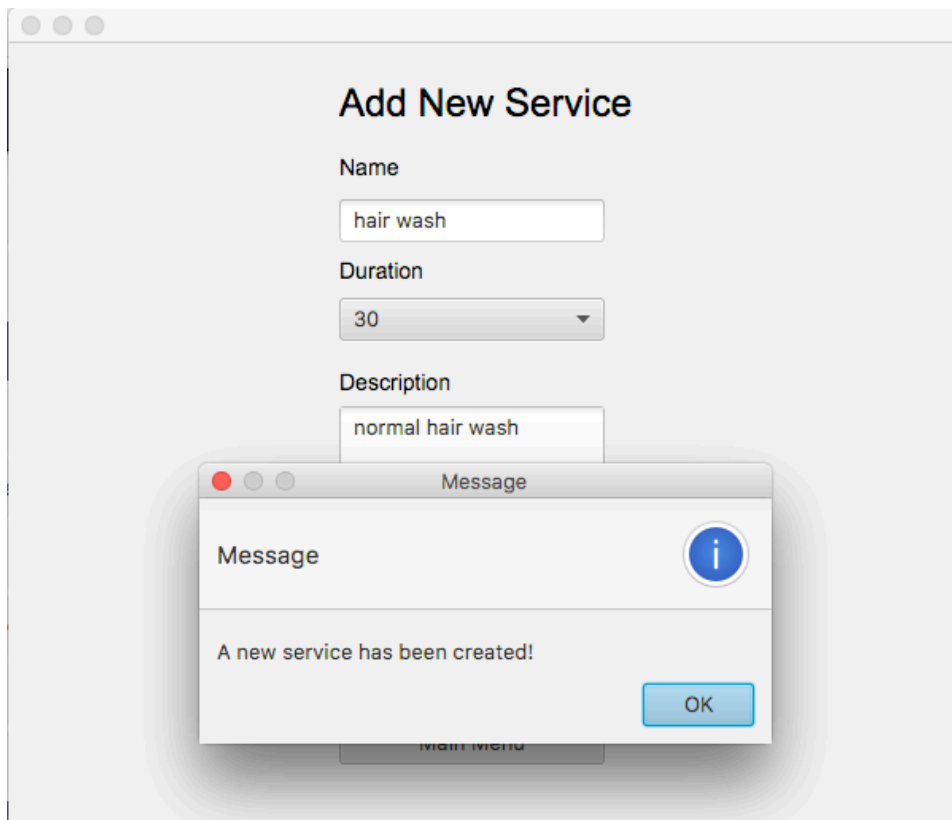
Detailed test run results:



Test run results:

[Expand all](#) Show: [All](#) | [Pass](#) | [Fail](#) | [CNT](#) | [N/A](#)

> add new service	
> Case #1: add new service	Pass
> Case #2: missing input element	Pass



Test case for update employee:

“SEPT-Project1-Testing” test suite

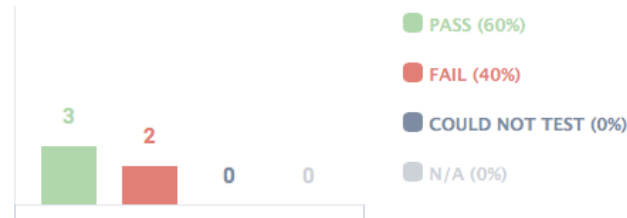
update employee test

Version number: Assignment Part 1
Started by: rmit-s3558075-Y

Start date/time: 6 minutes ago
End date/time: 6 minutes ago

Export Test run

Detailed test run results:



Test run results:

Expand all Show: All | Pass | Fail | CNT | N/A

> update employee	
> Case #1: owner update employee	Pass
> Case #2: employee working date already exist	Fail
> Case #3: working time out of bound	Pass
> Case #4: update a employee that does not exist	Fail
> Case #5: enter invalid information	Pass

Update Emoloyee

First Name Last Name

Email Contact Number

Select An Existing Employee

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Message

New working time has been updated.

Update Emoloyee

First Name Last Name

Email Contact Number

Select An Existing Employee

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Message

New working time has been updated.

Update Emoloyee

First Name

Smith

Last Name

Jo

Email

Smith@gmail.c

Contact Number

03 9654 9444

Select An Existing Employee

Smith Jo

Monday

0:00

1:00

Tuesday

Start Time

End Time

Wednesday

Start Time

End Time

Thursdav

Start Time

End Time

Frid

Sat

Sun

Working time has to been within business hours!

OK

Main Menu

Update Emoloyee

First Name

a

Last Name

a

Email

a

Contact Number

a

Select An Existing Employee

Monday

12:30

13:00

Tuesday

Start Time

End Time

Wednesday

Thursday

Friday

Saturday

Sunday

Confirm

Main Menu

Message

i

Message

New working time has been updated.

OK

Update Emoloyee

First Name Last Name

Email Contact Number

Select An Existing Employee

Monday

Tue

We

Thu

Fri

Sat

Sun

Error

×

Error

First name can only contain letters and one space.
Last name can only contain letters and one space.
Email address format is invalid.
Contact number can only contain digits, space and + ()

OK

Test case for owner create booking:

“SEPT-Project1-Testing” test suite

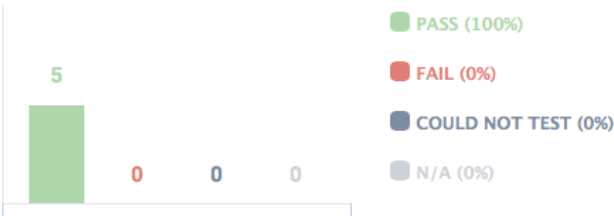
owner create booking test

Version number: Assignment Part 1
Started by: rmit-s3558075-Y

Start date/time: 8 minutes ago
End date/time: 8 minutes ago

Export Test run

Detailed test run results:



Test run results:

Expand all Show: All | Pass | Fail | CNT | N/A

> Owner create booking	
> Case #1: Owner create new booking	Pass
> Case #2: booking day out of bound	Pass
> Case #3: booking time out of bound	Pass
> Case #4: missing input elements	Pass
> Case #5: adding exist booking	Pass

Create A Booking

Employee

Smith Jo

Service

Women Haircut

Date

17/04/2017

Time

13

00

Customer Name

test

test

Contact Number

0438123123

Confirm

Main Menu

Message

Message

A new booking has been successfully created!

OK

Create A Booking

Employee

Smith Jo

Service

Women Haircut

Date

16/04/2017

Time

11

00

Customer Name

test

test

Contact Number

043848842

Confirm

Main Menu

Error

The employee only works on Monday Monday !

OK

Create A Booking

Employee

Smith Jo

Service

Women Haircut

Date

17/04/2017

Time

5

30

Customer Name

test

test

Contact Number

0438123123

Confirm

Main Menu

Error

The employee is not available at this time. His/Her working time is Monday 9:00-11:00 Monday 13:00-15:00 Please select a different time.

OK

Create A Booking

Employee

Andrew Dion

Service

Hair Colouring

Date

11/04/2017

Time

9

00

Customer Name

test

test

Contact Number

Confirm

Main Menu

Error

Error

All fields must be filled in!

OK

Create A Booking

Employee

Smith Jo

Service

Women Haircut

Date

5/06/2017

Error

Error

The same booking already exists!

OK

Confirm

Main Menu

Test case for customer create booking:

"SEPT-Project1-Testing" test suite

customer booking

Version number: Assignment Part 1

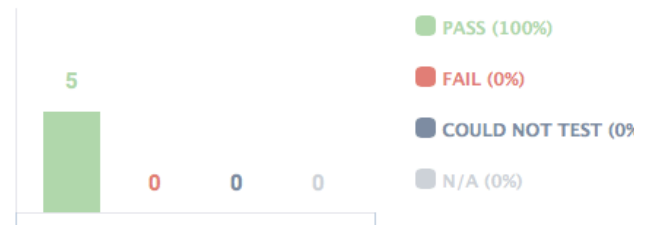
Started by: rmit-s3558075-Y

Start date/time: 26 minutes ago

End date/time: 26 minutes ago

[Export Test run](#)

Detailed test run results:

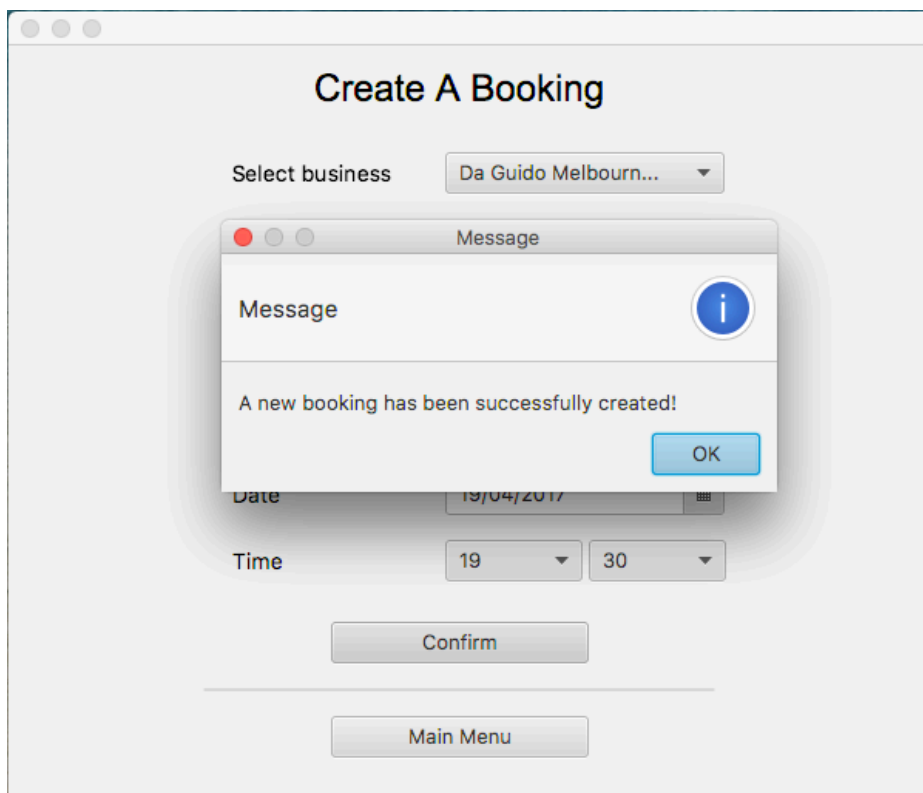


Test run results:

[Expand all](#) Show: [All](#) | [Pass](#) | [Fail](#) | [CNT](#) | [N/A](#)

> Customer create booking

> Case #1: customer create booking	Pass
> Case #2: booking working day out of bound	Pass
> Case #3: booking working time out of bound	Pass
> Case #4: missing input element	Pass
> Case #5: adding exist booking	Pass



Create A Booking

Select business

Da Guido Melbourn...

Business Name

Da Guido Melbourne la Pasta

Address

130 Lygon St, Carlton

Phone

+61 3 8528 4547

Employee

Giuseppe Verdi

Error

The employee only works on Wednesday !

OK

Main Menu

Create A Booking

Select business

Da Guido Melbourn...

Error

The employee is not available at this time. His/Her working time is Wednesday 19:00-22:00 Please select a different time.

OK

Time

11

30

Confirm

Main Menu

Create A Booking

Select business TONI&GUY Georges ▼

Error

Error

All fields must be filled in!

OK

Date

Time Hour ▼ Minute ▼

Confirm

Main Menu

Create A Booking

Select business Da Guido Melbourn... ▼

Error

Error

The same booking already exists!

OK

Date 19/04/2017

Time 19 ▼ 30 ▼

Confirm

Main Menu