TEST PLAN

**Introduction:**

*We have tested Microsoft PowerPoint 2013 which is a desktop application. This document provides the test plan on how we have tested the functionalities of Microsoft PowerPoint. Microsoft PowerPoint is windows based Desktop application that allows user to create and show slides to support a presentation and also provides a lot more functions such as combining text, graphics and multi-media content.*

*We have tried to cover the most important features in our test cases. We have also generated a test report for showing the bugs which were produced during testing. Testing is costly and time consuming if it is done manually. So, we have used automation for testing. As we have tested a desktop application for our project so we used sikuli testing tool. The Sikuli version we used is 1.1.2. This testing tool basically works on proper instructions and screenshots.*

*Here in this document we have devised a plan that tests the several functions on the working of Microsoft PowerPoint and set pass/fail criteria. We have done black box texting. This is also known as end user testing. Here, we identify our project information and functions that should be tested and list the test requirements.*

**Feature to be tested:**

|  |  |  |  |
| --- | --- | --- | --- |
| *PowerPoint loading* | *Animations tab* | *Design table* | *Saving slide* |
| *Adding 1st slide* | *Slide show* | *Inserting Picture* | *Language functionality* |
| *File tab* | *Review tab* | *Adding boarder with picture* | *Advanced tab* |
| *New tab* | *View tab* | *Changing design of slide* | *Customized ribbon* |
| *Open tab* | *Adding title* | *Adding textbox* | *Quick access toolbar* |
| *Save as tab* | *Text Font size* | *Changing layout* | *Add-ins functionality* |
| *Print tab* | *Adding subtitle* | *Adding slide number* | *Trust center* |
| *Share tab* | *Color functionality* | *Changing design (variants)* | *Undo functionality* |
| *Export tab* | *Text bold* | *Deleting slide* | *Re-do functionality* |
| *Account tab* | *Text italic* | *Storyboarding tab* | *Slide sorter* |
| *Option tab* | *Underline functionality* | *Smart art texting* | *Reading view* |
| *Home tab* | *Strikethrough functionality* | *Quick styles* | *Zoom-in* |
| *Insert tab* | *Adding new slide* | *Customize Quick access toolbar* | *Zoom-out* |
| *Design tab* | *Paragraph centering* | *PowerPoint options(general tab)* | *Slide show* |
| *Transitions tab* | *Table inserting* | *Proofing* | *Closing file* |

***Approach:***

*At first we selected the basic features which are most important. Then we write the test case. After that we all execute all the test cases and report the bugs if occurs. Then we do automation using sikuli testing tool.*

***Schedules:***

|  |  |
| --- | --- |
| Milestone | Deadline |
| Test Case Design | 14-Apr-18 |
| Test Case Execution | 15-Apr-18 |
| Test Case Automation | 15-Apr-18 |
| Test Reports | 18-Apr-18 |
| Project Delivery | 18-Apr-18 |

***Requirements:***

* Operating System: Windows 10
* Automation Tool: Sikuli 1.1.5
* Pre-requisite For Sikuli: JDK 8
* Test Software: Microsoft Power Point 2013

***Test Deliverables:***

* Test Cases
* Test Report
* Test Plan
* Automation Script