PROJECT DOCUMENTATION

**PROJECT QUALITY PLAN**

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| --- | --- |
| **Project:** | **E Commerce Web Application for Omantha Tire House** |
| Release: |  |
| Date: |  |
|  |  |
| **PRINCE2** |  |
|  |  |
| Author: | Keshara Dissanayake (Quality Manager) |
| Owner: | Omantha Tire House |
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| Document Ref: | Project Quality Plan |
| Version No: | V 1.0 |

# 1 Project Quality Plan History

## 1.1 Document Location

This document is only valid on the day it was printed.

The source of the document will be found on the project's PC in location

## 1.2 Revision History

**Date of this revision:**

**Date of Next revision:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision date** | **Previous revision date** | **Summary of Changes** | **Changes marked** |
|  |  | First issue |  |

## 1.3 Approvals

This document requires the following approvals.

Signed approval forms are filed in the Management section of the project files.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Signature** | **Title** | **Date of Issue** | **Version** |
| Dr.Yasas Jayaweera |  | Project Executive |  | 1.0 |

## 1.4 Distribution

This document has been distributed to:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Date of Issue** | **Version** |
| Sachith Wijesiriwardhana | Start-up Manager |  | 1.0 |
| Vinod Sahan Nawarathna | Project Manager |  | 1.0 |
| Keshara Dissanayake | Quality Manager |  | 1.0 |
| Malith Edirisinghe | Risk Manager |  | 1.0 |
| Rivi Thushara | Scheduling Manage |  | 1.0 |

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# Project Quality Plan

## 3 Purpose

The Project Quality Plan is part of the Project Initiation Document (PID). This document’s objective is to specify the quality procedures and standards necessary to guarantee that the finalized software product satisfies established standards for quality. This describes the procedures that team members must follow to keep the product’s quality at a high level. The document describes the customers quality requirements, quality responsibilities, how quality control will test the product, how to allocate configuration management activities, and which tools we will use to ensure quality.

## 4 Customer’s Quality Expectations

* **Performance:** The web application should be able to perform each function without any lags and should load quickly.
* **Security:** To prevent wasteful involvements and problems, the online application must have sufficient security.
* **Durability:** There should be no interruptions to any of the functionalities. It is expected that the hosting service would have greater uptime and uninterrupted database access.
* **Reliability:** The web application’s performance must be stable.

## 5 Acceptance Criteria

* The project must be finished in the given timeframe.
* All the features that the client has requested should be used and perform as expected.
* Product must meet the required security standards.

## 6 Quality Responsibilities

[Define the roles and names those responsible for ensuring that all quality aspects of the project are set up and managed. Defined areas of quality should be allocated to appropriate functions, groups or individuals both within and external to the project]

## 7 Applicable Standards

A web template will be used for the website to give it a professional appearance, and the quality level will be increased in accordance with PRINCE2. Making changes to the template is equally simple.

## 8 Quality Control and Audit Processes

To make sure that all of the capabilities are operating correctly, testing techniques can be used. Test cases can be used to verify that the features are valid. Since it acts as a link between client and customers, GUI testing is critical.

## 9 Specialist Work Quality Control and Audit Processes

[State any particular requirements that may be applicable to third party suppliers, e.g. how the contracted work will be subjected to project control. Indicate any particular lines of communication and specify method of progress reporting]

## 10 Change Management Procedures

[Document the method by which Change Management will operate. Make reference to any existing Change Management Procedures and confirm that they are compatible with the PRINCE2 technique of Change Control. Include any individual or group responsibilities]

## 11 Configuration Management Plan

[Allocate responsibilities for Configuration Management to appropriate functions, groups or individuals. Include any interfaces with existing Configuration Management systems and list those products that will come under Configuration Management Control]

## 12 Quality Tools

* Selenium
* PHP Unit

We tested the overall quality and performance of our system using the Selenium tool and PHP Unit. It determines if they are responsive, progressive or consistent.