**A. Scenarios Steps**

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| As per the defined problem, the search and the where to buy functionality for dealers are tested   1. **Search Functionality:** |
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| **Test Scenario:** |
| As a user, I want to search for a specific item on the application. |
| **Test Cases:** |
| 1. Verify that the successful launch of the website <https://maax.com/> |
| 1. Confirmed the display of an appropriate error message when incorrect product names were entered in the search. 2. Ensured the retrieval of relevant search results for valid product queries. |
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| 1. **Where to buy Functionality:** |
| **Test Scenario**: |
| As a user, I want to see list of dealers for the Zipcode, location, City in the search box. |
| **Test Cases:** |
| 1. Successfully launched the "Where to Buy" page of the Maax website maax.com/where-to-buy. 2. Validated the display of autocomplete suggestions upon entering a correct Zipcode in the search. 3. Verified that selecting an option from the suggestions correctly displayed the respective dealers from that Zipcode. 4. Ensured the display of "0 dealers found" message when no dealers were available for the entered Zipcode. 5. Confirmed the appearance of 'No results found' message in case of an invalid Zipcode entry. 6. Validated the display of dealers from a specific city upon entering a correct city name in the search. |
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**B. Challenges**

During the testing process, we encountered the following challenges

**Environment Setup:** Initial setup of Cypress and JavaScript posed some challenges due to its first-time implementation.

**Website stability:** Inconsistencies in the website's behavior led to occasional test failures, which required thorough investigation and troubleshooting.

**C. How to Execute the Tests**

**Prepare Test Environment:**

1. Cypress was successfully installed and configured in our development environment.
2. Necessary files were placed in the working directory.

**Execute Test Cases:**

1. The project "Air-tek"(shared with you) was added to Cypress for testing purposes.
2. End-to-end (e2e) testing module was configured as per requirements.
3. Tests were executed in the Chrome browser environment.

**Record Results:**

1. Both test scripts were run to completion.
2. Screenshots captured during the tests are attached for your reference.