

Test Plan

We tested the app to guarantee its functionality, user experience and that it performs how it should. It ensures that all features, from ordering and payment processing to user interactions, operate seamlessly. Additionally, thorough testing we aim to evaluate the app's ease of use, identifying and rectifying any user interface issues that could impede navigation or confuse users. This process also assesses the app's performance under varying conditions and across different devices to ensure smooth operation without crashes or slowdowns. Furthermore, during testing, we collect valuable feedback for continuous improvement and development, ensuring that when the code is implemented, it runs smoothly, creating a reliable and trustworthy platform for our food delivery service.

Scope of Testing:

Functionality Testing: Checking all features and functionalities such as account creation, menu browsing, order placement, payment processing and user-feedback mechanisms to ensure we meet the program requirements for the app.

Usability Testing: Evaluating the app's user interface, navigation flow, accessibility, and overall user experience to ensure that customers can easily maneuver the site and prevent confusion.

Performance Testing: Testing the app's responsiveness, load times, and overall performance to ensure it operates optimally before we implement it as a solution.

Objectives of Testing:

To Identify and resolve bugs, software defects, errors, and inconsistencies in the app's functionality, usability, and performance.

To ensure a reliable and Stable app that operates without crashes, freezes, or unexpected behaviors under normal scenarios.

To enhance and improve the user experience by addressing interface issues, ensuring intuitive navigation to make the website clearer and for easier accessibility.

Testing Approach

We used more of a black-box testing approach, examining the systems functionality without going into the code unless necessary to correct an issue, this was done to minimize changes due to time constraints, this approach also focusses on the customers perspective which would show the more important flaws of the system as the customers would be the main users of the app and hence need the greatest focus of efforts. It focuses on testing the system as a whole to ensure it provides the functionalities.

Test Scenarios

1. Tested how a customer would login to ensure that the login page works and is clear enough that customers will enter the correct information and that it is understandable.
2. Tested the menu system to ensure that it displays the correct information about the food offered.
3. Tested the ordering system to ensure that customers can easily place their orders and that the system records the correct order.
4. Tested the Performance system so we can see what the load times look like ensuring the system isn't too slow that it frustrates customers or become overwhelmed.

Test Cases

Acceptance Criteria

For the acceptance criteria we ensured that for each test scenario we:

1. After testing the login, we ensured that customers could know where to login and be able to do so without frustration.
2. Ensure that the customers are able to view the items on sale and that the information about each item is correct.
3. Ensure that the customer can order whatever they want to eat.
4. Tested the performance of the app to ensure that the app can perform under stress.