

ASIA PACIFIC INSTITUTE OF INFORMATION TECHNOLOGY

Level 4

Group C (Group 4)

COMP40002

Software Development and Application Modelling - II

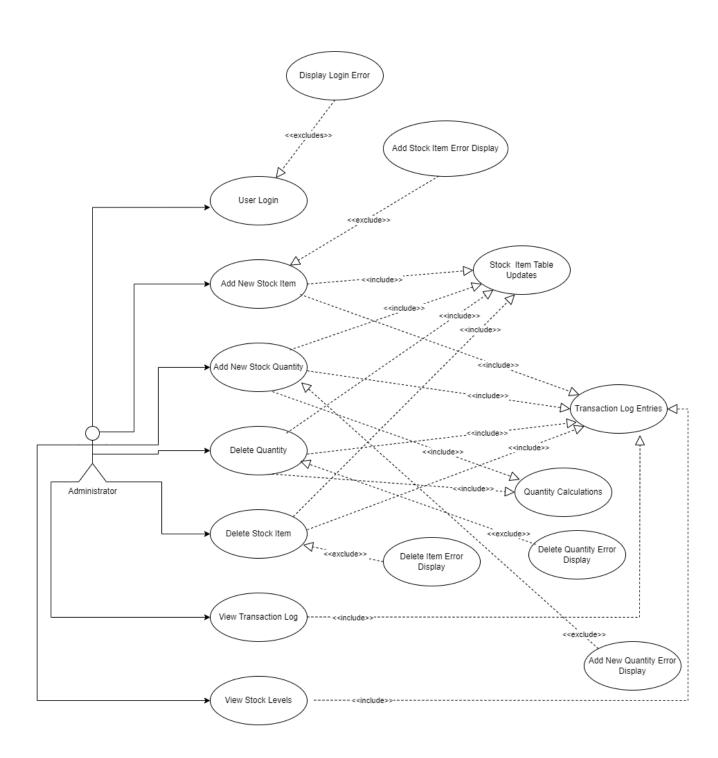
Individual Assignment

 $Komuthu\ Mabulage-CB010187$

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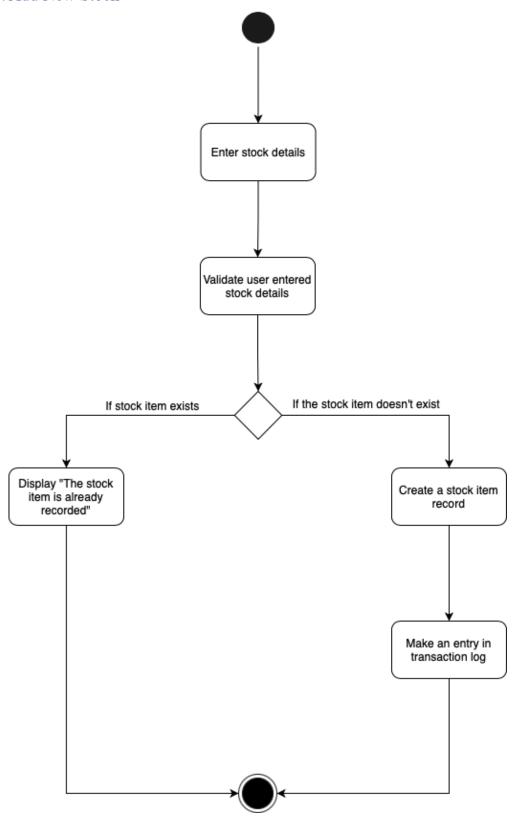
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1. Use Case Diagrams

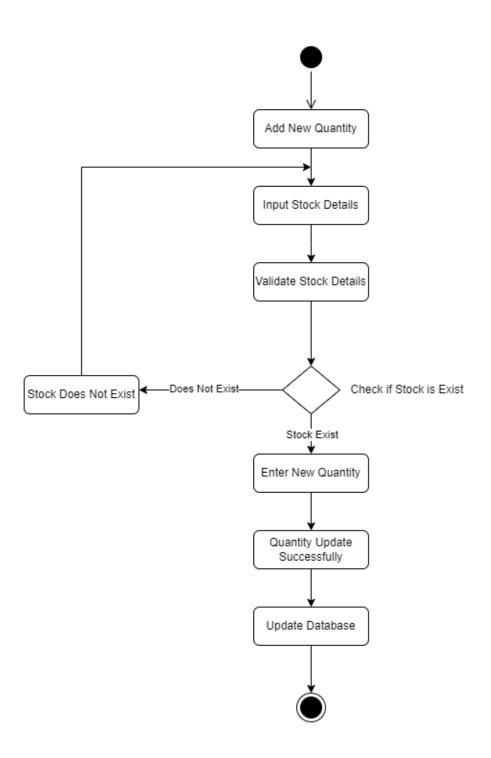


2. Activity Diagrams

2.1. Add New Stock

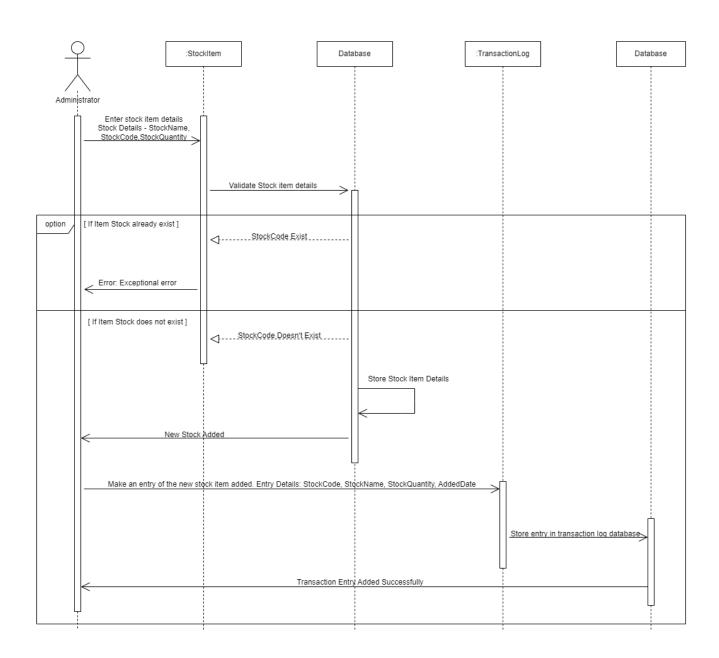


2.2. Add New Quantity

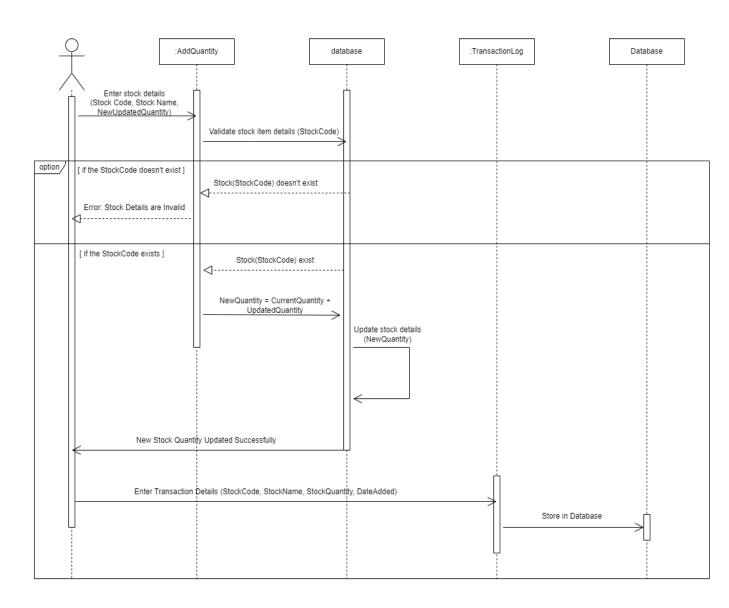


3. Sequences Diagrams

3.1. Add New Stock

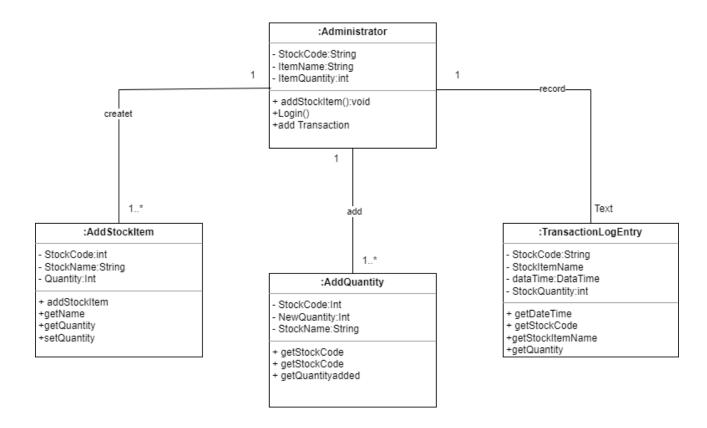


3.2. Add New Quantity



4. Class Diagrams

- 4.1. Add New Stock
- 4.2. Add New Quantity
 - Both the use cases are represented in a single Class Diagram



5. Test Cases

Test #	Test Case Description	Test Data	Assumed Result	Actual Result	Pass/Fail
#1	Login fail when the username or the password entered is incorrect.	Username: komuthu Password: komuthu123	An error message should appear when the entered username or password is incorrect.	Login Login Login Login Silvented of the Usemana you effected it invalid Ox	Pass
#2	Add a New Stock Item	Stock Code: 4567 StockName: Books Quantity of Stock: 400	If the new record is added successfully a message is displayed saying "New Stock Item Added!"	Stock Ite Add New Stock Item Stock Code: 4567 Stock Nam New Stock item Add New Stock item Added Quantity of Stock: 400 Add	Pass
#3	View the Added Stock Item	Click on the View Stock Levels button	When the button is clicked it displays all the items recorded in the database	New Stock Enter to Transaction Log	Pass
#4	Add Transaction log Entry	Stock Code: 4567 StockName: Books Quantity of Stock: 400 Date Added: 9/29/2023	If the new entry is added successfully a message is displayed saying "New Transaction Recorded!"	AdditensactionEntry Stock Item Enter Transaction Log New Stock S	Pass

#5	View Transaction Log	Click on the View All Transaction Logs button	When the button is clicked it displays all the items recorded in the database of Transaction Log.	View Transaction Logs	Pass
#6	Add New Quantity	Stock Code: 4567 StockName: Books Quantity of Stock: 500	If the new quantity is added successfully a message is displayed saying "New Quantity Added!"	Updated Add New Quantity to a Stock Item Stock Code: 1234 Stock Nam Rev Quantity Added Rescript OX New Quantity of Stock: 500 Add	Pass
#7	View Updated Quantity	Click on the View New Stock Levels button	When the button is clicked it displays all the items recorded in the database and the updated quantities of stock.	Updated Stock Levels New Quantity Enter to Transaction Log	Pass

6. Database Tables



