

Testing Protocol and Methods

Cross-Browser Testing

- Ensure compatibility and functionality across various browsers and devices.
- Manual testing on: Firefox (Windows), Edge (Windows), Chrome (Windows), iPhone Chrome (Mobile)
- Verify layout, functionality, and responsiveness across different browsers and devices.

Integration Testing

- Validate the integration of new features and changes with existing codebase.
- Feature branching: Create separate branches for new features or changes.
- Testing before committing to main: Thoroughly test new features or changes before merging with the main branch.
- Manual testing of integrated features to ensure seamless functionality.

Black-Box Testing

- Identify issues and bugs through exploratory testing.
- Manually explore the website, attempting to break or identify issues.
- Verification of expected behavior and identification of unexpected issues.

Automated Testing with GitHub

- Automate testing and validation of code changes.
- Utilize GitHub Actions for automated testing.
- Create a .yaml file to define automated tests and workflows.
- Integration with GitHub Issues for tracking and resolving identified issues.