Information

Student Details	
Student Name	: Sajid Rahman Rifan
Student ID	: 212902017
Batch & Section	: 212-D1
Program	: BSc. in CSE(Regular)

Organization Details	
Organization Name	: QA Harbor limited
Industrial Supervisor Name	: Masudur Rahaman
Industrial Supervisor Post	: Co-founder & Managing Director
Address	: Level:5, House No:470, Road No: 31, Mohakhali DOHS, Dhaka
Phone Number	: +8801716493669
Email	: masud@qaharbor.com

Confirmation by the Industrial Supervisor

I hereby certified that the student as for named above has reported to undergo industrial training at our company starting on ..20.13.1.2025.....

Supervisor's signature and official stamp:

Masudur Rahaman
Managing Director
QA Harbor Limited

Date: 12. 05. 2025

Green University of Bangladesh
Department of CSE
Weekly Log Sheet 01

Student Name	: Sajid Rahman Rian
Student ID	: 212902017
Academic Supervisor	: Md. Abu Rumman Refat
Industrial Supervisor	: Masudur Rahaman

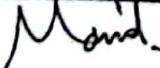| Date	Weekly Duties and Activities	Hours	
20/03/25	• Formal introduction to the office environment and meeting with the office head and team members. • Received a briefing on industrial internship structure, team roles, and overall expectations. • Introduced to software types and core testing principles. • Reviewed IEEE's software quality definition and SQA's role in maintaining performance, functionality, and user satisfaction.	In Out Total	: 9:00 AM : 1:00 PM : 4 Hours
24/03/25	• Provided description about testing throughout the SW development life cycle. • Associate with SDLC and STLC and V-shaped model in testing. • Test Management.	In Out Total	:8:20 PM :11:20 :3.30 Hours
07/03/25	• Discussed the major description on the difference on automation and manual testing with modern tools (playwright, Jmeter). • Provided aajor discussion about black, white & grey box testing also give brief ideas about 105 types testing in SQA.	In Out Total	: 8:40 AM : 1:00 PM : 4 Hours
10/03/25	Understand the 7 principle of software testing • Write some Test Cases on QA Habor ltd. Website- https://qaharbor.com/ • Learned about the bug life cycle and the career path of a QA professional	In Out Total	: 9:00 AM : 1:00 PM : 4 Hours
Total Weekly Hours			: 15:30 Hours

Supervisor Signature: _____

Date: 12·05·2025

Green University of Bangladesh
Department of CSE
Weekly Log Sheet 02

Student Name	: Sajid Rahman Rifan
Student ID	: 212902017
Academic Supervisor	: Md. Abu Rumman Refat
Industrial Supervisor	: Masudur Rahaman

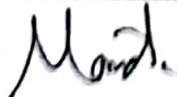| Date	Weekly Duties and Activities	Hours	
13/04/25	• Discussion about Test Execution with 5W1H. • Provided an introduction covering the various types test case formats, and issue/bug reporting templates. • Provided a task to generate 20 test cases and make test case report for any SW, E-Commerce & Application.	In Out Tot al	: 9:15 AM : 12:45PM : 7:10 PM : 11:30 PM : 8:15 Hours
15/04/25	• Provided description about testing throughout the SW development life cycle. • Associate with SDLC and STLC and V-shaped model in testing. • Test Management.	In Out Tot al	: 8: 05 PM : 11:00 PM next day : 9:40 AM : 2:15 PM : 7: 30 Hours
16/04/25	• Studied the core principles of Scrum. • Gained hands-on example of black and white box testing with code implementation. • Gained familiarity with automation testing using Playwright library in python Largest Job Site in Bangladesh, Search Jobs	Bdjobs.com, website with hands-on experience. • Provided a task on installation phase of playwright and perform automation testing in Swag Labs, website by doing login and add to cart.	In Out Tot al	: 9: 10 AM : 1: 05 PM next day : 7: 00 PM : 11:15 PM : 8:15 Hours
20/04/25	• Monitored the task on automation testing and helped everyone to execute properly. • Explored how it streamlines test code creation, along with assertion techniques to validate expected outcomes.	In Out Tot al	: 9:10 AM : 12:00 PM : 3 Hours
Total Weekly Hours			: 27:30 Hours

Supervisor Signature: _Mond._

Date: 12-05-2025

Green University of Bangladesh
Department of CSE
Weekly Log Sheet 03

Student Name	: Sajid Rahman Rifan
Student ID	: 212902017
Academic Supervisor	: Md. Abu Rumman Refat
Industrial Supervisor	: Masudur Rahaman

Date	Weekly Duties and Activities	Hours	
21/04/25	• Introduced the Page Object Model (POM) in Playwright, understanding how it simplifies test automation and improves maintainability. • Gained hands-on experience in writing unit tests, functional tests, and complex integration tests using pytest.	In Out Tot al	: 8:09 PM : 11:20 PM : 3:30 Hours
24/04/25	• Provided in-person task and practiced modules such as login, registration, and search job functionalities, and with random registration with faker() function for https://qajobs.qaharbor.com/. using the POM in the Playwright framework to understand its advantages and how it streamlines testing workflows	In Out Tot al	: 8:45 AM : 1:30 PM : 4:30 Hours
27/04/25	• Instructed to start a project based on test case report, manual testing and automation testing with playwright with consisting Page Object Model (POM) for any real-life deployed website. • Gained knowledge of GitHub operations, Including push, commit, and other version control practices.	In Out Tot al	: 9:15 AM : 12:25 PM : 8 :30 PM : 12 :45PM :7:45 Hours
30/04/25	• Explored the project and provide feedback to improve of performance for automation testing alongside with different types of parameters. • Provide how to handle good documentation and code arrangement in industry level experience and then submit these works in GitHub repository. • Provided task on submit works in GitHub repository with focusing key version control practices.	In Out Tot al	: 8:00 PM : 9:30 PM : Next Day : 9:00 AM : 12:45 PM : 6:15 Hours
Total Weekly Hours			: 21:00 Hours

Supervisor Signature: _[signature]_
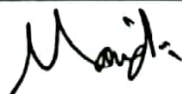
Date: 12.05.2025

Green University of Bangladesh
Department of CSE
Weekly Log Sheet 04

Student Name	: Sajid Rahman Rifan
Student ID	: 212902017
Academic Supervisor	: Md. Abu Rumman Refat
Industrial Supervisor	: Masudur Rahaman

Date	Weekly Duties and Activities	Hours	
04/05/25	• Provided a detailed explanation of API testing, covering its two main types, SOAP and REST, and discussed the differences between middleware and APIs (interfaces that enable communication between different software) • Gained practical knowledge on API testing with Postman. Also, provided task on API testing with different website to show in the project.	In Out Tot al	: 9:10 AM : 1:30 PM : 8:00 AM : 11:00 PM : 7:30 Hours
06/05/25	• Provided in-person task and practiced modules such as login, registration, and search job functionalities, and with random registration with faker() function for https://qaharbor.com/. using the POM in the Playwright framework to understand its advantages and how it streamlines testing workflows	In Out Tot al	: 8:00 PM : 11:00 PM : Next Day : 9:00 AM : 12:15 PM : 6:00 Hours
07/05/25	• More about API Testing and project issues solve. •Performance Test on (QA Harbor website).	In Out Tot al	: 8: 50 AM : 12:10 PM : 8:00 PM : 10:30 PM : 6:30 Hours
10/05/25	• Logbook sign and will take guideline for CV making.	In Out Tot al	: 9: 00 AM : 12:15 PM : 3:15 Hours
Total Weekly Hours			: 23:15 Hours

Supervisor Signature: _(signature)_   Date: 12.05.2025