Test Case for Property Management System

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Version: 2.2

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| Test Case: 001 Test Login - Owner | |
| Story card | nil |
| Purpose: | Confirm that valid an owner can login on |
| Prerequisites: | User have valid username and password |
| Test Data: | Username = Owner1  Password = password |
| Steps: | Click “Property Owner”  Enter USERNAME [Owner1]  Enter PASSWORD [password]  Click "Log In”  See Home Screen |
| Expected Outcome: | Owner Home Screen appears |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 002 Test Login – Property Owner with failed login details | |
| Story Card | nil |
| Purpose: | Confirm that invalid Property Owner details cannot login on |
| Prerequisites: | User have valid username and password |
| Test Data: | Username = Owner1  Password = password123 |
| Steps: | Click “Agent”  Enter username [ Owner1 ]  Enter PASSWORD [password123]  Click "Log In” |
| Expected Outcome: | Alert is popped up. |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 003 Test Login - Manager | |
| Story card | nil |
| Purpose: | Confirm that valid manager can login on |
| Prerequisites: | User have valid username and password |
| Test Data: | Username = Manager1  Password = password |
| Steps: | Click “Manager”  Enter USERNAME [Manager1]  Enter PASSWORD [password]  Click "Log In”  See Home Screen |
| Expected Outcome: | Manager Home Screen appears |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 004 Test Login – Manager with failed login details | |
| Story Card | nil |
| Purpose: | Confirm that invalid Property Owner details cannot login on |
| Prerequisites: | User have valid username and password |
| Test Data: | Username = Manager1  Password = password |
| Steps: | Click “Manager”  Enter username [ Manage1 ]  Enter PASSWORD [password]  Click "Log In” |
| Expected Outcome: | Alert is popped up. |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 005 Test Login - Agent | |
| Story Card | nil |
| Purpose: | Confirm that valid Agent can login on |
| Prerequisites: | User have valid username and password |
| Test Data: | Email = test@gmail.com  Password = abc |
| Steps: | Click “Agent”  Enter email [ agent1@gmail.com ]  Enter PASSWORD [password]  Click "Log In”  See Home Screen |
| Expected Outcome: | Agent Home Screen appears |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 006 Test Login – Agent with failed login details | |
| Story Card | nil |
| Purpose: | Confirm that invalid Agent details cannot login on |
| Prerequisites: | User have valid username and password |
| Test Data: | Email = test@gmail.com  Password = abcd |
| Steps: | Click “Agent”  Enter email [ test@gmail.com ]  Enter PASSWORD [abcd]  Click "Log In” |
| Expected Outcome: | Alert is popped up. |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 007 Create New Tenant | |
| Story card | 01 |
| Purpose: | Confirm a Agent can input tenant details |
| Prerequisites: | User has access rights required |
| Test Data: | Username = Agent1  Password = password |
| Steps: | Click “Create Tenant”  Type tenant details in the fields:  Full Name: Smith Ford  Phone no.: 0410953299  Date of Birth: 16/06/1960  Document: testdoc  Contact: (empty)  Bank/ Account No: 1234567890  BSB:123456  Click “Create” |
| Expected Outcome: | A new tenant record is created, a new tenant record is shown in the table |
| Actual Outcome: | A new tenant record is created. A new tenant record is shown in the table. |

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| Test Case: 008 Edit Existing Tenant | |
| Story card | 01 |
| Purpose: | Confirm that user can edit tenant personal details (name, D.O.B, mobile number, etc) |
| Prerequisites: | User has access right required (Manager) |
| Test Data: | Username: Agent1  Password: password  Tenant: Smith Ford  Change name to: Alex Ford  Change DOB to: 27/12/1960  Change mobile no: 0410953266 |
| Steps: | Click “Edit Tenant”  Select “Smith Ford” from the table  Enter “Alex Ford” in Full Name  Enter DOB to: 27/12/1960  Enter mobile no: 0410953266  Click “Update”  See updated tenant details |
| Expected Outcome: | Able to see the updated tenant details |
| Actual Outcome: | Edit button is missing |

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| Test Case: 009 Edit Existing Tenant without filling all mandatory fields | |
| Story Card | 01 |
| Purpose: | Ensure user can only update a tenant record if all mandatory fields has been entered |
| Prerequisites: | User has access right required |
| Test Data: | Username: 1  Password: abc  Tenant: Alex Ford  Change name to: (empty) |
| Steps: | Click “Edit Tenant”  Select “Alex Ford” from the table  Remove text in Full Name  Click “Update”  Alert which prompts the user the update is invalid |
| Expected Outcome: | Able to see the unchanged tenant details |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 010 View an Existing Property | |
| Story Card | 17 |
| Purpose: | Confirm viewing existing property works |
| Prerequisites: | Potential tenant has access to the property management webpage |
| Test Data: | Property = 123 Mary St. Brisbane 4000 |
| Steps: | Visit the Property Management System Page  Click “Property List”  Click “123 Mary St. Brisbane 4000” from the table  Read the property details |
| Expected Outcome: | The property details page is shown |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 011 Property searching search criteria: street number | |
| Story Card | 17 |
| Purpose: | Confirm searching for properties without being requiring to log in works |
| Prerequisites: | Potential tenant has access to the property management webpage |
| Test Data: | Property = 123 Mary St. Brisbane 4000 |
| Steps: | Visit the Property Management System Page  Type “123” in the search bar  Select “123 Mary St. Brisbane 4000”  Read the property details |
| Expected Outcome: | The property details page is shown |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 012 Property searching search criteria: postcode | |
| Story Card | 17 |
| Purpose: | Confirm searching for properties without being requiring to log in works |
| Prerequisites: | Potential tenant has access to the property management webpage |
| Test Data: | Property = 123 Mary St. Brisbane 4000 |
| Steps: | Visit the Property Management System Page  Type “4000” in the search bar  Select “123 Mary St. Brisbane 4000”  Read the property details |
| Expected Outcome: | The property details page is shown |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 013 Property searching search criteria: type | |
| Story Card | 17 |
| Purpose: | Confirm searching for properties without being requiring to log in works |
| Prerequisites: | Potential tenant has access to the property management webpage |
| Test Data: | Property = 123 Mary St. Brisbane 4000 |
| Steps: | Visit the Property Management System Page  Type “apartment” in the search bar  Select “123 Mary St. Brisbane 4000”  Read the property details |
| Expected Outcome: | The property details page is shown |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 014 Register a new property | |
| Story Card | 14 |
| Purpose: | Confirm property owner can register a property. The property becomes pending approval by the boss. |
| Prerequisites: | Property owner has access right required |
| Test Data: | Username = Owner1  Password = password  House No: 689  Street Name: Charlotte Street  Postcode: 4000  Suburb: Brisbane  Weekly Rent: 500  Photo One: [propertyimg1.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg1.jpg)  Photo Two: [propertyimg2.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg2.jpg)  Photo Three: [propertyimg3.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg3.jpg)  Bedrooms: 2  Bathrooms:3 |
| Steps: | Click “Owner”  Username = 1  Password = password  Click “Property Registration”  Enter Property Details  Click “Create” |
| Expected Outcome: | Properties should be able to be registered, and all information pertaining to the registration of said properties should be stored in the database.  Property’s status is pending approval. |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 015 Register a new property with missing mandatory fields | |
| Story Card | 14 |
| Purpose: | Confirm property owner can register a property. The property becomes pending approval by the boss. |
| Prerequisites: | Property owner has access right required |
| Test Data: | Username = Owner1  Password = password  House No: 689  Street Name: 101 Charlotte Street  Postcode: empty  Suburb: Brisbane  Weekly Rent: 500  Photo One: [propertyimg1.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg1.jpg)  Photo Two: [propertyimg2.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg2.jpg)  Photo Three: [propertyimg3.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg3.jpg)  Bedrooms: 2  Bathrooms: empty |
| Steps: | Click “Owner”  Username = 1  Password = password  Click “Property Registration”  Enter Property Details  Click “Create” |
| Expected Outcome: | Message alerting the user “missing required field”. Nothing has been changed in in the table |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 016 Edit an existing property | |
| Story Card | 14 |
| Purpose: | Confirm property owner can edit an existing property. |
| Prerequisites: | Property owner has access right required |
| Test Data: | Username = Owner1  Password = password  House No: 689  Street Name: Charlotte Street  Postcode: 4000  Suburb: Brisbane  Weekly Rent: 500  Photo One: [propertyimg1.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg1.jpg)  Photo Two: [propertyimg2.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg2.jpg)  Photo Three: [propertyimg3.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg3.jpg)  Bedrooms: 2  Bathrooms:2  Change Suburb to: Kelvin Grove |
| Steps: | Click “Owner”  Username = Owner1  Password = password  Click “Property Registration”  Change Suburb from Brisbane to Kelvin Grove  Click “Create” |
| Expected Outcome: | Property record has been updated in the table |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 017 Edit an existing property with missing fields | |
| Story Card | 14 |
| Purpose: | Confirm property owner can edit an existing property. |
| Prerequisites: | Property owner has access right required |
| Test Data: | Username = Owner1  Password = password  House No: 689  Street Name: Charlotte Street  Postcode: 4000  Suburb: Brisbane  Weekly Rent: 500  Photo One: [propertyimg1.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg1.jpg)  Photo Two: [propertyimg2.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg2.jpg)  Photo Three: [propertyimg3.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg3.jpg)  Bedrooms: 2  Bathrooms:2  Change Postcode to: empty  Change Bedrooms to: empty |
| Steps: | Click “Owner”  Username = Owner1  Password = password  Click “Property Registration”  Enter Property Details  Click “Create” |
| Expected Outcome: | Message alerting the user “missing required field”. Nothing has been changed in in the table |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 018 Search an existing property and change its status to under contract | | |
| Story Card | | 21 |
| Purpose: | Confirm searching for a property by address works. And able to change its status to ‘under contract’ | |
| Prerequisites: | User has access right required (Manager/Agent) | |
| Test Data: | Username = Manager1  Password = password  Address: 689/ 101 Charlotte Street, Brisbane 4000  Change status to: under contract | |
| Steps: | Click “Manager”  Username = Manager1  Password = password  Click “Property”  Enter Address: 101 Charlotte Street  Click “Search”  Click the correct property record from the list  Change status to under contract from a drop down list | |
| Expected Outcome: | The status has been changed to under contract for that property record. Property automatically removed from the listings once it has become ‘under contract’ | |
| Actual Outcome: | Test failed as the function is incomplete | |

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| Test Case: 019 View an Existing Tenant Details by searching tenant name | |
| Story Card | 02 |
| Purpose: | Confirm searching by tenant name works. User is able to view the tenant details |
| Prerequisites: | User has access right required (Manager/Agent) |
| Test Data: | Username = Agent1  Password = password  Tenant Name = John Snow |
| Steps: | Click “Agent”  Username = Agent1  Password = password  Click “Tenant Details”  Search by tenant name: John Snow  Click “Search”  Select the relevant tenant record from the search result |
| Expected Outcome: | Tenant John Snow’s tenant detail is shown |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 020 View a Existing Tenant Details searching tenant ID | |
| Story Card | 02 |
| Purpose: | Confirm searching by tenant ID works. Users able to view the tenant details |
| Prerequisites: | User has access right required (Manager/Agent) |
| Test Data: | Username = Agent1  Password = pass  Tenant ID = 5 |
| Steps: | Click “Agent”  Username = 1  Password = abc  Click “Tenant Details”  Search by tenant ID = 5  Click “Search”  Select the relevant tenant record from the search result |
| Expected Outcome: | Tenant Norah Alan’s tenant detail is shown |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 021 Download tenant document (removed function) | |
| Story Card | 02 |
| Purpose: | Confirm download tenant documents works |
| Prerequisites: | User has access right required (Manager/Agent) |
| Test Data: | Username = 1  Password = abc  Tenant ID = 5 |
| Steps: | Click “Agent”  Username = 1  Password = abc  Click “Tenant Details”  Search by tenant ID = 5  Click “Search”  Select the relevant tenant record from the search result  Click “Download” in the document section |
| Expected Outcome: | Tenant Norah Alan’s bank statement is download to the computer |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 022 Edit Existing Tenant by Agent | |
| Story card | 01 |
| Purpose: | Confirm that user can edit tenant personal details (name, D.O.B, mobile number, etc) |
| Prerequisites: | User has access right required (Manager/Agent) |
| Test Data: | Username: Agent1  Password: password  Tenant: Smith Ford  Change name to: Alex Ford  Change DOB to: 27/12/1960  Change mobile no: 0410953266 |
| Steps: | Click “Agent”  Username: Agent1  Password: password  Click “Edit Tenant”  Select “Smith Ford” from the table  Enter Full name to: Alex Ford  Enter DOB: 27/12/1960  Enter mobile no: 0410953266  Click “Update”  See updated tenant details |
| Expected Outcome: | Able to see the updated tenant details in the table |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 023 Create New Staff | |
| Story card | 03 |
| Purpose: | Confirm a Manger can create staff portfolio |
| Prerequisites: | User has access rights required |
| Test Data: | Username = Manager1  Password = password  Name: John White  Phone no.: 0410945699  Date of Birth: 16/06/1968  Email: [john.white@gmail.com](mailto:john.white@gmail.com)  Password: pw123456 |
| Steps: | Login as manager  Click “New Staff Portfolio”  Type staff details in the fields:  Name: John White  Phone no.: 0410945699  Date of Birth: 16/06/1968  Email: [john.white@gmail.com](mailto:john.white@gmail.com)  Password: pw123456  Click “Submit” |
| Expected Outcome: | A new staff record is created, see a new staff in the table |
| Actual Outcome: | Run time error occurred. “Duplicated entry 0 for key Primary. |

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| Test Case: 024 Approve properties | |
| Story card | 15 |
| Purpose: | Confirm a Manger can approve properties |
| Prerequisites: | User has access rights required |
| Test Data: | Username = Manager1  Password = password |
| Steps: | Login as manager Click “Approve properties”  Select property ID that needed for approval: 1  The property details are display  House No: 5  Street Name: Charlotte Street  Postcode: 4000  Suburb: Brisbane  Weekly Rent: 500  Photo One: [propertyimg1.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg1.jpg)  Photo Two: [propertyimg2.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg2.jpg)  Photo Three: [propertyimg3.jpg](file:///C:\dev\IFB299G94\IFB299G94\Virginia-IP-n8810532\propertyimg3.jpg)  Bedrooms: 2  Bathrooms:2  Click “Approve property” |
| Expected Outcome: | The property is approved. Once approved they should be added to the rental listings, and the ‘Awaiting Approval’ status should be removed. |
| Actual Outcome: | The property is approved. The property is added to the rental listings, and the ‘Awaiting Approval’ status is removed. |

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| Test Case: 025 Assign properties to staff | |
| Story card | 16 |
| Purpose: | Confirm a Manger can allocate properties to staff members so that my staff can manage these properties. |
| Prerequisites: | User has access rights required |
| Test Data: | Username = Manager1  Password = password  Staff id = 0  Property id = 1  Working hours = 5 |
| Steps: | Click “Staff assignment”  Type/select staff ID that needed for approval: 0  Type/select property ID that needed for approval: 1  The staff and property details are display  Name: John White  Date of Birth: 16/06/1968  House No: 5  Street Name: Charlotte Street  Postcode: 4000  Suburb: Brisbane  Click “Assign property” |
| Expected Outcome: | The property is assigned to designed staff. Staff should be able to manage properties that have been allocated to the from the boss. This allocation process should include a search feature for both property and staff member. |
| Actual Outcome: | The property is assigned to designed staff. |

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| Test Case: 026 Edit Staff portfolio | |
| Story card | 03 |
| Purpose: | Confirm that manager can edit staff personal details (name, D.O.B, mobile number, etc) |
| Prerequisites: | User has access right required (Manager) |
| Test Data: | Username: Manager1  Password: password  Staff Name: John White  Phone no.: 0410945699  Date of Birth: 16/06/1968  Email: [john.white@gmail.com](mailto:john.white@gmail.com)  Password: pass  Staff: John White  Change name to: Alex White  Change DOB to: 27/12/1960  Change mobile no: 0410953266 |
| Steps: | Click “Manager”  Click “Staff profiles”  Select 0 staff id from the list  John White detail is shown  Enter “Alex White” in Full Name  Enter DOB to: 27/12/1960  Enter mobile no: 0410953266  Click “Update profile”  See updated staff details |
| Expected Outcome: | Able to see the updated staff details |
| Actual Outcome: | Staff detail is updated accordingly. |

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| Test Case: 027 Edit Existing Staff without filling all mandatory fields | |
| Story Card | 03 |
| Purpose: | Ensure user can only update a staff record if all mandatory fields has been entered |
| Prerequisites: | User has access right required(manager) |
| Test Data: | Username: 1  Password: abc  Staff id: 1234  Change name to: (empty) |
| Steps: | Click “Manager”  Click “Staff profile”  Select staff id “1” from the list  Remove text in Full Name  Click “Update profile”  Alert which prompts the user the update is invalid |
| Expected Outcome: | Able to see the unchanged staff details |
| Actual Outcome: | No alert appear. Wrong details are entered into the staff profile. |

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| Test Case: 028 Owner property management – view status of properties | |
| Story Card | 18 |
| Purpose: | Confirm viewing owner’s property works |
| Prerequisites: | Owner has access to the property management webpage |
| Test Data: | Property = 123 Mary St. Brisbane 4000 |
| Steps: | Visit the Property Management System Page  Click “Property List”  Click “123 Mary St. Brisbane 4000” from the table  Read the property details |
| Expected Outcome: | The property details and status are shown |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 029 Input owners details | |
| Story card | 05 |
| Purpose: | Confirm a property owner can input owner’s so that they can register properties as available for renting. |
| Prerequisites: | User has access rights required |
| Test Data: | Username = Owner1  Password = password |
| Steps: | Click “Property owner”  Type tenant details in the fields:  Full Name: Smith Ford  Phone no.: 0410953299  Date of Birth: 16/06/1960  Document: bankstat  Contact: (empty)  Bank/ Account No: 1234567890  BSB:123456  Click “Create” |
| Expected Outcome: | A new tenant record is created, see a new tenant in the table |
| Actual Outcome: | Test failed as the function is incomplete |

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| Test Case: 030 Change staff working hours | |
| Story card | 04 |
| Purpose: | Confirm the manager can change staff working hours so that their schedule can become flexible, and they can be paid correctly. |
| Prerequisites: | User has access rights required |
| Test Data: | Username = Manager1  Password = password  Staff id = 0  Property id = 1 |
| Steps: | Click “Manager”  Click “Approval property”  Select staff id 0 and property 1 from the drop down list  Type new working hours to 10 hours  Click “Assign Property” |
| Expected Outcome: | Staff working hour is updated; see the record in staff portfolio. |
| Actual Outcome: | Staff working hour is updated. The record in staff portfolio is correct. |

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| Test Case: 031 Change staff working hours with wrong information type | |
| Story card | 04 |
| Purpose: | Confirm the manager cannot enter invalid staff working hour |
| Prerequisites: | User has access rights required |
| Test Data: | Username = Manager1  Password = password  Staff id = 0  Property id = 1 |
| Steps: | Click “Manager”  Click “Approval property”  Select staff id 0 and property 1 from the drop down list  Type new working hours to a hours  Click “Assign Property” |
| Expected Outcome: | Staff working hour is updated to 0 hour; see the record in staff portfolio. |
| Actual Outcome: | Staff working hour is updated to 0 hour. The record in staff portfolio is correct. |