TEST PLAN

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1. Introduction

1.1 Purpose

The Test Strategy document is used to define types of testing, levels of testing and to record the approach that will be used for the various types of testing of the system. This document outlines the approach to be used to ensure that the critical functionalities, both new and existing, of the system are tested at the appropriate level.

The Test Strategy document will also define the scope of testing to enable the development of test conditions, test cases, automation and estimates.

The Test Strategy document serves as a communication vehicle to identify any testing issues as early as possible in the project lifecycle.

1.2 Target Audience

Business Unit(BU) SME

Academy Coach

Technical Trainer

2. System Description

Practo is the world's leading healthcare platform that connects millions of patients with hundreds of thousands of healthcare providers around the world and helps people make better healthcare decisions. Practo provides a singular platform that helps consumers with all their healthcare requirements – from finding the healthcare provider to booking an appointment, online doctor consultation, getting their tests done and even ordering medicines. Practo also makes software products that help healthcare providers ranging from clinics to hospitals digitise and deliver more efficient and higher quality healthcare to millions of patients around the world every day.

3. Test Deliverables

Project Phase	Deliverables
Test Planning	· Test Strategy Document
Test Analysis & Design	· Test Conditions · Test Cases · Test Data · Test Environment · Automated Test Scripts
Test Execution	· Test Logs
Test Completion	· Test Summary Report

4. Test Types

The following are the types of Testing used in the Web Development courses

1. Smoke Testing
2. Regression Testing
3. Automation Testing

5.Multibrowser Testing

Based on the requirements for the application the testing is done on three browsers to ensure the working of the application in multiple browsers. The three browsers used for testing are Chrome, Firefox and Microsoft Edge.

6. Test Data

Test data for the application is provided from excel file. The test data are stored in the excel file and provided during run time. Data driven library creation is done using Apache POI and Properties file is used to keep the URL and Browser.

7. Resources Required

7.1 Hardware

- PC
- Laptop

7.2 Software

- Windows 7 and above
- Chrome 60 and above
- Firefox 60 and above
- Edge 89
- MS Excel
- Selenium
- Apache POI
- TestNG
- Maven
- Jenkins
- Selenium Grid
- GitHub