TEST PLAN FOR nectar.com

Change Log

Version	Change Date	By
version number	Date of Change	Name of person who made changes
1	20/01/2023	Alexandru Pocovnicu

1   Introduction

This test plan will be describing the testing approach and structure of the project nectar.com.
The project will be finalized between 10/01/2023-31/01/2023, testing will be conducted by Alexandru Pocovnicu, the objective of this project is to ensure a defect free product. To achieve the objective different types of testing will be used: Active Testing, Agile Testing, Ad-hoc Testing, Exploratory Testing, Error Guessing Testing, State transition Testing and others.
Entry criteria: before testing can commence, test requirements and user stories must be available, only after can test cases be written and ultimately executed.
Exit criteria: 100% of test cases have been executed, all expected and actual results are recorded and documented in the test runs, all defects are logged.
Agile methodology will be used in order to be able to make changes in the project at any time to comply with the requirements and minimize risks.

Scope

1.1.1 In Scope

The project nectar.com focuses on testing on different devices the 'Account' and 'Welcome' pages display, ACTIVITY button on the HOMEPAGE, The 'brand/search' field from the HOMEPAGE, The SAVED button on the HOMEPAGE, The 'My Nectar Prices' button on the HOMEPAGE, The 'Log out' button from the ACCOUNT page, The PLAYBACK chart from YOUR 2022 PLAYBACK

1.1.2 Out of Scope

No non-functional tests are in the scope of the nectar.com project, nor how the system integrates with other external systems tests will be performed.

1.2   Quality Objective

●   Ensure the Application Under Test conforms to functional requirements.
●   Ensure the AUT meets the quality specifications defined by the client.
●   Bugs/issues are identified and fixed before going live.
●   Build confidence in the quality of AUT.
●   Make sure that the AUT meets industry standards

1.3   Roles and Responsibilities

Detail description of the Roles and responsibilities of different team members

- QA Analyst: Dorin Matei
- Test Manager: Ana-Maria Ionescu
- Configuration Manager: Claudiu Balcu
- Developers: Daniela Arvinti, Mario Majer
- Installation Team: Gorgiana Redenstein, Mariana Dudau

Amongst others

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2 Test Methodology

2.1 Overview

The test methodology used is Agile, so that every release of the project is tested thoroughly. This ensures that any bugs in the system are fixed before the next release.
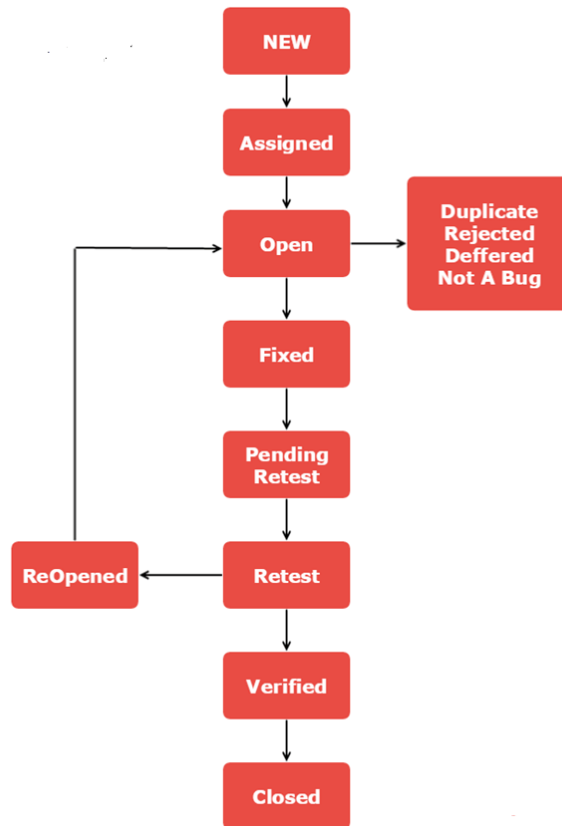
2.2 Test Levels

Integration Testing, System Testing

2.3 Bug Triage

The goal of the triage is to

- To define the type of resolution for each bug
- To prioritize bugs based on their severity and determine a schedule for all "To Be Fixed Bugs'.
- Make changes as needed.
- Finalize resolution of the defects.
- Assign resources.
- Reduce the number of duplicate defects

- Bug Life Cycle

NEW

Assigned

Open → Duplicate Rejected Deffered Not A Bug

Fixed

Pending Retest

ReOpened ← Retest

Verified

Closed

3 Test Deliverables

Test Planning:
Test Plan: outlines the scope, objectives, resources, and schedule for testing.
Test Strategy: describes the overall approach to testing, including the types of testing to be performed, the testing tools to be used, and the roles and responsibilities of the testing team.

Test Design:
Test Cases: the steps and expected results of a test.
Test Data: the data used to test the system under test.
Test Scripts: instructions to perform a test.

Test Execution:
Test Results: A document that summarizes the outcome of the tests, including the number of tests passed, failed, and blocked, and any defects that were found.

Test Metrics: A document that provides quantitative information about the testing process, such as the number of test cases executed, the number of defects found, and the number of test cases passed.
Test Logs: A document that records the details of the testing process, including the date, time, and outcome of each test.

   Test Closure:
Final Test Report: A document that summarizes the testing process and the results of the tests. It is used to communicate the status of the testing to stakeholders.
Defect Report: A document that describes the defects that were found during testing and the steps that were taken to resolve them.

4 Resource & Environment Needs

4.1 Testing Tools

● Requirements Tracking Tool: Jira https://qwe123poi.atlassian.net/jira/your-work.
● Bug Tracking Tool: Jira https://qwe123poi.atlassian.net/jira/your-work
● Screenshot tool: Snipping tool
● Documentation tool: Confluence https://qwe123poi.atlassian.net/wiki/home
● Test case writing and execution: Testcaselab https://itschool.testcaselab.com/projects
● Story points estimation tool: Planning poker
https://planningpokeronline.com/TZE11HIKTDfkbi0HQWIq
● Site mapping tool: VisualSitemaps https://visualsitemaps.com/
● Microsoft Office
● Google Chrome Version 108.0.5359.126 (Official Build) (64-bit)
● Chrome developer's tools

4.2 Test Environment

Test environment: Production
Hardware used specifications:
Device name   LAPTOP-20NPSQ8R
Processor   Intel(R) Core(TM) i5-1035G1 CPU @ 1.00GHz   1.20 GHz
Installed RAM   8.00 GB (7.74 GB usable)
Device ID   694603BB-1CB2-4881-99E8-99C3BE25968A
Product ID   00342-20772-78616-AAOEM
System type   64-bit operating system, x64-based processor
Pen and touch   No pen or touch input is available for this display

Following **software is** required in addition to client-specific software.

- Edition   Windows 11 Home
- Version   21H2
- Installed on 29/05/2022
- OS build   22000.1455
- Experience Windows Feature Experience Pack 1000.22000.1455.0
- Office 2013 and above

- Microsoft Office

5   Terms/Acronyms

Make a mention of any terms or acronyms used in the project.

TERM/ACRONYM	DEFINITION
API	Application Program Interface
AUT	Application Under Testing