Software Testing Report

<SYDNEY AIRBNB SEARCH>

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# Unit Tests

| **No** | **Test Case** | **Expected Results** | **Actual Results** |
| --- | --- | --- | --- |
| **1.0** | **File Reading Functions** |  |  |
| 1.1 | Test a wrong filename | Exception Handled | Exception Handled |
| 1.2 | Test empty input file | Display “File Not Found” message and exit | Display “File Not Found” message and exit |
| **2.0** | **Data analysing function** |  |  |
| 2.1 | Test min price input | Return house num with the price higher than min price | Return house num with the price higher than min price |
| 2.2 | Test max price input | Return house num with the price lower than max price | Return house num with the price lower than max price |
| **3.0** | **Searching Functions** |  |  |
| 3.1 | Test different id inputs | Display targeted element with the input id | Display targeted element with the input id |

# Coverage Report

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

# Requirements Acceptance Testing

| **Software  Requirement No** | **Test** | **Implemented (Full /Partial/ None)** | **Test Results (Pass/ Fail)** | **Comments (for partial implementation or failed test results)** |
| --- | --- | --- | --- | --- |
| 1 | User can select suburbs. | Full | Pass |  |
| 2 | User can restrict price range. | Full | Pass |  |
| 3 | User can search through reviews. | Full | Pass |  |
| 4 | User can search for places with specific keywords. | Full | Pass |  |
| 5 | User can view the details of a listing. | Full | Pass |  |
| 6 | The system can search the database. | Full | Pass |  |
| 7 | The system can report errors. | Full | Pass |  |
| 8 | The system can clean invalid user input. | Full | Pass |  |
| 9 | The system can return correct results. | Full | Pass |  |