

## **Demo 2**

### **Unit Testing**

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1. **Introduction**: This section should provide an overview of the unit testing process and explain the purpose of the document.
2. **Test Plan**: This section should describe the scope of the testing effort and list the units that will be tested. For your equipment rental website, the units that will be tested are:
  - Menu page
  - Book now page
  - Inventory page
  - Profile page
  - History transaction page
3. **Test Cases**: This section should describe each test case in detail. Each test case should include a description of the test, the expected result, and any preconditions or assumptions. Here are some examples of test cases for each unit:
  - Menu page:
    - Test case 1: Verify that all menu items are displayed correctly.
    - Test case 2: Verify that each menu item links to the correct page.
    - Test case 3: Verify that the menu collapses correctly on small screens.
  - Book now page:
    - Test case 1: Verify that the booking form works correctly.
    - Test case 2: Verify that user input is validated correctly.
    - Test case 3: Verify that booking confirmation is displayed correctly.
  - Inventory page:
    - Test case 1: Verify that all inventory items are displayed correctly.
    - Test case 2: Verify that inventory items can be filtered by category.

- Test case 3: Verify that inventory items can be sorted by price.
  - Profile page:
    - Test case 1: Verify that user profile information is displayed correctly.
    - Test case 2: Verify that user profile information can be edited correctly.
    - Test case 3: Verify that user profile picture can be uploaded correctly.
  - History transaction page:
    - Test case 1: Verify that all transaction history is displayed correctly.
4. **Conclusion**: This section should summarize the results of the testing effort and provide recommendations for future testing.