TEST PLAN

Team Members

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1. **Software to be tested:**

   1.1 Name:
   Presta.com is an e-commerce platform that is one of the major e-commerce players in Europe & Latin America. With nearly 300,000 sites already using its software across the globe, PrestaShop sites generated more than 24 billion euros in online sales. Unlike other e-commerce websites, Presta allows a user to create a shop online in their portal where user can visit and buy products which are exclusive to that shop owner.

   Project link: https://github.com/PrestaShop/PrestaShop

   1.2 Language
   This website https://www.prestashop.com/en is built using JavaScript, HTML5, CSS and PHP Framework. This is hosted on cloudfare.com and the icons are fetched from material icon from google. The database used in MySQL.

2. **Functions to be tested:**

The section gives a list of functions/features to be tested.

   1. Login screen
      Need to test if the landing screen is loading all the contents correctly.

   2. Login
      Need to check for the proper validity checking while user uses credentials for login and then redirected to the home screen.

   3. Forgot Password
      Check if proper email resent links are being sent to the correct email id provided.

   4. Create Account
      User must be able to create the account and be able to start using the website instantly.

   5. Search Products:
      When user types anything in the search bar, a proper related products should be suggested. And the search items should populate in the below grid.

   6. Filtering products
      User should be able to use the filter provided to further sort out products based on category, size, color etc.

7. Share
   When user clicks on the share button, an URL should be generated which redirects directly to the product homepage.

8. Add products to Wishlist
   User must be able to add products in cart as Wishlist products, which shall be visible to that user only.

9. Add Products to cart
   User must be able to add products in cart as final products, which shall be visible to that user only.

10. Check out
    When user clicks on check out, the final price of the products should be calculated and should be displayed to the user.

11. Fill user details
    At the time of checkout user must fill the payment and delivery details. Validity checking should be done on the filled-out details.

12. Notify user after successful order placement.
    A successful email along with the product, payment, and address details along with an estimated time frame should be sent.

13. Contact us
    The layout along with the proper contact us details should be displayed. When user clicks on the email, the default email app on the should open with the store email id on the 'To:'.

3. **Testing Strategy**
   For this application, we opt for manual testing method as Manual testing as Manual testing allows us to identify defects and issues in the webpage that might not be detected by automated testing. Human testers can use their intuition, experience, and creativity to explore the webpage's functionalities, and identify potential issues that automated testing might miss. Also, Manual testing helps to detect issues early in the development process, before they become critical problems.

4. **Test work products**
   a. Test cases
      Test cases will be designed and documented for each function and feature of the platform. These test cases will include step-by-step instructions for each scenario, expected results, and actual results.

b. <u>Test Data</u>
Test data will be created to simulate real-world scenarios and test the functionality of the platform under different conditions.

c. <u>Test Reports</u>
Test reports will be generated to provide an overview of the testing process, including the test results, issues, and recommendations for improvement.
Also, the test case results will be kept in an excel worksheet and that will be shared among the other testers so that all the updated details of each of the test results are available to all the other testers all the time.

5. **Testing tools and environment.**
Since we opt for manual testing, no other software setup is required.

6. **Test Schedule**

Sr. No.	Activity	Status
1	Project finalization	Completed
2	Test plan preparation	Completed
3	Test plan submission	Completed
4	Installation of the software	Completed
5	Set up a testing environment	Completed
7	Design test cases	4/8/23 – 4/16/23
8	Perform tests	4/17/23 – 4/25/23
9	Summarizing results	4/25/23 – 4/28/23
10	Final report preparation	4/29/23 - 5/1/23
12	Final submission	5/12/23