

## Graduation Project Proposal Form

### 1. Project Information

- **Project Title:** Manual and Automated Testing of the Second-Hand Goods Platform
- **Course/Track:** Software Testing
- **Team Members:**
  1. Lobna Elnaggar
  2. Habiba Yahya Sadek Ali
  3. Sara Hamed Saad Radwan
  4. Heba Anter Rabe
  5. Naira Zain Al Abidin
  6. Tuqa Mohammed

### 2. Project Overview

- **Objective:**  
The objective of this project is to perform comprehensive manual and automated testing on the Second-Hand Goods Platform (<https://stackblitzstartersmiwkqz-3kx--4200--34c588ed.local-credentialless.webcontainer.io/home>) to identify bugs, ensure functionality, and validate the overall quality of the platform.
- **Scope of Work:**  
The scope of work includes creating detailed test cases, executing both manual and automated tests, logging defects, and verifying bug fixes. We will focus on functional testing, usability testing, performance testing, and regression testing.
- **Expected Outcomes:**
  - A complete set of test cases covering all platform features.
  - A detailed report on identified bugs and issues.
  - Recommendations for improvements based on test results.
  - Verified bug fixes and confirms software high-quality platform for users.

### 3. Problem Statement

The project aims to identify and resolve any functional, performance, or usability issues within the Second-Hand Goods Platform to enhance user experience and ensure reliable operation. Thorough manual and automated testing will be conducted to detect issues that may affect the platform's usability and performance, particularly in complex scenarios.

### 4. Proposed Solution

- **Technologies Used:**
  - Manual Testing Techniques (documented via Google Sheets)
  - Automated Testing using Selenium and IntelliJ

### 5. Resources Needed

- **Hardware/Software:**
  - Access to a computer with internet connectivity.
  - Testing tools such as Selenium, Google Sheets, and IntelliJ.
  - Access to the Second-Hand Goods Platform (<https://stackblitzstartersmiwkqz-3kx--4200--34c588ed.local-credentialless.webcontainer.io/home>) for testing

### 6. Approval

- **Instructor/Advisor:** George Nafady
- **Signature:** .....