**Project 2**

**Test Cases Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Input** | **Expected Output** | **Actual Output** | **Pass?** |
| **Test Case 1**  Property 1:  1, 123 First Street, 1, 800, 247000, Insert, Process  Property 2:  2, 456 Second Street, 2, 1400, 315000, Insert, Process  Transaction No -> 1  UNDER\_CONTRACT  Change Status  Find, Process  Transaction No -> 2  SOLD  Change Status  Find, Process | Property added successfully.  Property added successfully.  Property Found:  Property Address: 123 First Street  Bedrooms: 1  Square Feet: 800  Price 247000  Status: UNDER\_CONTRACT  Property Found:  Property Address: 456 Second Street  Bedrooms: 2  Square Feet: 1400  Price 315000  Status: SOLD | Property Added Successfully  Property Added Successfully  Property Found:  Property Address: 123 First Street  Bedrooms: 1  Square Feet: 800  Price 247000  Status: UNDER\_CONTRACT  Property Found:  Property Address: 456 Second Street  Bedrooms: 2  Square Feet: 1400  Price 315000  Status: SOLD | Yes |
| **Test Case 2**  Property 1:  1, 123 First Street, 1, 800, 247000, Insert, Process  Property 2:  2, 456 Second Street, 2, 1400, 315000, Insert, Process  Transaction No -> 1  Delete, Process  Find, Process  Transaction No -> 2  Find, Process | Property added successfully.  Property added successfully.  Property removed successfully.  No records with that Transaction ID exist. Please try again.  Property Found:  Property Address: 456 Second Street  Bedrooms: 2  Square Feet: 1400  Price 315000  Status: SOLD | Property Added Successfully  Property Added Successfully  Property removed successfully.  No records with that Transaction ID exist. Please try again.  Property Found:  Property Address: 456 Second Street  Bedrooms: 2  Square Feet: 1400  Price 315000  Status: SOLD | Yes |
| **Test Case 3**  Property 1:  1, 123 First Street, 1, 800, 247000, Insert, Process  Property 2:  1, 456 Second Street, 2, 1400, 315000, Insert, Process | Property added successfully.  Transaction ID already exists. Please choose another. | Property Added Successfully  Transaction ID already exists. Please choose another. | Yes |
| **Test Case 4**  Property 1:  one, 123 First Street, 1, 800, 247000, Insert, Process  Property 2:  2, 456 Second Street, two, 1400, 315000, Insert, Process  Property 3:  1, 123 First Street, 1, big, 247000, Insert, Process  Property 4:  1, 456 Second Street, 2, 1400, expensive, Insert, Process | Please enter numbers for integer fields  Please enter numbers for integer fields  Please enter numbers for integer fields  Please enter numbers for integer fields | Please enter numbers for integer fields  Please enter numbers for integer fields  Please enter numbers for integer fields  Please enter numbers for integer fields | Yes |
| **Test Case 5**  Property 1:  1, 123 First Street, 1, 800, 247000, Insert, Process  UNDER\_CONTRACT,  Change Status  Find, Process  Property 2:  2, 456 Second Street, two, 1400, 315000, Insert, Process  SOLD, Change Status  Find, Process  Property 3:  1, 789 Third Street, 3, 2500, 500000, Insert, Process  Delete, Process  Find, Process  Transaction No -> 4  Delete, Process | Property added successfully.  Property Found:  Property Address: 123 First Street  Bedrooms: 1  Square Feet: 800  Price 247000  Status: UNDER\_CONTRACT  Property added successfully.  Property Found:  Property Address: 456 Second Street  Bedrooms: 2  Square Feet: 1400  Price 315000  Status: SOLD  Property added successfully.  Property removed successfully.  No records with that Transaction ID exist. Please try again.  No records with that Transaction ID exist. Please try again. | Property added successfully.  Property Found:  Property Address: 123 First Street  Bedrooms: 1  Square Feet: 800  Price 247000  Status: UNDER\_CONTRACT  Property added successfully.  Property Found:  Property Address: 456 Second Street  Bedrooms: 2  Square Feet: 1400  Price 315000  Status: SOLD  Property added successfully.  Property removed successfully.  No records with that Transaction ID exist. Please try again.  No records with that Transaction ID exist. Please try again. | Yes |

**Compiling:**

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**App GUI:**

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**Test Case 1:**

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**Test Case 2:**

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**Test Case 3:**

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**Test Case 4:**

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**Test Case 5:**

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