



Test Plan Document

Role	Name
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Version 1.0

Test Plan – foodpanda (Web Application)

Document Log:

	Name	Designation	Version Number	Date
Created By	Sadia Ashraf	QA Analyst	Ver 1.0	17/4/2024
Reviewed By	Syed Qasim Abbas	Project Manager	Ver 1.1	23/4/2024
Updated	Sadia Ashraf	QA Analyst	Ver 1.1	25/4/2024

1. Introduction:

Overview of Foodpanda (Web Application):

Foodpanda is a food delivery service that connects customers with various restaurants, allowing them to order food online and have it delivered to their doorstep.

Here are the key features of the Foodpanda web application:

✓ **Menu Browsing and Ordering:**

- Users can explore restaurant menus, view available dishes, and customize their orders.
- Items can be added to the cart for easy checkout.

✓ **Convenient Food Delivery:**

- Foodpanda coordinates with restaurants for food preparation.
- Delivery personnel bring the food directly to the user's location.

✓ **Real-Time Order Tracking:**

- Users receive updates on order status and estimated delivery time.
- The web app provides live tracking information.

✓ **Secure Payment Options:**

- Payment methods include credit/debit cards, digital wallets, and cash on delivery.
- Transactions are secure within the app.

✓ **Promotions and Discounts:**

- Foodpanda offers promotions and discount codes.
- Users can apply these during checkout.

✓ **Customer Support and Issue Reporting:**

- The app includes customer support features.
- Users can report bugs and seek assistance.

2. Purpose of this document:

The purpose of this test plan is to define the testing approach for the **Foodpanda (Web Application)**. It provides guidelines for testing activities, resource allocation, and risk management.

3. In Scope (Testing):

Web Application (Front End & Admin)

Here are the modules/features of the Foodpanda web application that we can include in our testing journey:

1. Sign-up (Front End)

2. Home Page (Front End)
3. User Profile (Front End)
4. Order Placement (Front End)
5. Location Setup (Front End & Back End)
6. Payment (Front End & Back End)
7. Delivery Tracking (Front End)
8. Help Center (Front End)
9. Order History (History Log)
10. Admin Dashboard (Back End)
11. Settings (Front End)

4. QA Resource Allocation:

- Sadia Ashraf
- Farah Mir

4.1. QA Backup Resource:

- Khadija

5. Out of Scope:

- Server Deployment
- Third-Party Integrations

6. Testing Types

1. Functional Testing
2. Usability Testing
3. Regression Testing
4. Performance Testing
5. Load Testing
6. Stress Testing
7. Compatibility Testing
8. Localization Testing
9. Accessibility Testing
10. Database Testing
11. UAT (User Acceptance Testing)

7. System Test Entrance/Exit Criteria

7.1 Entrance Criteria

- Unit-test done of all developed code by the respective developer.
- Set up test environment with all required modules deployed on the server.
- Provide all credentials, including test user accounts and access to the database.
- Create test cases for positive and negative scenarios.
- Freeze application code to prevent conflicts during testing.

7.2 Exit Criteria

- Execute all identified test cases covering positive and negative scenarios.
- Fix and verify all high-priority defects, including show-stoppers.
- Ensure no critical defects remain open.
- Prepare a test closure report approved by stakeholders.
- Collect and analyze test metrics such as test coverage and defect density.
- Validate complete functional coverage by testing all requirements and functionalities.
- Successfully execute regression test scenarios after defect fixes.
- Verify new changes do not break existing functionality.
- Obtain final sign-off from stakeholders and business IT personnel.

8. Deployment

On Test, Stage, Production (Will be shared later)

9. Deliverables

9.1 Bug Status Summary

Weekly bug reports and status updates will be provided, as decided by the project manager.

10. Testing Process

✓ Testing

- QA try to find bugs/bugs.

✓ Reporting

- QA tells about any bug found in Azure DevOps.
- QA asks the Project Manager what to do with the bug.

- ✓ Fixing
 - The Developer works on fixing the problem.
 - Once done, the fixed problem is checked again by QA.
- ✓ Verification
 - QA makes sure the problem is really fixed.
- ✓ Closure
 - If the problem is fixed, QA says it's done.
- ✓ Not Fixed
 - If the problem isn't fixed, QA tells the Developer to try again.

11. Error Management & Configuration Management:

- During System Test, any errors discovered will be promptly documented in Azure DevOps, reflecting their detection in the test environment.
- In the event of duplicate bugs, the Project Manager will be responsible for closing them to prevent redundancy and unnecessary effort.
- Validated bugs will be categorized by the Error Review Team based on their severity:
 - ✓ P1: Critical errors with the potential to halt testing of specific functions or cause significant data-related bugs.
 - ✓ P2: Major data-related errors that may impact the implementation process but are not critical.
 - ✓ P3: Minor errors having negligible impact on functionality and posing no hindrance to testing procedures.

12. Bugs, Risks and Assumptions:

12.1 Testing Needs

- Test System for Web Application
- Browsers
- Access to Database

12.2 Bugs/Risks

No further modifications or additions will be incorporated into this release, unless:

- ✓ The Business Representative and Project Manager provide explicit permission and consensus.
- ✓ Changes or inclusions do not impose substantial demands on the test team and do not disrupt the project schedule.

Any significant alterations to the design will necessitate additional time for the creation and adjustment of test conditions, as well as the re-evaluation of testing strategies. This presents a potentially significant challenge.

12.3 Assumptions:

- ✓ The project will be finished on schedule.
- ✓ The project will be good quality, just like we need it to be.
- ✓ We'll have all the stuff we need to do the project.
- ✓ We'll keep all the paperwork updated and give it to the system test team.