# House rental system test case

**Black Box Testing**

**Unit testing**

What is unit testing

Unit means one that means one test for one function that means every function that you are testing should perform the single function. Those function that returns multiple outputs cannot be considered in the unit test. Else functions that returns multiple outputs can be tested by using feature testing.

Test do not interfere each other because each test has its own identity which will not trigger each other and cause damage in test.

## Test Case – 1

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| --- | --- |
| **Test Suite** | **Unit Test 1** |
| Purpose of the test | To check whether the user can register or not |
| Test Data | ("GET", "/login/$email/$password") |
| Expected Result | User should be registered successfully. |
| Actual result | User was successfully registered |
| Class involve in test | User |
| Comments |  |

## Test Case – 2

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| --- | --- |
| **Test Suite** | **Unit Test 2** |
| Purpose of the test | To check whether the user can login or not |
| Test Data |  |
| Expected Result | User should be able to login successfully |
| Actual result | User can login |
| Class involve in test | User |
| Comments |  |

## Test Case – 3

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| --- | --- |
| **Test Suite** | **Unit Test 3** |
| Purpose of the test | User should not be able to go to login page once they are logged-in |
| Test Data |  |
| Expected Result | user should be unable to visit the login page |
| Actual result | Test result was positive |
| Class involve in test | User |
| Comments |  |

## Test Case – 4

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| --- | --- |
| **Test Suite** | **Unit Test 4** |
| Purpose of the test | Whether user can update the profile or not |
| Test Data |  |
| Expected Result | User should be able to update the profile |
| Actual result | Test was not passed |
| Class involve in test | User |
| Comments | Asserting the provided data failed due to some reason nut test was passed in black box testing |

## Test Case – 5

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| --- | --- |
| **Test Suite** | **Unit Test 5** |
| Purpose of the test | Testing whether the user is admin or not. |
| Test Data |  |
| Expected Result | User should be admin |
| Actual result | Test failed |
| Class involve in test | User |
| Comments | BadMethodCallException( test was passed in black box testing ) |

## Test Case – 6

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| --- | --- |
| **Test Suite** | **Unit Test 6** |
| Purpose of the test | Whether user can search by location or not |
| Test Data |  |
| Expected Result | User should be able to search via location |
| Actual result | Search was successful |
| Class involve in test | Properties |
| Comments |  |

## Test Case – 7

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| --- | --- |
| **Test Suite** | **Unit Test 7** |
| Purpose of the test | Whether property type is empty or not |
| Test Data |  |
| Expected Result | Property type box should not be empty |
| Actual result | Result was positive |
| Class involve in test | Proptypes |
| Comments |  |

## Test Case – 8

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| --- | --- |
| **Test Suite** | **Unit Test 8** |
| Purpose of the test | Whether property can be added or not |
| Test Data |  |
| Expected Result | Property should be added |
| Actual result | Test failed |
| Class involve in test | Properties |
| Comments | Integrity constraint violation |

## Test Case – 9

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| --- | --- |
| **Test Suite** | **Unit Test 9** |
| Purpose of the test | Whether user can add property if they aren’t logged-in |
| Test Data |  |
| Expected Result | They should not be able to visit the add property page at all |
| Actual result | Test result was positive and user was unable to visit. |
| Class involve in test | Properties, Facilities, Rooms |
| Comments |  |

## Test Case – 10

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| --- | --- |
| **Test Suite** | **Unit Test 10** |
| Purpose of the test | Whether user can view property without login or not |
| Test Data |  |
| Expected Result | They should be able to view the property |
| Actual result | User was able to view the property |
| Class involve in test | Properties, Facilities, Rooms, User |
| Comments |  |

## Test Case – 11

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| --- | --- |
| **Test Suite** | **Unit Test 11** |
| Purpose of the test | Whether user can book property if they are not logged-in |
| Test Data |  |
| Expected Result | Should not be able to book property if not logged-in |
| Actual result | Test failed |
| Class involve in test | Properties, Bookings |
| Comments | Integrity constraint voilation |