|  |
| --- |
| [Team 25] |
| < SLO Wayfinding >  Test Plan |
| [Student Life Office] |
|  |
| **Nate Chiang**  **Castiel Li**  **Ron Tran**  **Quincy Lam** |
|  |

**Table of Contents**

[1. Document Version 3](#_Toc431080504)

[2. Introduction 3](#_Toc431080505)

[2.1. Purpose 3](#_Toc431080506)

[2.2. Team contact information 3](#_Toc431080507)

[2.3. Description 3](#_Toc431080508)

[3. Test Plan 3](#_Toc431080509)

[3.1. Overview 3](#_Toc431080510)

[3.2. Deliverables 3](#_Toc431080511)

[3.3. Resources 3](#_Toc431080512)

[3.4. Approach 3](#_Toc431080513)

[4. Test Cases 3](#_Toc431080514)

# Document Version

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Description** | **Date** | **Author(s)** |
| **1** | Created | 30/09/2017 | Castiel Li |

# Introduction

## Purpose

We decided to create a single page web application to solve the problem. We will use the category icons that provided by SLO as our main page. When a user clicks on them, all the services that are part of the category will be displayed. When the user clicks on one of those services, it will display some basic information (brief description, operation time, location, website and a student video that provided by SLO office. There will be also a search bar where students can search for the service they were looking for. Our intent is to give student a shortcut/gateway to access the services they need; therefore, we will contain our page within three clicks.

## Team contact information

TEAM 25

Supervisor: Donna Turner

|  |  |  |
| --- | --- | --- |
| Member Name | Email address | Phone |
| Castiel Li (Project Manager) | castiel.andrew@gmail.com |  |
| Quincy Lam | [quincylam@hotmail.com](mailto:quincylam@hotmail.com) | 604-319-8830 |
| Nate Chiang | [chonjou@gmail.com](mailto:chonjou@gmail.com) | 604-704-5442 |
| Ron Tran | [ronnotran97@gmail.com](mailto:ronnotran97@gmail.com) | 604-441-3645 |
| Donna Turner (Supervisor) | dturner80@bcit.ca |  |

## Description

* A web application that presents all BCIT Student Services currently provided for student who is unfamiliar about those services. In the meeting, we were told that many BCIT students did not access all the services they needed. One of the reason is because the current BCIT website split those services into many sub sessions. This is great for presenting detailed information to students, however, it also makes access overall information about all the service difficult.
* The BCIT Student Life Office (SLO) wants to make this web application to raise student’s awareness about BCIT Student Services. Also, with part-time students and new students, who cannot make it on orientation day, they can use this app to get information about all of services that are available in BCIT.
* The web application will be very simple and easy to use. User will be able to access all basic information regarding the services. (Operation hours, contact information, location etc) In addition, if student would like to learn more detail of those service, we will provide the link from BCIT website for them to visit.

# Test Plan

## Overview

The web application contains many information about services provided by BCIT. Some of the feature includes search bar, transition between panels, external links, video playing etc. They will be tested mainly by black testing method since the bug would most likely happen during runtime. Every element of the project would be tested as soon as they are being completed. We will assign tester for different test cases, usually the test would be done by someone who did not write the element. Since the tester did not write the code, he would do anything they want which is similar as user testing. The standards for all the elements is that it does not crash and it have fast responding time.

## Deliverables

The detail of each test case including test time, test element, pass/fail, tester etc will be provided in Test Cases document for team, client and supervisor to review.

## Resources

We will need multiple browser, multiple cellphone devices, some contents(image, video, icon etc) from SLO.

## Approach

We will test our product from following categories:

* The loading speeds
* The connection between Json document to our website
* The usability of the product
  + How easy is it to use?
  + How long does it takes to learn?
* The smoothness of the switch between different panels
* Different windows size
  + Full screen
  + Half screen
  + Mobile etc

# Test Cases

The following main test case is some example for the approach I’ve list above:

* Set up a timer when open the web application. Record the time took for the whole application to load, which section took the longest, etc
* Keep changing the content in Json file and see if the content on website changed according the changes in Json document
* Give the beta version of web application to student guides and ask them for feedback
* Keep switch between panels and see if it causes glitter
* Keep resize the browser on with different panel and check how the web application presents itself