

Test Plan

SERVUS

ChangeLog

Version	Change Date	By	Description
v0.00	2021/02/24	Andy	Create an initial test plan.

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1 Introduction

Brief introduction of the test strategies, process, workflow and methodologies used for the project

1.1 Scope

1.1.1 In-Scope

Features that will be tested in SERVUS:

Creation and deletion of database items;

- Creating, deleting, and customizing services.
- Booking appointments and cancelling existing appointments.

Querying database items given specifications;

- Fetching nearby services.
- Fetching calendar availability for services.

1.1.2 Out-of-Scope

Features that will not be tested in SERVUS:

- Google Maps functionality
- Material UI components

1.2 Quality Objective

- Identify all defects and bugs and fix them before release
- Conform the Application Under Test (AUT) to all specified requirements
- Ensure the AUT meets the quality specifications defined by the client

1.3 Roles and Responsibilities

Name	Net ID	GitHub username	Role
Risto Zimbakov	zimbakov	rikizimbakov	Full Stack Developer
Andy Tan	tana	andy-tan7	Project Manager
Arvind Maan	maana3	arvind-maan	System Architect
Caden Chabot	chabotc	cadenchabot	Full Stack Developer

2 Test Methodology

2.1 Overview

The methodology selected depends on multiple factors. You can read about Test Methodology [here](#)

We are using **continuous integration** tests as of Sprint 2.

2.2 Test Levels

We are using continuous integration with the Application Under Test (AUT). We will be creating unit tests in the next sprints.

2.3 Test Completeness

The following criteria will be used to check Test Completeness:

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

3 Test Deliverables

-
- Test Plan
 - Test Cases
 - Requirement Traceability Matrix
 - Bug Reports
-

4 Resource & Environment Needs

4.1 Testing Tools

Make a list of Tools like

- Requirements Tracking Tool
- Bug Tracking Tool
- Automation Tools

4.2 Test Environment

- Continuous integration tests are done on GitHub when a pull request is made. No specific hardware or software is required on a developer's machine for these tests.

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