TEST PLAN
Project name: Apple.com
Link: https://www.apple.com

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TEST PLAN

1. Introduction

1.1 Introduction

This test plan is designed in such a way that the client can log into his account without errors and change his account data, as well as checking the health of the pages and their modules

Also, this test plan includes manual positive, negative and automatic positive and negative testing

This document describes the approaches and methodologies that will be applied to modular, integration and system testing https://www.apple.com. This document will describe: type of testing, entry and exit criteria, resources and approach.

1.2 Scale

This document is mainly intended for functional testing and validation of the data in the report output according to the requirements specifications provided by the client.
This document describes approaches and methodologies that will apply to the unit, integration and system testing of the https://www.apple.com. This document will describe: type of testing, entry and exit criteria, resource and approach.

2. Scope

This document mainly targets for functional testing and validating data in report output as per requirements specifications provided by Client.

3. Quality objectives

3.1 Primary Objectives

A primary objective of testing is to: assure that the system meets the full requirements, including quality requirements (functional and non-functional requirements) and fit metrics for each quality requirement and satisfies the use case scenarios and maintain the quality of the product.

3.2 Secondary Objectives

The secondary objectives of testing will be to: identify and expose all issues and associated risks, communicate all known issues to the project team, and ensure that all issues are addressed in an appropriate manner before release.

4. Roles and responsibilities

Project Manager – Tim Cook

Responsibilities:

1. Acts as a primary contact for development and QA team.
2. Responsible for Project schedule and the overall success of the project.

QA: Artur Khudaverdiev

Responsibilities:

1. Understand requirements.
2. Writing and executing Test cases.
3. Preparing RTM.
4. Reviewing Test cases, RTM.
5. Defect reporting and tracking.
6. Retesting and regression testing.
7. Bug Review meeting.
8. Preparation of Test Data.
9. Coordinate with QA Lead for any issues or problems encountered during test preparation/execution/defect handling.

5. Entry and exit criteria

5.1 Entry Criteria

● All test hardware platforms must have been successfully installed, configured, and functioning properly.
● All the necessary documentation, design, and requirements information should be available that will allow testers to operate the system and judge the correct behavior.
● All the standard software tools including the testing tools must have been successfully installed and functioning properly.
● Proper test data is available.
● The test environment such as, lab, hardware, software, and system administration support should be ready.
● QA resources have completely understood the requirements.
● QA resources have sound knowledge of functionality.
● Reviewed test scenarios, test cases and RTM.

5.2 Exit Criteria

● A certain level of requirements coverage has been achieved.
● No high priority or severe bugs are left outstanding.
● All high-risk areas have been fully tested, with only minor residual risks left outstanding.
● Cost – when the budget has been spent.
● The schedule has been achieved.

6. Test strategy

6.1 QA role in test process:

● Understanding Requirements.
● Requirement specifications will be sent by client.
● Understanding of requirements will be done by QA.
● Suggestions or improvements will be re-worked by the author and will be sent for approval.
● Re-worked improvements will be reviewed and approved by the reviewer.

6.2 Bug life cycle:

All the issues found while testing will be logged into JIRA.

6.3 Testing types

Exploratory testing - will include a type of software testing where Test cases are not created in advance but QA check system on the fly. QA may note down ideas about what to test before test execution.

Positive testing - will include the type of testing that can be performed on the system by providing the valid data as input. It checks whether an application behaves as expected with positive inputs.

Negative testing - includes is a method of testing an application or system that ensures that the plot of the application is according to the requirements and can handle the unwanted input and user behavior. Invalid data is inserted to compare the output against the given input

ADHOC testing - will include an informal testing type with an aim to break the system.

Alpha testing - conducted at the developer's site by client.

7. Resource and environment needs

7.1 Testing Tools

Test case creation: Microsoft Word, Microsoft Excel, JIRA
Test case tracking: JIRA, Confluence
Test case execution: Manual, Automation
Test case management: Microsoft Excel, JIRA, Confluence
Defect management: Microsoft Word, JIRA, Confluence
Test reporting: JIRA
Check list creating: Microsoft Excel, JIRA

7.2 Test Environment (browsers):

● **Windows 10:** Edge, Chrome (latest), Firefox (latest)

APPROVALS:

Project Manager: Tim Cook Signature: