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**ProChicken**

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**<ProChicken>  
<Master> Test Plan  
Version <1.1>**

ProChicken Fitness	Version: <1.1>
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## Revision History

Date	Version	Description	Author
<19/12/23>	<1.0>	Initial release of the test plan.	NTĐạt
<20/12/23>	<1.1>	Add section 3.Environment Needs, 4.Responsibilities and section Staffing, and Training Needs	NTĐạt, LMĐức

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# <Master> Test Plan

## 1. Introduction

### 1.1 Purpose

The primary objectives of this test plan document are to define the testing strategy, approach, and activities to ensure the systematic and thorough testing of a software system. It aims to provide a comprehensive outline of the testing process, criteria for testing success, and resources required for successful execution.

### 1.2 Scope

This document outlines the overall test strategy, scope, and resources for testing a specific software system or application. It details the testing activities to be performed, the features to be tested, and the criteria for evaluating the success of the testing process.

### 1.3 Users

This document is intended for various stakeholders involved in the software development and testing process. This includes but is not limited to:

- **Project Managers:** To understand the testing approach and allocate resources effectively.
- **Developers:** To gain insights into the testing process and understand their roles in resolving identified issues.
- **Testers:** To follow the defined test cases, scenarios, and procedures during the testing phase.
- **Quality Assurance (QA) Team:** To oversee the testing process and ensure that it aligns with quality standards.
- **Clients/Stakeholders:** To have an overview of the testing strategy and activities to ensure that the product meets the specified requirements.

### 1.4 Key Features

1. Introduction
2. Target Test Items
3. Environmental
4. Responsibilities, Staffing, and Training Needs

## 2. Target Test Items

1. Register (Functional, UI)
2. Calendar (Functional)
3. Personal Information (Functional, UI)
4. Home Page (Functional, UI)

## 3. Environmental Needs

### 3.1 Hardware Requirements

#### Test Server:

CPU: minimum quad-core processor.

RAM: minimum 2 GB of memory.

Storage: SSD 30GB.

Network: minimum of 1 Gbps dedicated bandwidth, allow incoming traffic on ports 80 (HTTP) and 443 (HTTPS).

#### Test Client:

CPU: minimum quad-core processor.

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RAM: minimum 2 GB of memory.

Screen Resolution: up to 1920 x 1200.

#### Database Server:

CPU: minimum quad-core processor.

RAM: minimum 2GB.

### 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
Microsoft Edge	Enables users to view web pages, navigate between them, and interact with the content.	120.0.2210.91	Internet Browser
Google Chrome	Enables users to view web pages, navigate between them, and interact with the content.	121.0.6167.16	Internet Browser
Windows 10 Home, 64bit	Provide Microsoft Edge	22H2	Operating System

### 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
Test management	MS Excel 2021	MS	2021
File management	Google Drive	Google	84.0
Automation test	Katalon Studio	Katalon	9.1.0

## 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

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Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Test Manager	1	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> <li>• planning and logistics</li> <li>• agree mission</li> <li>• identify motivators</li> <li>• acquire appropriate resources</li> <li>• present management reporting</li> <li>• advocate the interests of test</li> <li>• evaluate effectiveness of test effort</li> </ul>
Tester	2	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> <li>• implement tests and test suites</li> <li>• execute test suites</li> <li>• log results</li> <li>• analyse and recover from test failures</li> <li>• document incidents</li> </ul>
Test System Administrator	1	Ensures test environment and assets are managed and maintained. Responsibilities include: <ul style="list-style-type: none"> <li>• administer test management system</li> <li>• install and support access to, and recovery of, test environment configurations and test labs</li> </ul>