TEST PLAN FOR

QA Practical Challenge

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ChangeLog

Version	Change Date	By	Description
version number	Date of Change	Name of person who made changes	Description of the changes made
2	13/11/20	Michael Winton	Changes were made from the template accessed from https://www.guru99.com/test-plan-for-project.html to fit the QA Practical Challenge submission

1 Introduction

1.1 Scope

1.1.1 In Scope

Scope defines the features, functional or non-functional requirements of the software that **will be** tested
- Fault injection
- Positive and negative automated tests for the Login page
- Positive and negative automated tests for the Set Up Pin page
- Positive and negative automated tests for the Unlock page
- Manual tests covering scenarios of sending messages to an existing conversation

1.1.2 Out of Scope

- Security tests for attacks such as SQL Injection
- UI style tests
- Tests for pages

1.2 Quality Objective

Ensure the fuctionality of the login, locking and conversations pages in Celo's staging app (Accessable at https://stagingapp.celohealth.com/).

1.3 Roles and Responsibilities

QA Analyst- Michael Winton: Creating the test plan, writing manual tests and then translating as many of the manual tests into automated tests using Java and Selenium.

2 Test Methodology

2.1 Overview

The test methodology used for this project is an agile one. The main reason for choosing this was to enable flexibility and changing requirements.

2.2 Test Levels

Test Levels define the Types of Testing to be executed on the Application Under Test (AUT). The
Testing Levels primarily depends on the scope of the project, time and budget constraints.

2.3 Bug Triage

The goal of the triage is to

- To define the type of resolution for each bug
- To prioritize bugs and determine a schedule for all "To Be Fixed Bugs'.

2.4 Suspension Criteria and Resumption Requirements

Deadline 14/11/2020 is when all testing will be suspended indefinitely.

2.5 Test Completeness

- 100% test coverage
- All Manual & Automated Test cases executed
- All open bugs are fixed or will be fixed in next release

3 Test Deliverables

- Test Plan
- Test Cases
- Test Strategy

4 Resource & Environment Needs

4.1 Testing Tools

Make a list of Tools like
- Java JDK 15.01 and above
- Eclipse
- Junit4
- selenium-java-3.141.59

- selenium chrome driver executable

4.2 Test Environment

- Windows 10 and above

5 Terms/Acronyms

Make a mention of any terms or acronyms used in the project

TERM/ACRONYM	DEFINITION
API	Application Program Interface
AUT	Application Under Test