IT-314 Software Engineering

Group: 27 College Programming Club

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GUI Testing selenium:

We have used selenium for GUI testing. The testing is being performed in node js as the project is being implemented in node js.

To perform GUI testing using Selenium, we would typically follow these steps:

1) Identify the elements on the GUI that need to be tested, such as buttons, input fields, drop-down lists, etc.

2) Write test scripts in a programming language, Python using the Selenium WebDriver API to simulate user actions and verify expected behavior.

3) Execute the test scripts on the target web application to test the GUI elements and their behavior.

4) Analyze the test results and identify any issues or defects in the application's GUI.

Here, we have made two test scripts:
1) First, from the perspective of the User
2) second, from the perspective of the Admin

First, from the perspective of the User:

We have made a video of the execution,

Link for User test script:
https://drive.google.com/file/d/1FI1n8MCIhPfmaUW_d8mahwHA1Ym7PC_r/view?usp=sharing

Second, from the perspective of Admin:

We have made a video of the execution,

Link for Admin test script:
https://drive.google.com/file/d/1tsumksuwdortXKfZr9XOTemjYPjM1xHX/view?usp=sharing