|  |  |
| --- | --- |
| Internship Project Title | Functional Testing Using Selenium Webdriver |
| Name of the Intern | Anju Sudhi |
| Name of the Company | TCS ion |
| Name of the Industry Mentor | Debashis Roy |
| Name of the Institute | ICT Academy |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Start Date | End Date | Total Effort (hrs.) | Activities Done | Tools used |
| 10/10/2022 | 08/11/2022 | 45 hrs above | 1. Completed Test Strategy,Test Design,Test Cases 2. Completed automation Testing 3. Completed Test Report 4. Completed Final Project Report 5. Captured videos on automation testing and uploaded it into the driver 6. Completed all daily reports 7. Uploaded the working code of automation testing | 1. Ms Excel for test case Writing 2. Google Chrome to open the Site to be tested 3. Selenium Webdriver 4. Eclipse IDE |

**OBJECTIVE**

To perform the functional testing of the Php Travels website using Selenium webdriver.

**INTRODUCTION**

Php travels is a website which provides travel services. As a part of the intership program I am supposed to test the website functionalities through automation with the help of the tool selenium webdriver. The first stage of the project includes the creation of Test Scenario, Test Design and Test Cases for all the 4 Stages mentioned in the Industry Report and the second stage includes the automation of the testcases that designed previously.

**INTERNSHIP ACTIVITIES**

* Develope Test design technique
* Develop Test cases for all the functionalities to be tested
* Develope Test scenario
* Develope Automation Testing code to test all the four stages of the Php tavels website
* Upload the working code into a driver
* Take all the Testcase running videos and upload it into the driver

**APPROACH**

The Approaches I am performing to test the website is both Manual Testing And Automation Testing. Selenium and Eclipse IDE are used to performing the automation testing.

**DOCUMENTS SUBMITTED ALONG WITH THE INTERIM REPORT 2**

1)Test Strategy

2)Test Design

3)Test Case Document

4)Working Code uploaded into google drive

5)Testcase running videos

6)Final Report

7)Test Report

**CHALLENGES**

The main challenge faced during the automation testing and manual testing was the unavailability of the website , During most of th times the site is showing a host error or Api server issue. The Elements in the webpages are not able to detect using selenium webdriver because of the webpages poor performance and slow response.

**OUT OF SCOPE**

* The Performance testing of the site is not performed.
* Interaction with third party websites
* SQL testing

**CONCLUSION**

The Php Travels website has undergone both automation and manual testing**.** All the final deliverable has been successfully created and uploaded into the Github repository. There are certain defects/ bugs that got detected during the testing phases of all the four different Stages as defined in the industry report was reported in the test report as bugs and the recreation steps to reproduce the same is also mentioned. The site is very slow responsive while automating using selenium. Most of the times site is showing Api or host error. These are my findings about the Website that I have noticed during the testing period.