Connor Petford (Student)

Connor.petford@techtorium.ac.nz

Visitor Registration Application Test Plan

28/02/2023

For the manual testing of Visitor Registration Application

**Introduction**

We have implemented an application designed to operate at reception where visitors are able to sign in to attend scheduled meetings with the company more efficiently. We will build this application using C# in Microsoft Visual Studio. The purpose of this test plan is to ensure that our software is up to standard, by manually testing and maintaining our system with the help of three testing methodologies mentioned below.

**Approach**

In manual testing, we will be testing each field and their validation prompts, and the sign in and meeting aim buttons to ensure that they are functioning. We will do this by recording each field and whether their prompts appear when entered incorrectly/not entered at all. This approach allows us as developers to directly see to it that our software is performing the way we desire it to, and that visitors won’t experience any issues when operating our application to sign in.

**Schedule**

We have scheduled to test our application on the 28th of February 2023. The testing will take place from 11.00am to 12.00pm, performed by Connor Petford. This test will be taken to confirm all functions are tested for errors, and the application is running as desired.

**Testing Methodologies**

We will be utilising different methodologies to carry out our testing, as listed below:

* Black Box Testing – This testing method involves no prior knowledge of the functions to observe what occurs when providing an input. We will be testing the Meeting Aim button with this methodology.
* White Box Testing – This testing method involves examining the infrastructure or code of our software to verify its integrity.
* Boundary Value Analysis – This testing method is used to ensure that our validation prompts are functioning, so that if a user enters an invalid number or email address, a prompt will appear to inform them to try again.

**Features to be Tested**

* Meeting Aim (Popup form, Cancel and OK buttons). This will be tested to ensure that the user is able to enter the aim of their scheduled meeting and will be tested to ensure each option can be selected, and the label will change once the popup form disappears (assuming they do not select cancel rather than a given meeting aim).