

Title: Automated Testing Framework for E-Commerce Website” Demo Blaze”

Team members

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Goals of our Project using Demo Blaze:

1. **Framework Demonstration:** The primary goal is to showcase the capabilities of our automated testing framework. Highlight its features, architecture, and how it addresses common testing challenges.
2. **End-to-End Testing Prowess:** Demonstrate our framework's ability to automate end-to-end tests, simulating real user interactions with the website from login to checkout.
3. **UI Interaction Automation:** Show how our framework can interact with various UI elements on the page, like clicking buttons, entering text, selecting options from dropdowns, and verifying element properties.
4. **Form Handling:** Demonstrate how our framework automates form submissions, including handling different input types, validations, and error messages.
5. **Test Case Design:** Showcase your ability to design effective and comprehensive test cases that cover positive and negative scenarios (e.g., valid login, invalid login, adding items to cart, empty cart checkout).
6. **Reporting and Analysis:** Emphasize the reporting features of our framework. Generate clear and informative reports that summarize test results, including pass/fail rates, error messages, and screenshots. This is crucial for understanding test outcomes.
7. **Maintainability and Scalability (If Possible):** If time permits, we can briefly touch upon how your framework promotes maintainability (e.g., through the Page Object Model) and how it can be scaled to handle larger test suites.
8. **Performance Testing (Optional):** If we include performance testing, demonstrate how our framework integrates with performance testing tools and how it can be used to measure the website's performance under different load conditions.