**TEST PLAN**

**Project Name**: Variety of Flavour (Prosjekt for Nettstedsdesign)

**Test Plan Title**: Website

**Document Version**: 1.0

**Date Created**: 15.03.2024

**Last** **Updated**: 25.03.2024

**Document** **Owner**: Mehmet Keklik , Volkan Senguller

**Contact** **Information**: [egeizmirlim34@gmail.com](mailto:egeizmirlim34@gmail.com) [wengller@hotmail.com](mailto:wengller@hotmail.com)

**Aspect Description**

|  |  |
| --- | --- |
| User Stories | 1. As a user, I want to find halal food from a fast food shop website so that I can find food that meets my religious sensitivities.  2. As a user, I want to find gluten-free meals from a fast food shop website so that I can meet my dietary needs. |
| Testing Strategy | - The test strategy shall include testing functional and non-functional requirements in accordance with the requirements of the user stories.  - Separate test cases will be created for each of the user stories and will be used to validate the expected behavior of the users. |
| Testing Techniques | - Functional Testing: User interface tests, usability tests  - Non-functional Testing: Performance tests, safety tests |
| Testing Levels | - Unit Tests: To test the correctness of each component in the website.  - Integration Tests: To verify that Halal and gluten-free dishes are correctly listed and displayed in search results.  - System Tests: To verify that the entire website works properly for halal and gluten-free meals. |
| Testing Approach for Non-functional Requirements | -Performance Tests: Load tests will be performed to test the speed of search results and the listing of Halal and gluten-free dishes.  - Security Tests: Security tests will be conducted to check whether the website provides the security measures needed to protect users' personal information. |
| Test Success Criteria | - To verify that users can accurately find halal and gluten-free meals, the search results must be 100% accurate.  - The website's response time needs to be within the acceptable limits set for users to retrieve search results. |
| Test Environment | - Hardware: Computers, servers  - Software: Operating system, web server, browsers  - Data Test data, sample food lists  - Network Infrastructure: Internet connection  - Test Tools: Selenium WebDriver, JMeter |