
Group3

TechStore
<Iteration/ Master> Test Plan

Version 1.0

| | |
|-------------------------------|------------------|
| TechStore | Version: 1.0 |
| <Iteration/ Master> Test Plan | Date: 24/Jul//22 |
| <document identifier> | |

Revision History

| Date | Version | Description | Author |
|-----------|---------|-----------------------------------------------------|-----------------------|
| 24/Jul/22 | 1.0 | Planing to use software and divide tasks for coding | All member of group 3 |
| | | | |
| | | | |
| | | | |

| | |
|-------------------------------|------------------|
| TechStore | Version: 1.0 |
| <Iteration/ Master> Test Plan | Date: 24/Jul//22 |
| <document identifier> | |

Table of Contents

| | | |
|-----|------------------------------------------------|---|
| 1. | Introduction | 4 |
| 1.1 | Purpose | 4 |
| 2. | Target Test Items | 4 |
| 3. | Environmental Needs | 4 |
| 3.1 | Hardware Requirements | 4 |
| 3.2 | Software in the Test Environment | 4 |
| 3.3 | Productivity and Support Tools | 4 |
| 4. | Responsibilities, Staffing, and Training Needs | 4 |
| 4.1 | People and Roles | 4 |

| | |
|-------------------------------|------------------|
| TechStore | Version: 1.0 |
| <Iteration/ Master> Test Plan | Date: 24/Jul//22 |
| <document identifier> | |

<Iteration/ Master> Test Plan

1. Introduction

1.1 Purpose

The goal of this document is to visualize the test plan of the project and also in this document we can find the goals set by the project in terms of human resources or necessary software and hardware. during testing.

This document describes the architectural prototype test plan of the TechStore website. This Test Plan document supports the following objectives:

- Identify existing project information and software to be tested.
- Lists recommended (high level) testing requirements.
- Propose and describe testing strategies to be used.
- Identify resources needed and provide estimates of test efforts.
- List possible elements of test activities.

2. Target Test Items

- List software items for testing:
 1. Login
 2. Sign up
 3. Search
 4. Order Product
 5. Checkout Payment
 6. Sort
- Areas to test of this project: functional testing, usability testing

3. Environmental Needs

3.1 Hardware Requirements

- To test TechStore's website we need: laptop
- Laptops of all brands can run well, but at here we use Apple laptops: Macbook Pro 2020
Version 12.0.1, 13.3 inch, chip i5

3.2 Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

| Software Name | Purpose | Version | Type and Other Notes |
|---------------|---------------------------------------|----------------|----------------------|
| Min | Test the project in a simple browser | 1.25.1 | Internet Browser |
| Chrome | Test the project in a popular browser | 103.0.5060.134 | Internet Browser |
| Brave | Test the project in a secure browser | 1.41.100 | Internet Browser |
| Safari | Test the project in a macOS browser | 15.1 | Internet Browser |

| | |
|-------------------------------|-----------------|
| TechStore | Version: 1.0 |
| <Iteration/ Master> Test Plan | Date: 24/Jul/22 |
| <document identifier> | |

3.3 Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*

| Tool Category or Type | Tool Brand Name | Vendor or In-house | Version |
|-----------------------|-----------------|--------------------|---------|
| Defect Tracking | MS Excel 2021 | MS | 2021 |
| Write Test Plan | MS Word 2021 | MS | 2021 |

4. Responsibilities, Staffing, and Training Needs

4.1 People and Roles

This table shows the staffing assumptions for the test effort.

| Human Resources | | |
|---------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Role | Minimum Resources Recommended (number of full-time roles allocated) | Specific Responsibilities or Comments |
| Test Manager | Nguyen Thai Hiep | Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> • planning and logistics • agree mission • identify motivators • acquire appropriate resources • present management reporting • advocate the interests of test • evaluate effectiveness of test effort |
| Tester | All member of team 3 | Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> • implement tests and test suites • execute test suites • log results • analyze and recover from test failures • document incidents |
| Test System Administrator | All member of team 3 | Ensures the test environment and assets are managed and maintained. Responsibilities include: <ul style="list-style-type: none"> • administer test management system |

| | |
|-------------------------------|------------------|
| TechStore | Version: 1.0 |
| <Iteration/ Master> Test Plan | Date: 24/Jul//22 |
| <document identifier> | |

| Human Resources | | |
|-----------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Role | Minimum Resources Recommended (number of full-time roles allocated) | Specific Responsibilities or Comments |
| | | <ul style="list-style-type: none"> install and support access to, and recovery of, test environment configurations and test labs |