



UNIVERSITI TUNKU ABDUL RAHMAN

LEE KONG CHIAN FACULTY OF ENGINEERING AND SCIENCE

UECS1144 OBJECT ORIENTED APPLICATION DEVELOPMENT

GROUP ASSIGNMENT

June 2024 Trimester

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System Requirements Specification

The inventory tracking system is developed as the desktop application which will help the businesses to monitor their inventory effectively.

The system will provide the following features:

Stakeholders:

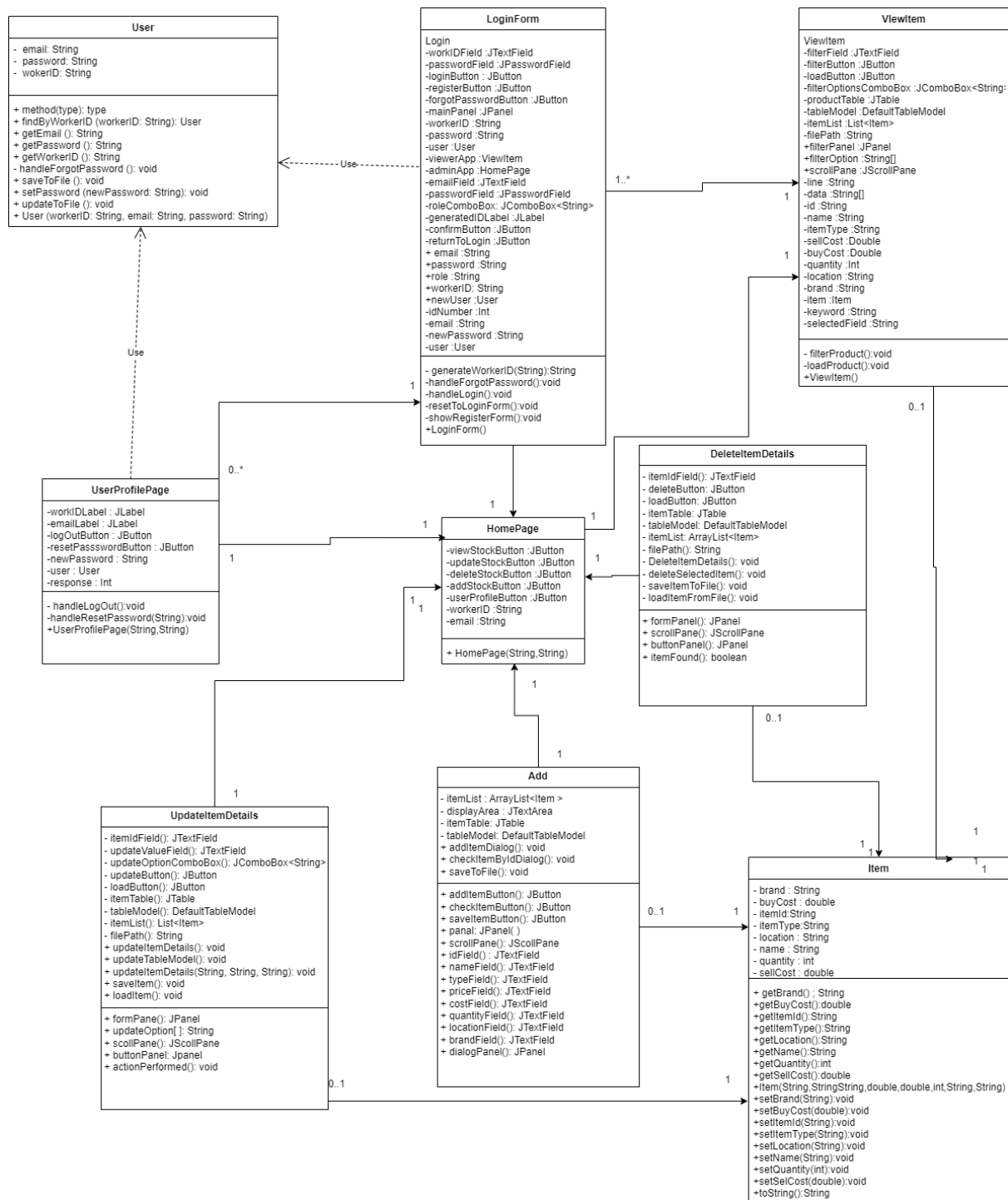
User: A person who only have the permission to view the inventory.

Admin: A person who manage the inventory. Which include adding, updating, view, and delete.

Functional Requirements:

ID	Description
SRS001	The system shall allow the user to create account
SRS002	The system shall allow the user to login account.
SRS003	The system shall allow the admin to add inventory item.
SRS004	The system shall allow the admin to update inventory item.
SRS005	The system shall allow the admin to delete inventory item.
SRS006	The system shall allow the user to check inventory item.
SRS007	The system shall allow the user to view user profile.
SRS008	Users shall be able to recover their password through “reset password” feature.
SRS009	The system shall allow the user to logout account.
SRS010	The system shall allow the user to navigate function through HomePage

UML Class Diagram



Sample Outputs

Inventory Management System - Login

Worker ID:

Password:

Login Register

Forgot Password

Inventory Management System - Login

Email:

Password:

Role:

Generated Worker ID:

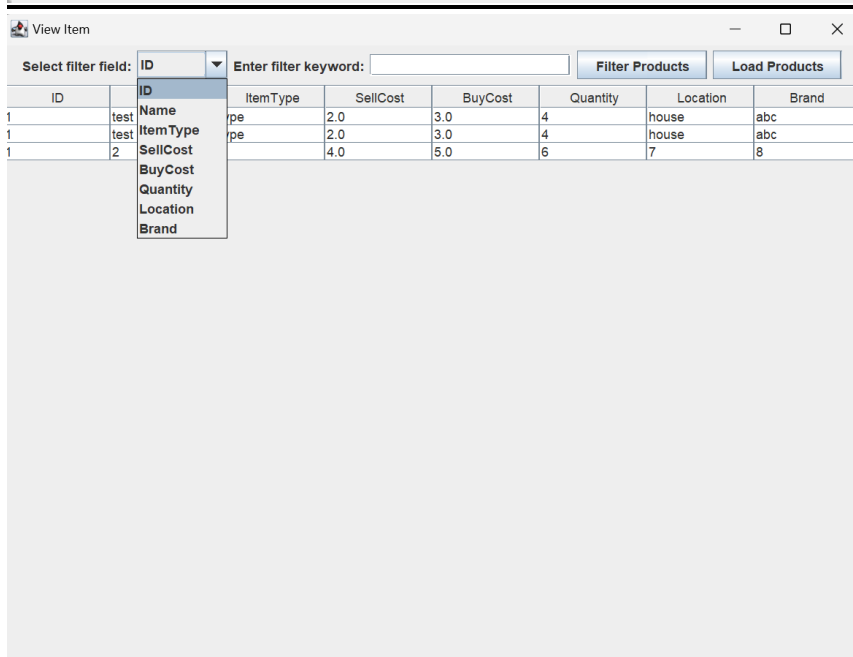
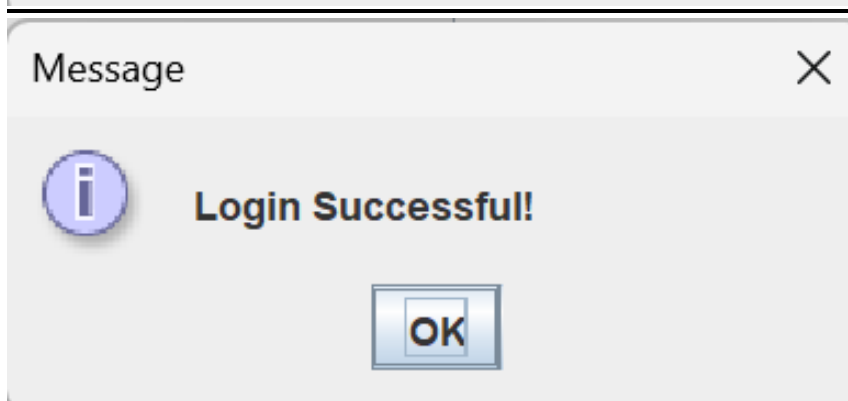
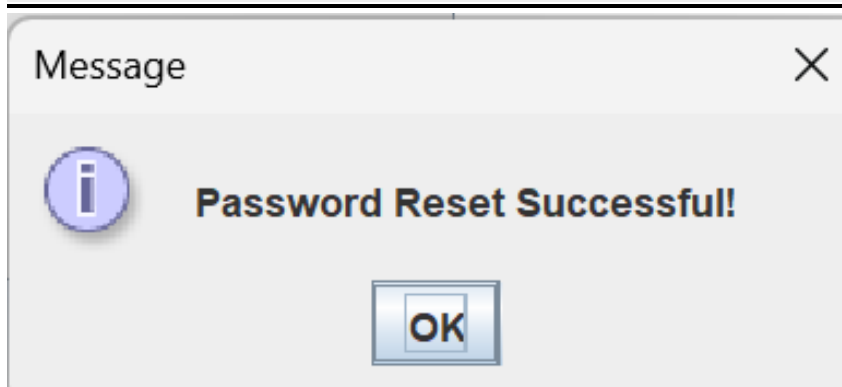
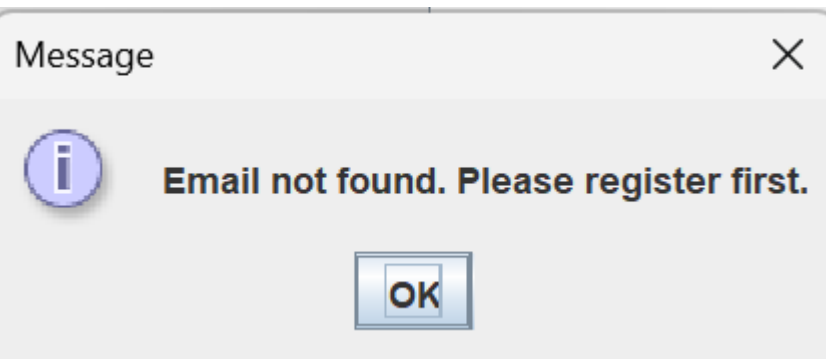
admin
admin
viewer

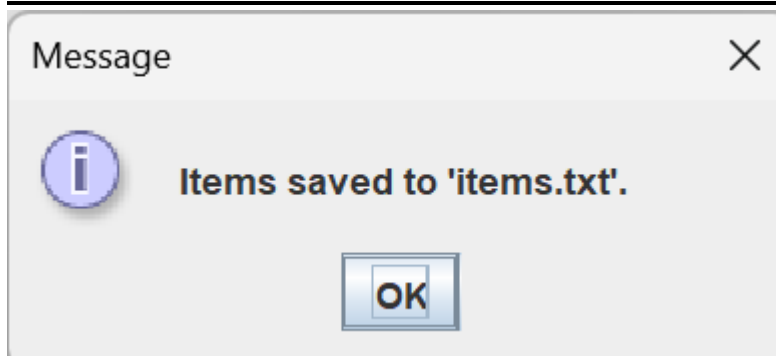
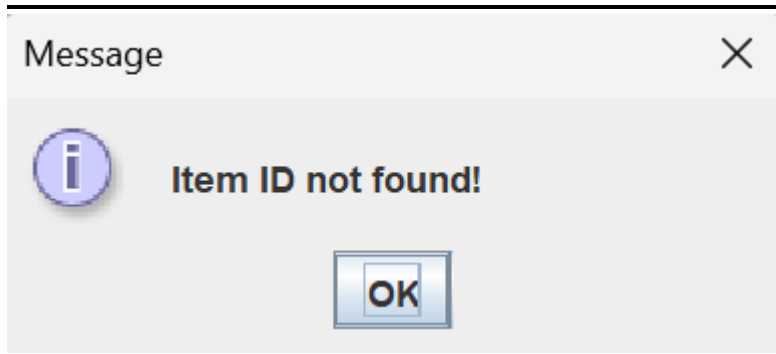
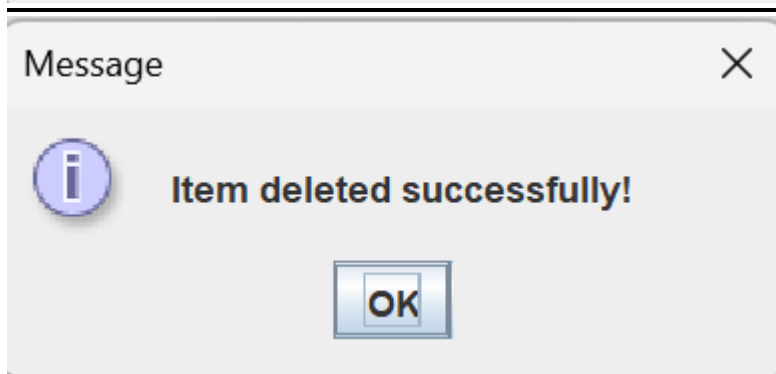
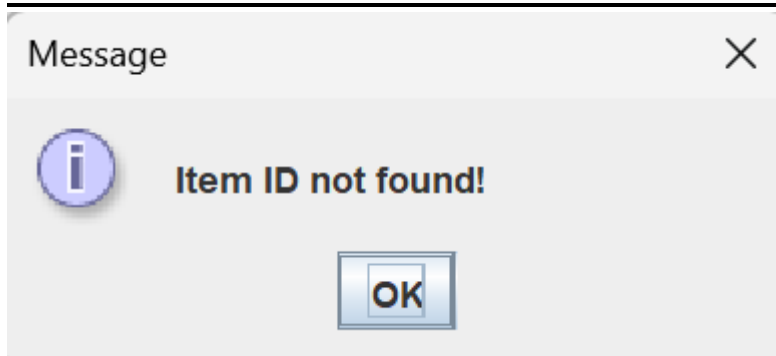
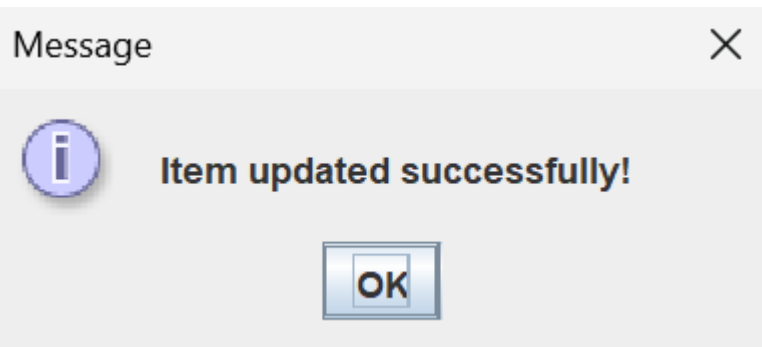
Confirm Back

Input

Enter your new password:


OK Cancel





Input

×


 **Enter Item ID:**

OK

Cancel

Message


×

 **Item with ID 1 not found.**

OK

Add Item

×

 **ID:**

Name:

Type:

Price:

Cost:

Quantity:

Location:

Brand:

OK

Cancel

Message

×

 **Invalid input. Please enter correct values.**

OK

User Profile


Worker ID: A515

Password: test

Reset Password


Log Out

Message

 **User not found.**

OK

Log Out

 **Are you sure you want to log out?**

Yes No

Appendix A

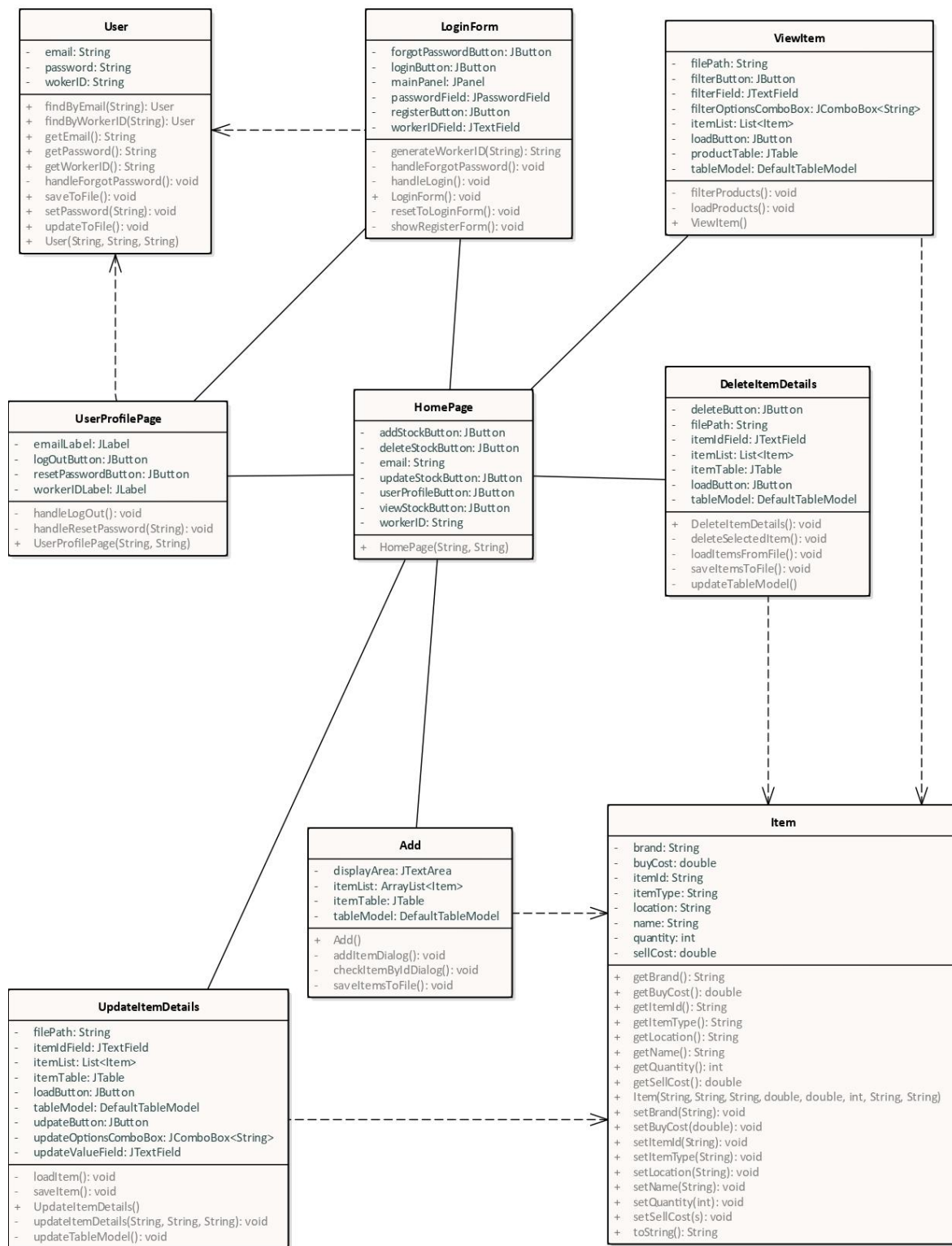


Figure1: This is the progress of UML diagram