Brief Info about

Test Cases Executed:

1] test login()

In this test case we checked the login functionality, using provided credentials where we put the login id and password in the input box and then move to the next home page or dashboard page for validation here I checked from login page it must move on the home page then only test case passed only otherwise it failed

2] Test logout()

The test aims to ensure that users can successfully log out of the application. The code specifically targeting the "Log Out" link and the "Ok" button. These elements are essential for initiating and confirming the logout process. By simulating click actions on these elements, the code automates the logout process for testing purposes

3] rprt_feesnotpaid():

In this test case, we are checking whether the current file is downloaded or not. for that, we provide the folder path and name of the file after download and then we check whether that file is existing in our system by using the os library or not if it exists then the file is downloaded.

4] test_table_dashboard()

In this test case, we are just checking whether the dashboard is working correctly or not for that here by selecting any date from the calendar the total number of students must be equal to the students present + students absent only this test case will be passed otherwise it will fail

5) rprt_feesnotpaid_usingbus()

Here the most difficult task is file is not downloading so I am not able to use the naming or path functionalities so here I used the number of files before the downloading action and after downloading must be increased by one otherwise test case fails

6] get_student_byname ():

Here for searching student, I used name of the student for searching purpose if the number of rows return after searching are greater than one then we are sure that there exists a name in our database otherwise we return fails

7] add_student()

here we filled in all the inputs required to add a student to database then I used the previous define function get_student_byname for checking whether the student is existing in the database or not

8] update student()

Here there is no direct update button for updating student information that's why I searched name of the student by name and in that the first row we get from that we clicked on admission id from that get option for update info of the student the I have updated information from there and then I again used get_student_byname() function to search that student again in that what first row I got from that I checked all elements which I have updated if they matched with update inputs then test case is passed otherwise it fails

9] manage_licence_update_superviser_info()

Here we have searched the employee by id then as next step there isn't any direct Butten to update the info so I have to click on empid and then I got one window to to edit the data then I clicked on edit details then I have filled then info which I have to edit/update then clicked on update butten and then refresh the page then simply searched the info on same page and by retrieving it I have validated the information

10] view_qr()

Here I have assumed that I am on manage student page/module and then I have searched student by name to show the qr then I have clicked on checkbox then I have saved the source value in some variable   then I have clicked on view qr and then uncheck the check box and then saved the source of qr element of same student by comparing the sources I have validated the test case

11]download_qr()

Here firstly I have assumed that I am on manage student page and then I have searched the student by student name and then clicked on check box and then clicked on download qr butten then I have assumed that the download folder is empty before downloading then I have extracted the zip file into the same folder and checked whether after unzipping png of qr is present or not in this way I have validated this test case