

Title – Automation Test Report

Project Name – Assignment Internshala

Dat – 24-05-2023

Version – 1st

Test Environment – (Windows 11 , Chrome Browser ,Dell Laptop ,Coding Language – Python , Selenium)

Executive Summary :

Here I have basically tested the Functionality of website where the by Changing the Dashboard Table Is showing Correct Or Not also the In Analytics and Reports Module By Selecting the dropdown lists testing whether after click on download report files the files are downloading or not

In Manage Student Module I have Tested For update insert and search the student in database

In Manage Licenses Module I have Tested for whether the employee with emplD can searchable or not and also checked whether after updating the Employee Id And Name Whether Its Reflecting in Database Or Not in next module I have tested for logout button and checked its working whether after clicking we actually logged out to our system or not

1. Purpose and Scope of the Testing:

The purpose of the testing is to ensure the quality and reliability of the system under test. It aims to identify defects, bugs, and issues that may affect the system's functionality, performance, security, or user experience. The scope of the testing defines the boundaries and extent of the testing activities, including the features, modules, platforms, and environments to be covered.

2. Testing Objectives and Goals:

- Validate the system's functionality and ensure it meets the specified requirements.
- Verify the system's performance under normal and peak load conditions.
- Assess the system's security and identify vulnerabilities or potential risks.
- Evaluate the system's compatibility with different browsers, devices, or operating systems.
- Validate the system's usability and user experience.
- Ensure the system's reliability and stability over prolonged usage.
- Identify and report defects or issues to facilitate their resolution.

3. Test Execution Summary :

- Total 11 test cases we have performed which covers almost all modules
- In which 10 test passed and 1 test case failed.

4 . Test Results :

- All Test Are Passed And got expected result Except Test Is Having ID-3 Which is Not able to got expected Result (Not Able to download file)
- Tests with expected results –
 - o Test 1 – able to login successfully
 - o Test 2 – able to download file for fees not paid.xlsx in Analytics and report module
 - o Test 3 – able to download file for fees not paid but using bus .xlsx in Analytics and report module
 - o Test 4- able to retrieve the data of student the we have searched in search bar using name
 - o Test 5 – able to add student in database by filling up the provided form for adding student in database
 - o Test 6 – able to update the info of student which is present in database
 - o Test 7 – able to update the supervise info in database in Manage licenses module
 - o Test 8 – able to logout from system or not
 - o Test 9 – able to view qr of student or not in manage student module
 - o Test 10 - able to download qr code in manage student module or not
 - o Test 11 – able to check whether after changing the date checking whether the data is showing is correct or not .

5. Defects –

- in Analysis and reports module the second file that is fees not paid but using bus that report isn't downloadable .
- in Manage sync module the whole module is not working
- The Archives Module isn't working
- in setting module the renew licence isn't working
- also the date and time isn't updating live its only updating when we refresh the page or login again
- when we select multiple student and say view qrcode then the system getting load and some times not responding

Status of defect – all defects are as it is not fixed by us

Trakking tool – I have also used selenium ide to track the defects

6 . Test Coverage :

Modules – all active modules are covered

Features – All Dis-similar features are tested

Requirement - good internet connection , good logical thinking and also python environment setup in your machine .

7. Test Environment Details :

- I have used python environment and selenium tool for testing and python for scripting .

8. Conclusion :

- For this web testing take lot of time cause most of the elements not containing the id , name , unique class name so its difficult to find element at that time also for loading site is taking so much time and after loading it goes buffering almost 10 sec so at this time I have learned how to test website under these conditions and how to get best out of it .

9 . Appendix :

References –

- Official Selenium document
- Official python document
- Selenium IDE