

# FIT5136 – Software Engineering

## Assignment 5

### Group 06

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#### **Customer Needs:**

##### **1. Choosing to View Property Details (Requirement 1).**

- The option for choosing view property details cannot be empty and must be an int.

Table 1. Choosing to View Property Details Test Cases Table.

Test Number	Reason for Test / Purpose for Test	Input		Expected Output	Actual Output	Test Pass / Fail
		Option	Property Number			
001	Negative test, test if 0 is adjacent to option boundary value.	0		Invalid Option. Please enter between 1 and 2.	Refer to Figure 1.	Passed
002	Positive test, test option boundary value.	1		Please enter the property number to viewed:	Refer to Figure 2.	Passed
003	Positive test, test option boundary value.	2		Directed to Main Menu by the MRS system.	Refer to Figure 3.	Passed
004	Negative test, test if 3 is adjacent to option boundary value.	3		Invalid Option. Please enter between 1 and 2.	Refer to Figure 4.	Passed
005	Negative test, test if the input option can be a String.	a		Invalid Option. Please enter between 1 and 2.	Refer to Figure 5.	Passed
006	Negative test, test if the input option can be left empty / blank.			Invalid Option. Please enter between 1 and 2.	Refer to Figure 6.	Passed
007	Negative test, test if 0 is adjacent to the property number boundary value.	1	0	Invalid input. Property number is out of range.	Refer to Figure 7.	Failed

<b>008</b>	Positive test, test if 1 is the property number boundary value.	1	1	Directed to the detailed view of a selected property number (i.e., 1).	Refer to Figure 8.	Passed
<b>009</b>	Positive test, test if 5 is the property number boundary value.	1	5	Directed to the detailed view of a selected property number (i.e., 5).	Refer to Figure 9.	Passed
<b>010</b>	Negative test, test if 6 is adjacent to the property number boundary value.	1	6	Invalid input. Property number is out of range.	Refer to Figure 10.	Passed
<b>011</b>	Positive test, test if the input property number is accepted when it is an integer value.	1	1	Directed to the detailed view of a selected property number (i.e., 1).	Refer to Figure 11.	Passed
<b>012</b>	Negative test, test if the input property number can be left empty / blank.	1		Invalid input. Input should not contain any whitespaces or blank.	Refer to Figure 12.	Passed
<b>013</b>	Negative test, test if the input property number can be a String.	1	a	Invalid input. Input must be a number.	Refer to Figure 13.	Passed
<b>014</b>	Negative test, test if the input property number can be two words.	1	2 2	Invalid input. Input should not contain any whitespaces or blank.	Refer to Figure 14.	Passed

Figure 1. Test 001

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: 0

Invalid Option. Please enter between 1 and 2.

Enter your option:

Figure 2. Test 002

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: 1

Please enter the property number to view:

Figure 3. Test 003

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: 2

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Welcome to Monash Rental Space (MRS) System

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Please enter the option (1-5):

1. Search Property
2. View Wishlist
3. Calculate Optimal Rental Price
4. Logout
5. EXIT MRS

Enter your option:

Figure 4. Test 004

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: **J**

Invalid Option. Please enter between 1 and 2.

Enter your option:

Figure 5. Test 005

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: *a*

Invalid Option. Please enter between 1 and 2.

Enter your option:

Figure 6. Test 006

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option:

Invalid Option. Please enter between 1 and 2.

Enter your option:

Figure 7. Test 007

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):  
1. View a Property  
2. Go Back to Main Menu  
Enter your option: 1  
Please enter the property number to view: 0

---

Address: 55 Main Road  
Suburb: Clayton  
Price: 480 AUD per week  
Condition: Furnished  
Type: Townhouse  
State: Leasing  
Description: Neat and tidy townhouse with a private garden and close proximity to public transport.  
Agent: James Peter  
Management Contact Number: 888-222-3333  
Application URL: <https://www.real-estate-australia.com.au/342894/rent/application>  
Inspection Date and Time: May 28 2023, 10:00 AM

Please enter the option (1-3):  
1. Apply for the Property  
2. Add to Wishlist  
3. Go Back to Main Menu  
Enter your option:

Figure 8. Test 008

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: 1

Please enter the property number to view: 1

---

Address: 5 Elm Street  
Suburb: Oakleigh  
Price: 500 AUD per week  
Condition: Furnished  
Type: Townhouse  
State: Off Market  
Description: Modern townhouse with spacious living areas and a private courtyard  
Agent: Rebecca Jones  
Management Contact Number: 523-451-7190  
Application URL: <https://www.real-estate-australia.com/23638/rent/application>  
Inspection Date and Time: May 20 2023, 2:00 PM

Please enter the option (1-3):

1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu

Enter your option:

Figure 9. Test 009

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: 1

Please enter the property number to view: 5

---

Address: 55 Main Road  
Suburb: Clayton  
Price: 480 AUD per week  
Condition: Furnished  
Type: Townhouse  
State: Leasing  
Description: Neat and tidy townhouse with a private garden and close proximity to public transport.  
Agent: James Peter  
Management Contact Number: 888-222-3333  
Application URL: <https://www.real-estate-australia.com.au/342894/rent/application>  
Inspection Date and Time: May 28 2023, 10:00 AM

Please enter the option (1-3):

1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu

Enter your option:

Figure 10. Test 010

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):  
1. View a Property  
2. Go Back to Main Menu  
Enter your option: 1  
Please enter the property number to view: 6  
Invalid input. Property number is out of range.  
Please enter the property number to view:

Figure 11. Test 011

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: 1

Please enter the property number to view: 1

---

Address: 5 Elm Street  
Suburb: Oakleigh  
Price: 500 AUD per week  
Condition: Furnished  
Type: Townhouse  
State: Off Market  
Description: Modern townhouse with spacious living areas and a private courtyard  
Agent: Rebecca Jones  
Management Contact Number: 523-451-7190  
Application URL: <https://www.real-estate-australia.com/23638/rent/application>  
Inspection Date and Time: May 20 2023, 2:00 PM

Please enter the option (1-3):

1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu

Enter your option:

Figure 12. Test 012

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
☆	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: 1

Please enter the property number to view:

Invalid input. Input should not contain any whitespaces or blank.

Please enter the property number to view:

Figure 13. Test 013

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property
2. Go Back to Main Menu

Enter your option: 1

Please enter the property number to view: 0

Invalid input. Input must be a number.

Please enter the property number to view:

Figure 14. Test 014

Search Results:							
Wishlist Status	Property Number	Property Address	Property Suburb	Property Price	Property Condition	Property Type	Property State
*	1	5 Elm Street	Oakleigh	500 AUD per week	Furnished	Townhouse	Off Market
*	2	25 Maple Avenue	Notting Hill	450 AUD per week	Not Furnished	Unit	Leasing
*	3	35 Oakwood Drive	Clayton South	610 AUD per week	Not Furnished	House	Leasing
*	4	45 Springvale Road	Mulgrave	550 AUD per week	Furnished	Apartment	Leasing
*	5	55 Main Road	Clayton	480 AUD per week	Furnished	Townhouse	Leasing

Please enter the option (1-2):

1. View a Property  
2. Go Back to Main Menu

Enter your option: 1

Please enter the property number to view: 2 2

Invalid input. Input should not contain any whitespaces or blank.

Please enter the property number to view:

## 2. Tenant Submits Application, Tenant Enters the Contact Details During Application, and Tenant Submits Multiple Application (Requirement 2, 4, and 3 [in order]).

- When tenant submits application, they choose to select the details copied from the profile. And the tenant did not have the mobile phone detail entered when register (Since we do not have register functions, please create a tenant data that has no mobile phone instead).
- The application should allow the tenant to complete the missing phone number details.

- c. Customer enters mobile phone: 040810185096350847980. System will show error message and let customer enter the mobile phone number again.
- d. Tenant submits multiple application to the same house.
- e. The application should show “Sorry, only one application is allowed to be submitted to the same house.

Table 2. Tenant Submits Application.

Test Number	Reason for Test / Purpose for Test	Input						Expected Output	Actual Output	Test Pass / Fail
		Detailed Property Screen Option	Use Existing Information Option	Mobile phone	Mobile Phone's "Are you sure with the input?" Option	Saving	Saving's "Are you sure with the input?" Option			
015	Negative test, test if 0 is adjacent to detailed property screen option boundary value.	0						Invalid Option. Please enter between 1 and 3.	Refer to Figure 15.	Passed
016	Positive test, test detailed property screen option boundary value.	1						Directed to the use existing information option screen by the MRS system.	Refer to Figure 16.	Passed
017	Positive test, test detailed property screen option boundary value.	3						Directed to Main Menu by the MRS system.	Refer to Figure 17.	Passed
018	Negative test, test if 4 is adjacent to detailed property screen option boundary value.	4						Invalid Option. Please enter between 1 and 3.	Refer to Figure 18.	Passed
019	Negative test, test if the input detailed property screen option can be a String.	a						Invalid Option. Please enter between 1 and 3.	Refer to Figure 19.	Passed
020	Negative test, test if the input detailed property screen option can be left empty / blank.							Invalid Option. Please enter between 1 and 3.	Refer to Figure 20.	Passed

<b>021</b>	Negative test, test if 0 is adjacent to use existing information option boundary value.	1	0				Invalid Option. Please enter between 1 and 3.	Refer to Figure 21.	Passed
<b>022</b>	Positive test, test use existing information option boundary value.	1	1				Enter your mobile phone: _	Refer to Figure 22.	Passed
<b>023</b>	Positive test, test use existing information option boundary value.	1	3				Directed to Main Menu by the MRS system.	Refer to Figure 23.	Passed
<b>024</b>	Negative test, test if 4 is adjacent to use existing information option boundary value.	1	4				Invalid Option. Please enter between 1 and 3.	Refer to Figure 24.	Passed
<b>025</b>	Negative test, test if the input use existing information option can be a String.	1	a				Invalid Option. Please enter between 1 and 3.	Refer to Figure 25.	Passed
<b>026</b>	Negative test, test if the input use existing information option can be left empty / blank.	1					Invalid Option. Please enter between 1 and 3.	Refer to Figure 26.	Passed
<b>027</b>	Positive test, test if the input mobile phone is accepted when it is an Australian mobile phone number (Format: either +614 or 04 followed by 8 digits).	1	1	0412345678			Mobile phone = 0412345678 Are you sure with the input? 1. Yes 2. No Enter your option:	Refer to Figure 27.	Passed
<b>028</b>	Negative test, test if the input mobile phone can be 040810185096350847980.	1	1	040810185096350847980			Invalid mobile phone number. Please use Australia mobile phone number. (Format: either +61 or 04 followed by 8 digits).	Refer to Figure 28.	Passed
<b>029</b>	Negative test, test if the input mobile phone can be a String.	1	1	a			Invalid mobile phone number. Please use Australia mobile phone number. (Format: either +61 or 04 followed by 8 digits).	Refer to Figure 29.	Passed

<b>030</b>	Negative test, test if the input mobile phone can be left empty / blank.	1	1				Invalid mobile phone number. Mobile phone number should not contain any whitespaces or blank.	Refer to Figure 30.	Passed
<b>031</b>	Negative test, test if the input mobile number can be two words.	1	1	+61 412345678			Invalid mobile phone number. Mobile phone number should not contain any whitespaces or blank.	Refer to Figure 31.	Passed
<b>032</b>	Negative test, test if 0 is adjacent to mobile phone's "Are you sure with the input?" option boundary value.	1	1	0412345678	0		Invalid input. Please enter between 1 and 2.	Refer to Figure 32.	Passed
<b>033</b>	Positive test, test mobile phone's "Are you sure with the input?" option boundary value.	1	1	0412345678	1		(Optional: Press enter to continue) Enter your saving: _	Refer to Figure 33.	Passed
<b>034</b>	Positive test, test mobile phone's "Are you sure with the input?" option boundary value.	1	1	0412345678	2		Directed to enter the new mobile phone by the MRS system.	Refer to Figure 34.	Passed
<b>035</b>	Negative test, test if 3 is adjacent to mobile phone's "Are you sure with the input?" option boundary value.	1	1	0412345678	3		Invalid input. Please enter between 1 and 2.	Refer to Figure 35.	Passed
<b>036</b>	Negative test, test if the input mobile phone's "Are you sure with the input?" option can be a String.	1	1	0412345678	a		Invalid input. Please enter between 1 and 2.	Refer to Figure 36.	Passed

<b>037</b>	Negative test, test if the input mobile phone's "Are you sure with the input?" option can be left empty / blank.	1	1	0412345678				Invalid input. Please enter between 1 and 2.	Refer to Figure 37.	Passed
<b>038</b>	Positive test, test if the input saving is accepted when it is left empty / blank.	1	1	0412345678	1			Saving = EMPTY Are you sure with the input? 1. Yes 2. No Enter your option: _	Refer to Figure 38.	Passed
<b>039</b>	Positive test, test if the input saving is accepted when it is an integer value.	1	1	0412345678	1	700		Saving = 700 Are you sure with the input? 1. Yes 2. No Enter your option: _	Refer to Figure 39.	Passed
<b>040</b>	Negative test, test if the input saving can be a String.	1	1	0412345678	1	a		Invalid input. Input must be a number.	Refer to Figure 40.	Passed
<b>041</b>	Negative test, test if the input mobile number can be two words.	1	1	0412345678	1	70 0		Invalid saving. Saving should not contain any whitespaces.	Refer to Figure 41.	Passed
<b>042</b>	Negative test, test if 0 is adjacent to saving's "Are you sure with the input?" option boundary value.	1	1	0412345678	1	700	0	Invalid input. Please enter between 1 and 2.	Refer to Figure 42.	Passed
<b>043</b>	Positive test, test saving's "Are you sure with the input?" option boundary value.	1	1	0412345678	1	700	1	Application has been successfully submitted!  Press any keys to go back...	Refer to Figure 43.	Passed
<b>044</b>	Positive test, test saving's "Are you sure with the input?" option boundary value.	1	1	0412345678	1	700	2	Directed to enter the new saving by the MRS system.	Refer to Figure 44.	Passed
<b>045</b>	Negative test, test if 3 is adjacent to saving's "Are you sure with the input?" option boundary value.	1	1	0412345678	1	700	3	Invalid input. Please enter between 1 and 2.	Refer to Figure 45.	Passed

<b>046</b>	Negative test, test if the input saving's "Are you sure with the input?" option can be a String.	1	1	0412345678	1	700	a	Invalid input. Please enter between 1 and 2.	Refer to Figure 46.	Passed
<b>047</b>	Negative test, test if the input saving's "Are you sure with the input?" option can be left empty / blank.	1	1	0412345678	1	700		Invalid input. Please enter between 1 and 2.	Refer to Figure 47.	Passed
<b>048</b>	Test if tenant can submit multiple applications to the same house.	1						Sorry, only one application is allowed to be submitted to the same house.	Refer to Figure 48.	Passed

**Note:** Test case 048 must be performed after completing test case 043. Therefore, testing on all potential bugs besides provided criteria in requirement 3 are identical to the combination of requirement 2 and 4 test cases. That is, the tenant needs to apply to the selected property first then the test for requirement 3 will take place when the tenant tries to submit another application to the same property. In this case, we will be using property number 4 as an example in the screenshots. Additionally, testing on all potential bugs to select property number and view the detailed property information have been covered in Table 2 above.

Figure 15. Test 015

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 0
Invalid Option. Please enter between 1 and 3.
Enter your option:
```

Figure 16. Test 016

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 1

Use the existing personal details from registration form? (1-3):
1. Yes
2. No
3. Go Back to Property Details
Enter your option:
```

Figure 17. Test 017

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 3

*****
          Welcome to Monash Rental Space (MRS) System
*****


Please enter the option (1-5):
1. Search Property
2. View Wishlist
3. Calculate Optimal Rental Price
4. Logout
5. EXIT MRS
Enter your option:
```

Figure 18. Test 018

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 4
Invalid Option. Please enter between 1 and 3.
Enter your option:
```

Figure 19. Test 019

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 0
Invalid Option. Please enter between 1 and 3.
Enter your option:
```

Figure 20. Test 020

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option:
Invalid Option. Please enter between 1 and 3.
Enter your option:
```

Figure 21. Test 021

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 1

Use the existing personal details from registration form? (1-3):
1. Yes
2. No
3. Go Back to Property Details
Enter your option: 0
Invalid Option. Please enter between 1 and 3.
Enter your option:
```

Figure 22. Test 022

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 1

Use the existing personal details from registration form? (1-3):
1. Yes
2. No
3. Go Back to Property Details
Enter your option: 1

Enter your mobile phone:
```

Figure 23. Test 023

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 3

*****
Welcome to Monash Rental Space (MRS) System
*****

Please enter the option (1-5):
1. Search Property
2. View Wishlist
3. Calculate Optimal Rental Price
4. Logout
5. EXIT MRS
Enter your option:
```

Figure 24. Test 024

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 1

Use the existing personal details from registration form? (1-3):
1. Yes
2. No
3. Go Back to Property Details
Enter your option: 4
Invalid Option. Please enter between 1 and 3.
Enter your option:
```

Figure 25. Test 025

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 1

Use the existing personal details from registration form? (1-3):
1. Yes
2. No
3. Go Back to Property Details
Enter your option: 0
Invalid Option. Please enter between 1 and 3.
Enter your option:
```

Figure 26. Test 026

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: I

Use the existing personal details from registration form? (1-3):
1. Yes
2. No
3. Go Back to Property Details
Enter your option:
Invalid Option. Please enter between 1 and 3.
Enter your option:
```

Figure 27. Test 027

```
Use the existing personal details from registration form? (1-3):
1. Yes
2. No
3. Go Back to Property Details
Enter your option: 1

Enter your mobile phone: 0412345678

Mobile phone = 0412345678
Are you sure with the input?
1. Yes
2. No
Enter your option:
```

Figure 28. Test 028

```
Use the existing personal details from registration form? (1-3):
1. Yes
2. No
3. Go Back to Property Details
Enter your option: 1

Enter your mobile phone: 040810185096350847980
Invalid mobile phone number. Please use Australia mobile phone number.
(Format: either +61 or 04 followed by 8 digits)

Enter your mobile phone:
```

Figure 29. Test 029

```
Enter your mobile phone: a
Invalid mobile phone number. Please use Australia mobile phone number.
(Format: either +61 or 04 followed by 8 digits)

Enter your mobile phone:
```

Figure 30. Test 030

```
Enter your mobile phone:
Invalid mobile phone number. Mobile phone number should not contain any whitespaces or blank.

Enter your mobile phone:
```

Figure 31. Test 031

```
Enter your mobile phone: +61 412345678
Invalid mobile phone number. Mobile phone number should not contain any whitespaces or blank.
```

Figure 32. Test 032

```
Enter your mobile phone: 0412345678

Mobile phone = 0412345678
Are you sure with the input?
1. Yes
2. No
Enter your option: 0
Invalid Option. Please enter between 1 and 2.
Enter your option:
```

Figure 33. Test 033

```
Enter your mobile phone: 0412345678

Mobile phone = 0412345678
Are you sure with the input?
1. Yes
2. No
Enter your option: 0
Invalid Option. Please enter between 1 and 2.
Enter your option: 1

(Optional: Press enter to continue)
Enter your saving:
```

Figure 34. Test 034

```
Enter your mobile phone: 0412345678

Mobile phone = 0412345678
Are you sure with the input?
1. Yes
2. No
Enter your option: 2

Enter your mobile phone:
```

Figure 35. Test 035

```
Enter your mobile phone: 0412345678

Mobile phone = 0412345678
Are you sure with the input?
1. Yes
2. No
Enter your option: 3
Invalid Option. Please enter between 1 and 2.
Enter your option:
```

Figure 36. Test 036

```
Enter your mobile phone: 0412345678

Mobile phone = 0412345678
Are you sure with the input?
1. Yes
2. No
Enter your option: a
Invalid Option. Please enter between 1 and 2.
Enter your option:
```

Figure 37. Test 037

```
Enter your mobile phone: 0412345678

Mobile phone = 0412345678
Are you sure with the input?
1. Yes
2. No
Enter your option:
Invalid Option. Please enter between 1 and 2.
Enter your option:
```

Figure 38. Test 038

```
(Optional: Press enter to continue)
Enter your saving:

Saving = EMPTY
Are you sure with the input?
1. Yes
2. No
Enter your option:
```

Figure 39. Test 039

```
(Optional: Press enter to continue)
Enter your saving: 700

Saving = 700
Are you sure with the input?
1. Yes
2. No
Enter your option:
```

Figure 40. Test 040

```
(Optional: Press enter to continue)
Enter your saving: a
Invalid input. Input must be a number.

(Optional: Press enter to continue)
Enter your saving:
```

Figure 41. Test 041

```
(Optional: Press enter to continue)
Enter your saving: 70 0
Invalid saving. Saving should not contain any whitespaces.

(Optional: Press enter to continue)
Enter your saving:
```

Figure 42. Test 042

```
(Optional: Press enter to continue)
Enter your saving: 700

Saving = 700
Are you sure with the input?
1. Yes
2. No
Enter your option: 0
Invalid Option. Please enter between 1 and 2.
Enter your option:
```

Figure 43. Test 043

```
Saving = 700
Are you sure with the input?
1. Yes
2. No
Enter your option: 1

Application has been successfully submitted!

Press any keys to go back...
```

Figure 44. Test 044

```
Saving = 700
Are you sure with the input?
1. Yes
2. No
Enter your option: 2

(Optional: Press enter to continue)
Enter your saving:
```

Figure 45. Test 045

```
Saving = 700
Are you sure with the input?
1. Yes
2. No
Enter your option: 3
Invalid Option. Please enter between 1 and 2.
Enter your option:
```

Figure 46. Test 046

```
Saving = 700
Are you sure with the input?
1. Yes
2. No
Enter your option: a
Invalid Option. Please enter between 1 and 2.
Enter your option:
```

Figure 47. Test 047

```
(Optional: Press enter to continue)
Enter your saving: 700

Saving = 700
Are you sure with the input?
1. Yes
2. No
Enter your option:
Invalid Option. Please enter between 1 and 2.
Enter your option:
```

Figure 48. Test 048

```
Address: 45 Springvale Road
Suburb: Mulgrave
Price: 550 AUD per week
Condition: Furnished
Type: Apartment
State: Leasing
Description: Contemporary apartment with stunning views and access to communal facilities.
Agent: Kyle Dansworth
Management Contact Number: 321-789-6540
Application URL: https://www.real-estate-australia.com.au/23139/rent/application
Inspection Date and Time: May 26 2023, 4:30 PM

Please enter the option (1-3):
1. Apply for the Property
2. Add to Wishlist
3. Go Back to Main Menu
Enter your option: 1

Sorry, only one application is allowed to be submitted to the same house.

Press any keys to go back...
```