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# Test Plan

## <<Amazon>>

### Abstract

This document provides an overview of the project and the product test strategy, a list of testing deliverables and plan for development.

Joel P. Bagoyo

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## Version History

Version #	Written by	Revision Date	Approved By	Approval Date	Outline
1.0	Joel P. Bagoyo (Overall QA Tester/Test Manager)	April 18, 2023	Karen Marie Igcasan (Test Project Evaluator)	April 18, 2023	Created Test Plan

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## INTRODUCTION

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the website: Amazon.com.

The plan identifies the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

## 1. TEST STRATEGY

### 1.1 Test Type

In testing the Amazon Website, there will be 1 type of test with 2 subtypes.

Functionality Testing:

Testing the main functionalities of the website and their intended outputs.

Consists of:

- Manual Testing.
- Automated Testing using UIVision RPA.

### 1.2 Scope of Testing

#### 1.2.1 Features to be tested

*Functionality Testing:*

Module Name	Applicable Roles	Description
Cart	Customer	Customer: A customer has one cart and can add, remove, adjust quantities of any available product.
User Registration	Customer	Customer: A customer can register an account with valid information and receives errors if invalid information was used.
User Sign In	Customer	Customer: A customer can log in using their registered account credentials. Customer can receive errors when invalid input has been entered.
Product	Customer	Customer: A customer can view all necessary

Details		product details. Product details are displayed in a readable manner.
Catalogue	Customer	Customer: A customer can see all available products based on their selected catalogues/categories.
Search	Customer	Customer: A customer can find relevant products based on their search term submitted.

### 1.2.2 Features not to be tested

- Security: As the testing team doesn't have specialized skills and resources, security testing won't be conducted for this project.
- Database validation/verification (Greybox testing): As the testing team doesn't have access to the Amazon database, this type of testing won't be performed.
- Performance testing: Due to time constraints and limited training, performance testing won't be carried out in this project.

## 1.3 Risk and Issues

Risk	Mitigation
Tight Project schedule; Not submitting all test receivables on time	Focus on minimum requirements. Complete extra miles once minimum requirements are met.
Wrong time estimate per project phase.	Establish timeline beforehand. Overestimate time required.

## 1.4 Test Logistics

### 1.4.1 Who will test?

The testing will be done by QA-Detective: Joel P. Bagoyo

### 1.4.2 When will test occur?

The tester will start the test execution when all the following inputs are ready

- Website is available for testing.
- Test Specification is created.
- Test Environment is ready.

## 2 TEST OBJECTIVE

The test objectives are to test the various features of the website Amazon.com. Focusing on main functionalities such as user account registration, user sign-in, carts and product details.

## 3 TEST CRITERIA

### 3.1 Suspension Criteria

If the QA Tester reports that there are 40% of test cases failed, the details will be outlined in the test report.

### 3.2 Exit Criteria

Specifies the criteria that denote a successful completion of a test phase.

- Run rate is mandatory to be 100% unless a clear reason is given.
- Pass rate is 80%, achieving the pass rate is mandatory.

## 4 RESOURCE PLANNING

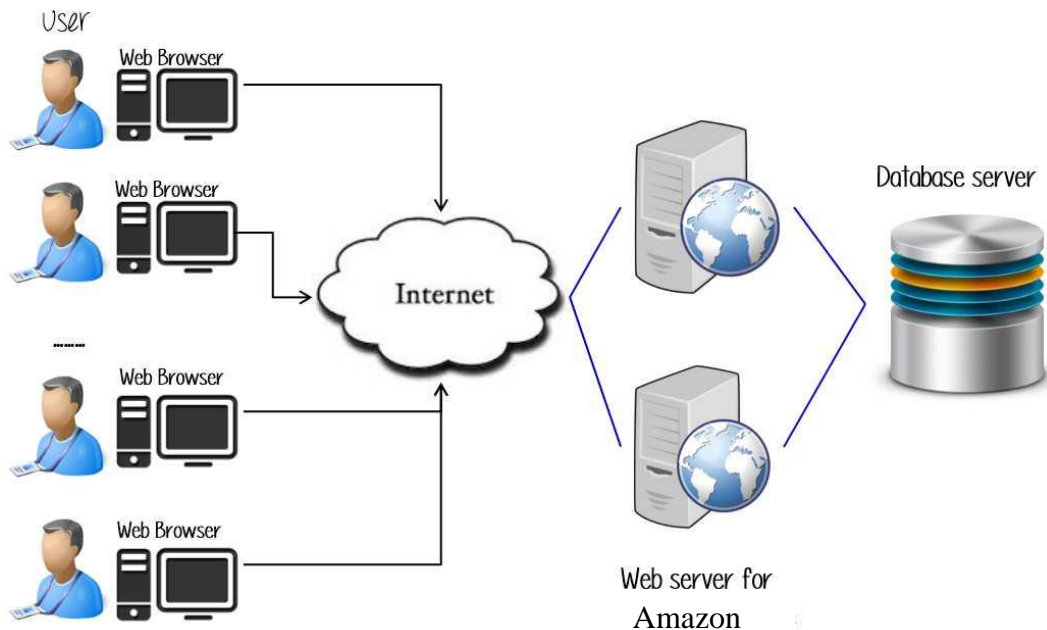
### 4.1 System Resource

No	Resources	Description
1	Test Tools	<ul style="list-style-type: none"><li>- UI Vision RPA.</li><li>- Chrome Browser.</li></ul>
2	Network	Have a working network connection with a speed of at least 5 Mbps.
3	Computer	1 Computer with Windows 10

## 4.2 Human Resource

No	Member	Tasks
1	QA tester/ Overall Test Manager	Manage the whole project. Define project directions. Acquire appropriate resources. Identifying and describing appropriate test techniques/tools/automation architecture Verify and assess the Test Approach Execute the tests, Log results, Report the defects.

## 5 TEST ENVIRONMENT



## 6 SCHEDULE & ESTIMATION

### 6.1 Project Tasks & Estimation

Task	Description	Members	Estimate Effort
Test Planning	Develop a comprehensive test plan that covers all aspects of the system, including outlining limitations of the testing project and project schedule.	QA Tester	6 man-hours
Test Case Design and Execution	Create detailed test cases and test scripts and execute said scripts		40 man-hours
Test Reporting	Compile and document the test results, including any defects and their resolution, and communicate the results to the project stakeholders.		6 man-hours
Total			52 man-hours

### 6.2 Project Schedule

Project Schedule								
Tasks	April							
	17	18	19	20	21	22	23	24
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
Test Planning								
Test Case Design and Execution								
Test Reporting								

Capstone  
Deadline



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## **7 TEST DELIVERABLES**

Test deliverables are provided as below:

### **7.1 Before Testing Phase**

- Test plans document.

### **7.2 During The Testing**

- Test Tool
- Simulators
- Test Data

### **7.3 After The Testing**

- Test Report
- Video Demo running tests
- Other notable resources required.