



**Green University of Bangladesh**  
**Department of Computer Science and Engineering (CSE)**  
**Faculty of Sciences and Engineering**  
**Semester: (Spring, Year:2021), B.Sc. in CSE (Day/Eve)**

**Course Title: Software Testing and Quality Assurance Lab**  
**Course Code: CSE 434                      Section: 183DA**

**Lab Project Name: \_ \_ \_ Green University website test \_ \_ \_ \_ \_**

**Student Details**

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**Submission Date** : \_ \_ \_ \_ **8/5/2022** \_ \_ \_ \_ \_  
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[For Teachers use only: **Don't Write Anything inside this box**]

**Lab Project Status**

**Marks:** .....

**Signature:** .....

**Comments:** .....

**Date:** .....

**Introduction:** Our project is a simple website testing operation which will operate at Green University's official student portal by using selenium and chrome driver.

**Selenium:-** Selenium is an open-source tool that automates web browsers. It provides a single interface that lets you write test scripts in programming languages like Ruby, Java, NodeJS, PHP, Perl, Python, and C#, among others.

Everyone who cares about the state of their web app Uses Selenium.

**Google chrome WebDriver:-** WebDriver is an open source tool for automated testing of webapps across many browsers. It provides capabilities for navigating to web pages, user input, JavaScript execution, and more. ChromeDriver is a standalone server that implements the W3C WebDriver standard.

**Design Goals/Objective:-**

- To test the integrity of the website.
- To test the button if the perform well.

**Tools and techniques:**

- Selenium
- Wevdriver
- Language: JAVA
- IDE: Apache Netbeans

**Scope of Future Work:-**

Some tests will be unable to perform in this project because of not having the permission of the database. If we try to test those object we will need full authority of the database.

**Conclusion:-** Software testing is an essential part of the software industry. It has a big role in the software industry. Our idea is to execute a test in our university student portal and we are proud to say that we have our success.