FINAL PROJECT FOR CERTIFICATION GROWIA

Halo Students, welcome to Growia's final project, It will be fun and make you more confident in the Software Testing field. Please follow the instructions below, with the general guidelines as follows:

1. Read the Study Case - as a background for the project;
2. Pay attention to the Tasks section in this document;
3. The deliverables of this final project are available as the last section, showing the documents you will need to submit to complete this final project.

# About Project

[GrowiaShop](https://cutt.ly/6eidPftk) is an eCommerce website that initially serves as a landing page to showcase the products offered in offline stores. The existing features that were released before the recent enhancement are:

1. [Login untuk Buyer](https://growiaeducationid.atlassian.net/browse/GROW-1)
   1. [Sebagai Buyer, Saya ingin bisa melakukan login ke aplikasi Growiashop](https://growiaeducationid.atlassian.net/browse/GROW-9)
2. [Sign up untuk Buyer](https://growiaeducationid.atlassian.net/browse/GROW-2)
   1. [Sebagai Buyer, Saya ingin bisa mendaftar pada aplikasi Growiashop](https://growiaeducationid.atlassian.net/browse/GROW-10)
3. [Homepage - Product Showcase](https://growiaeducationid.atlassian.net/browse/GROW-3)
   1. [Sebagai Buyer, Saya ingin dapat melihat halaman Home](https://growiaeducationid.atlassian.net/browse/GROW-11)
4. [Product Showcase](https://growiaeducationid.atlassian.net/browse/GROW-4)
   1. [Sebagai Buyer, Saya ingin melihat produk berdasarkan kategori](https://growiaeducationid.atlassian.net/browse/GROW-12)
   2. [Sebagai Buyer, Saya ingin bisa melihat halaman detail produk](https://growiaeducationid.atlassian.net/browse/GROW-13)

With an increasing demand for online purchasing, we introduced a new business process to allow the user to register and perform online transactions on our platform. This feature will also require admin-side improvement related to managing the product Stock.

The project is structured as follows:

1. [GROW-7 Mengelola Profil Buyer](https://growiaeducationid.atlassian.net/browse/GROW-7)
   1. [GROW-23 Sebagai Buyer, saya ingin bisa melihat pesanan saya](https://growiaeducationid.atlassian.net/browse/GROW-23)
   2. [GROW-24 Sebagai Buyer, saya ingin mengubah alamat saya](https://growiaeducationid.atlassian.net/browse/GROW-24)
2. [GROW-5 Mengelola Shopping Cart untuk Buyer](https://growiaeducationid.atlassian.net/browse/GROW-5)
   1. [GROW-14 Sebagai Buyer, Saya ingin bisa menambahkan product ke Shopping cart](https://growiaeducationid.atlassian.net/browse/GROW-14)
   2. [GROW-15 Sebagai Buyer, Saya ingin bisa langsung membeli produk](https://growiaeducationid.atlassian.net/browse/GROW-15)
   3. [GROW-16 Sebagai Buyer, Saya ingin bisa Menghapus product dari shopping cart](https://growiaeducationid.atlassian.net/browse/GROW-16)
   4. [GROW-17 Sebagai Buyer, Saya ingin bisa mengubah jumlah quantity](https://growiaeducationid.atlassian.net/browse/GROW-17)
   5. [GROW-18 Sebagai Buyer, Saya ingin bisa melakukan checkout produk](https://growiaeducationid.atlassian.net/browse/GROW-18)
3. [GROW-6 Checkout untuk Buyer](https://growiaeducationid.atlassian.net/browse/GROW-6)
   1. [GROW-19 Sebagai Buyer, Saya ingin bisa mengubah alamat pengiriman](https://growiaeducationid.atlassian.net/browse/GROW-19)
   2. [GROW-20 Sebagai Buyer, Saya ingin bisa Buat Pesanan dengan memilih metode pembayaran Cash on Delivery](https://growiaeducationid.atlassian.net/browse/GROW-20)
   3. [GROW-21 Sebagai Buyer, Saya ingin bisa Buat Pesanan dengan memilih metode pembayaran Credit Card](https://growiaeducationid.atlassian.net/browse/GROW-21)
   4. [GROW-22 Sebagai Buyer, Saya ingin bisa kembali ke halaman Shopping Cart](https://growiaeducationid.atlassian.net/browse/GROW-22)
4. [GROW-8 Pengelolaan Produk oleh Admin](https://growiaeducationid.atlassian.net/browse/GROW-8)
   1. [GROW-27 Sebagai Admin, Saya ingin bisa mengubah stok produk](https://growiaeducationid.atlassian.net/browse/GROW-27)

**Note:**

*Please be advised that the Registered User and their Transaction Histories are stored locally in your browser. This means they may be removed once the browser is closed and/or the device is restarted. Hence, please adjust your testing scope/scenarios to avoid such a situation.*

# Tasks

### **STEP 1**

Open the Growia Jira projects to study the existing and newly developed features listed above with the following details.

1. URL : [GROW Project](https://growiaeducationid.atlassian.net/jira/software/projects/GROW/list)
2. Login
   1. Email : [growiastudents@gmail.com](mailto:growiastudents@gmail.com)
   2. Password JIRA : Students001!

### **STEP 2**

Analyze the requirement for all User Stories listed under GROW-7, GROW-5, GROW-6 and GROW-8 epic items and Create Test Cases with the following details:

1. Functional Test (Component Integration Test, System Test, System Integration Test).
2. Etc, feel free to improvise if you need to perform any other test type/test level not mentioned above.

### **STEP 3**

Execute test cases on [GrowiaShop](https://cutt.ly/6eidPftk) and log the test result. Use the following credentials to get logged in as admin:

* Email : [admingrowia@gmail.com](mailto:admingrowia@gmail.com)
* Password : GSadmin2024!

### **STEP 4**

Report any defect/potential defect found on the website or the requirement documents.

### **STEP 5**

Present the deliverables below as proof of the final project completion

# Deliverables

1. Spreadsheet for Test Cases & Execution Log *(the template can be accessed* [*here*](https://docs.google.com/spreadsheets/d/1UxA61OzAGGnLOJhzdjvpUSBereWoRxCUkCqAnHvd7oU/edit?usp=sharing)*)*
2. Spreadsheet Defect Reporting *(the template can be accessed* [*here*](https://docs.google.com/spreadsheets/d/16jQslwcd4a1Go2V97o2iwF2qhsA56i8rCWs2g9Br_NE/edit?usp=sharing)*)*
3. The Presentation Template can be accessed [here](https://docs.google.com/presentation/d/1SgYGTJI2DfQ03pwrKcencVwztATevtwBEfqsIGXpqg4/edit?usp=sharing)

Aspects of the analysis in the presentation slides

1. Background
2. Objective
3. Test Summary
   1. Test Type and Test Level (what the students performed)
   2. Number of test cases (number of test cases they created and how many they executed)
   3. Number of defects found
4. Sample Test Case (the most complex test case according to the students)
5. Defect Reporting
   1. Highest severity and priority
   2. Lowest severity and highest priority
   3. Highest severity and lowest priority
6. Conclusions

**Note:**

*Please feel free to add a new column and/or improve the slide presentations to your deliverables based on your project testing result if required.*

Good Luck!