



CS319 Object-Oriented Software Engineering

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CONCEPTS

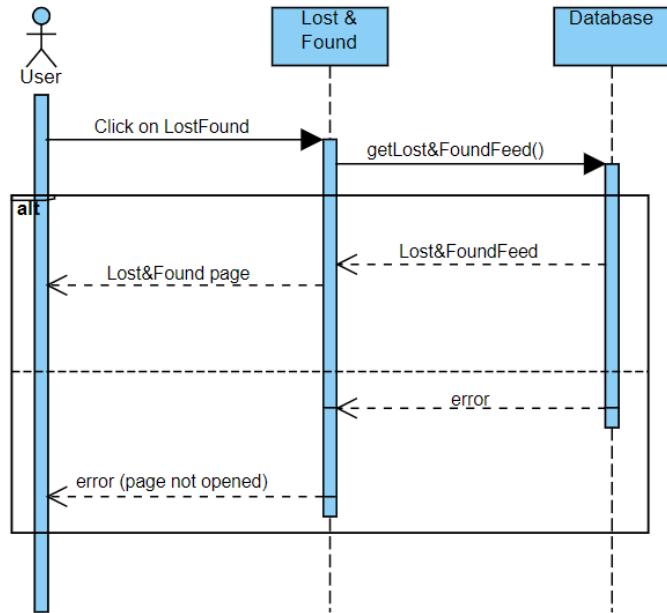
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System Models

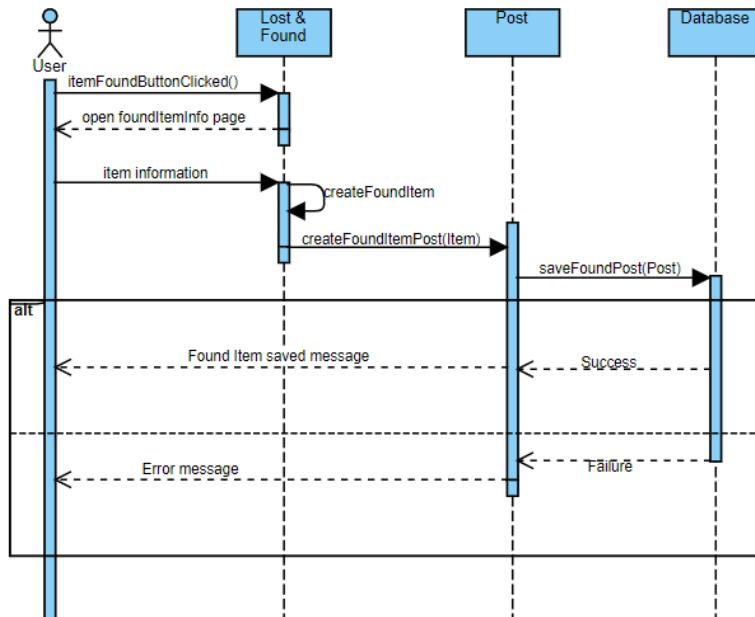
1) Sequence Diagrams

Lost & Found Scenarios

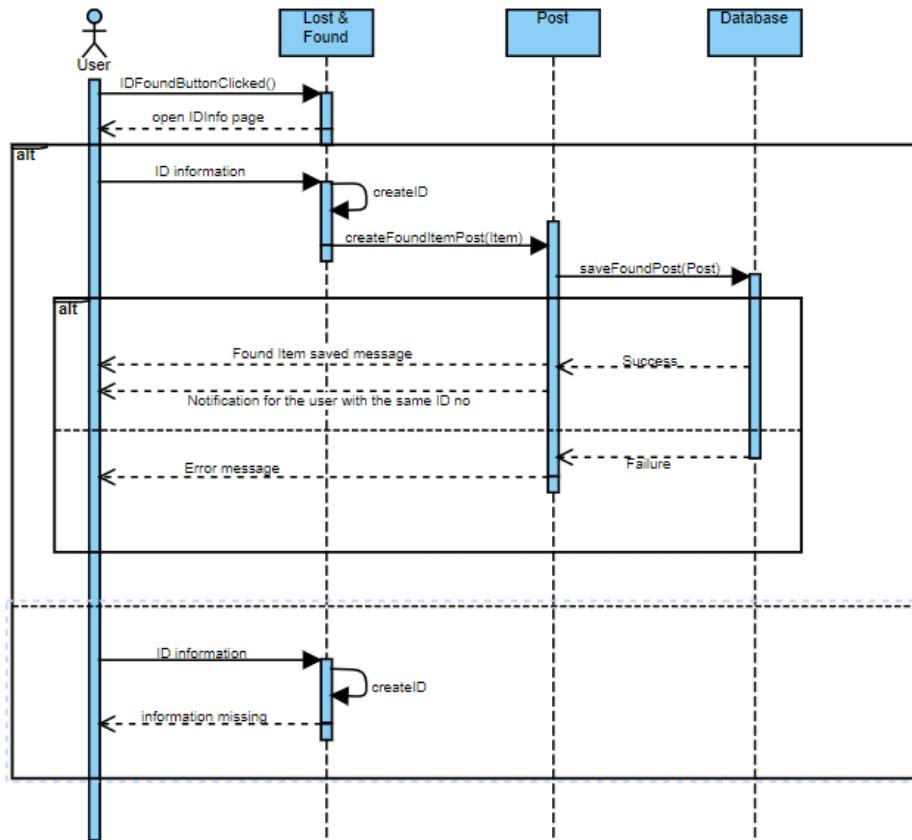
Scenario 1: User opens the lost & found page



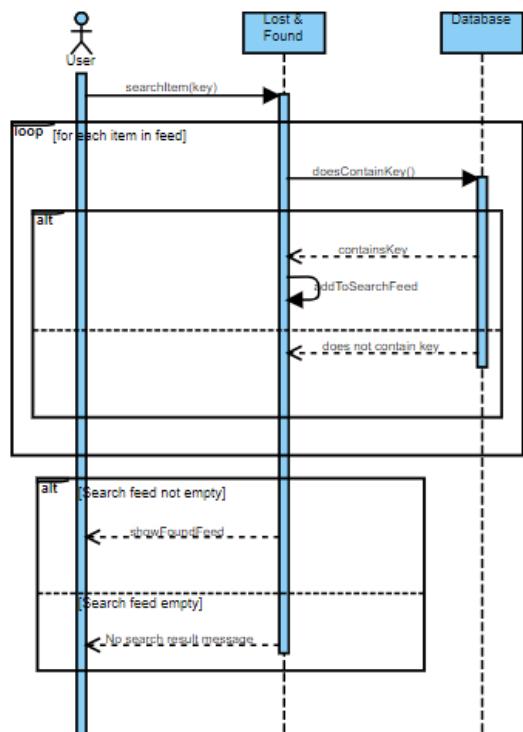
Scenario 2: User finds an item and wants to create a post of that found item



Scenario 3: User finds a lost ID card and enters the lost ID into the system

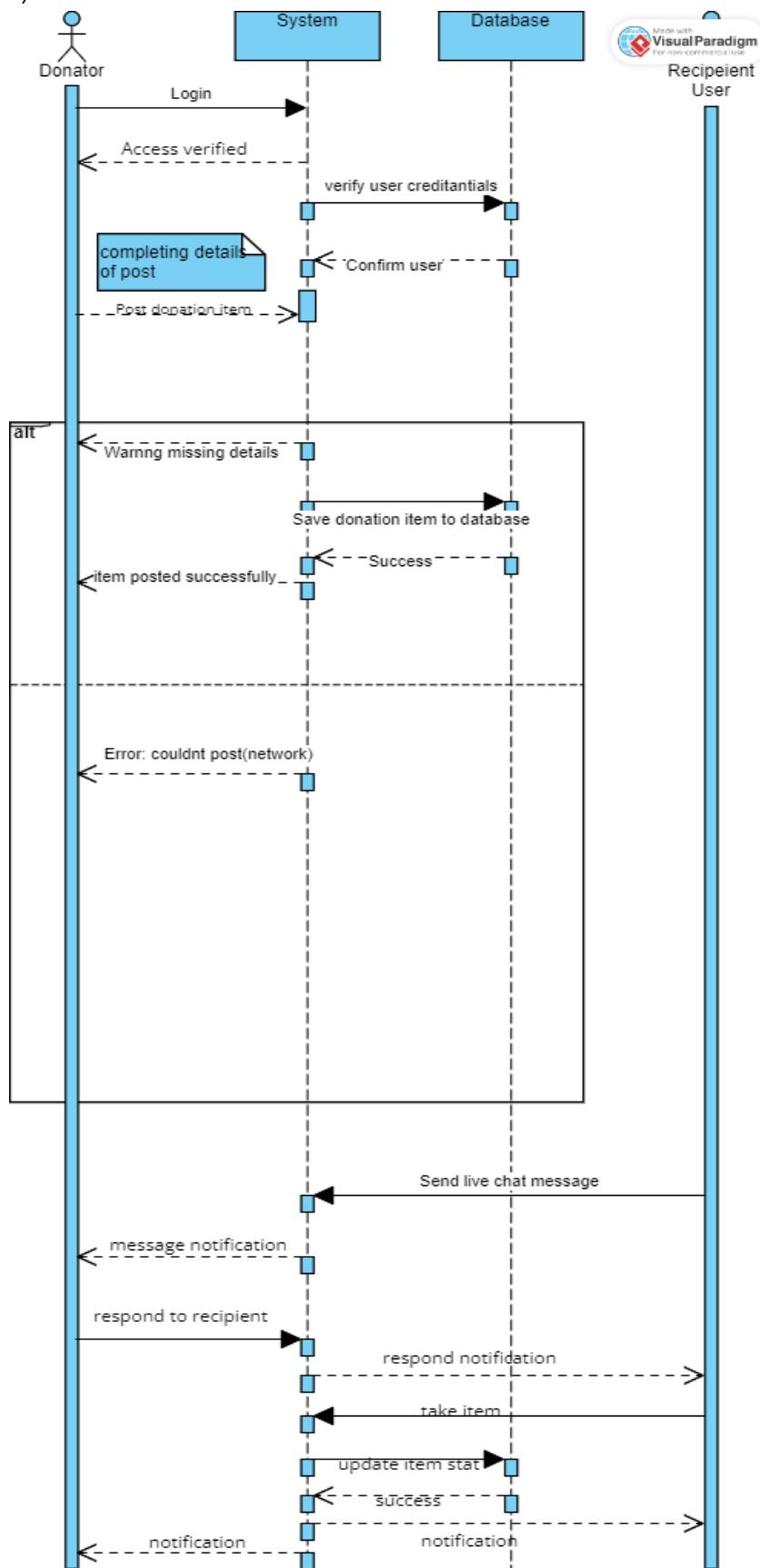


Scenario 4: User wants to search for an item on the lost and found page



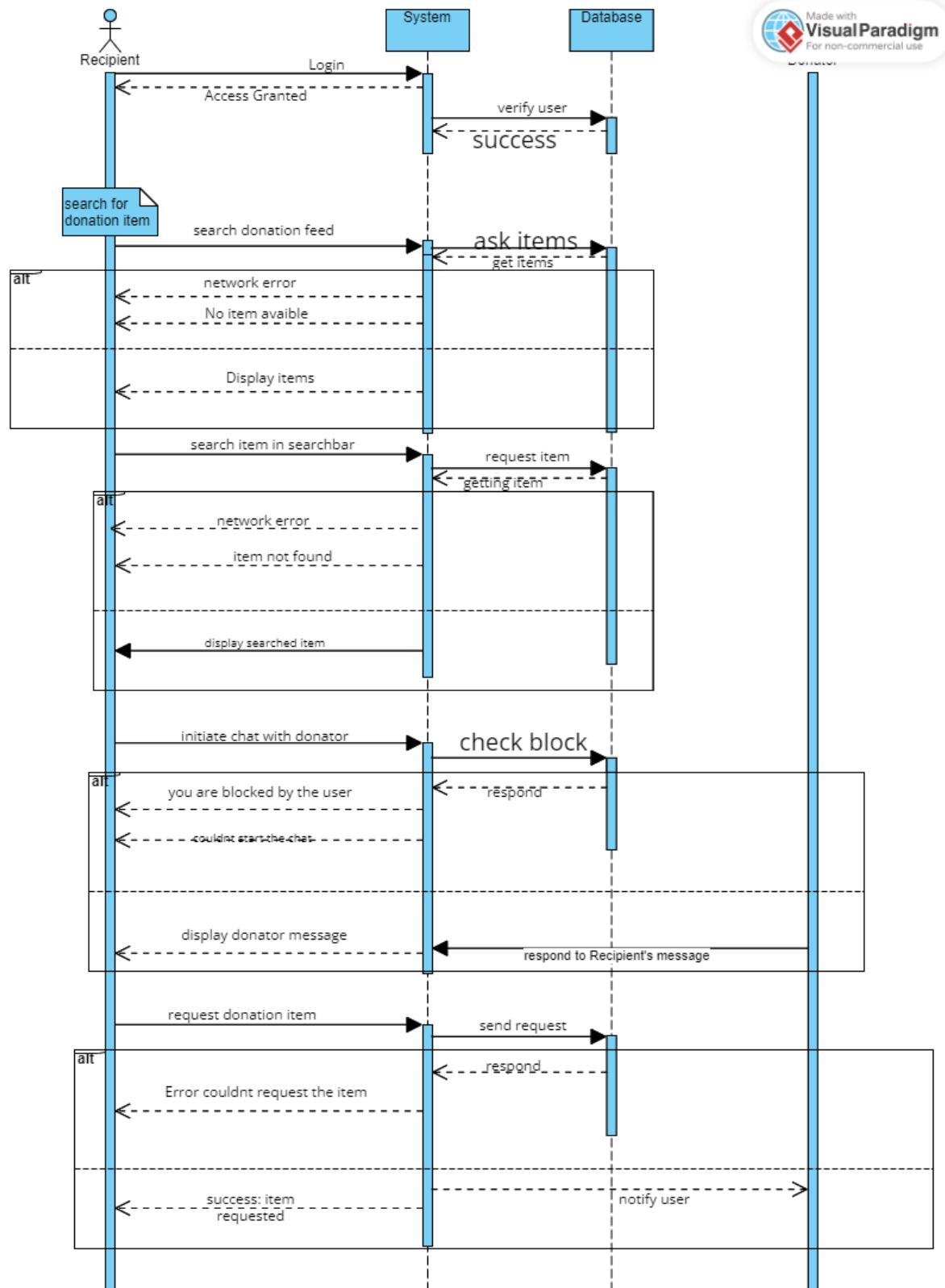
Donation Scenarios

1) Post Donation:



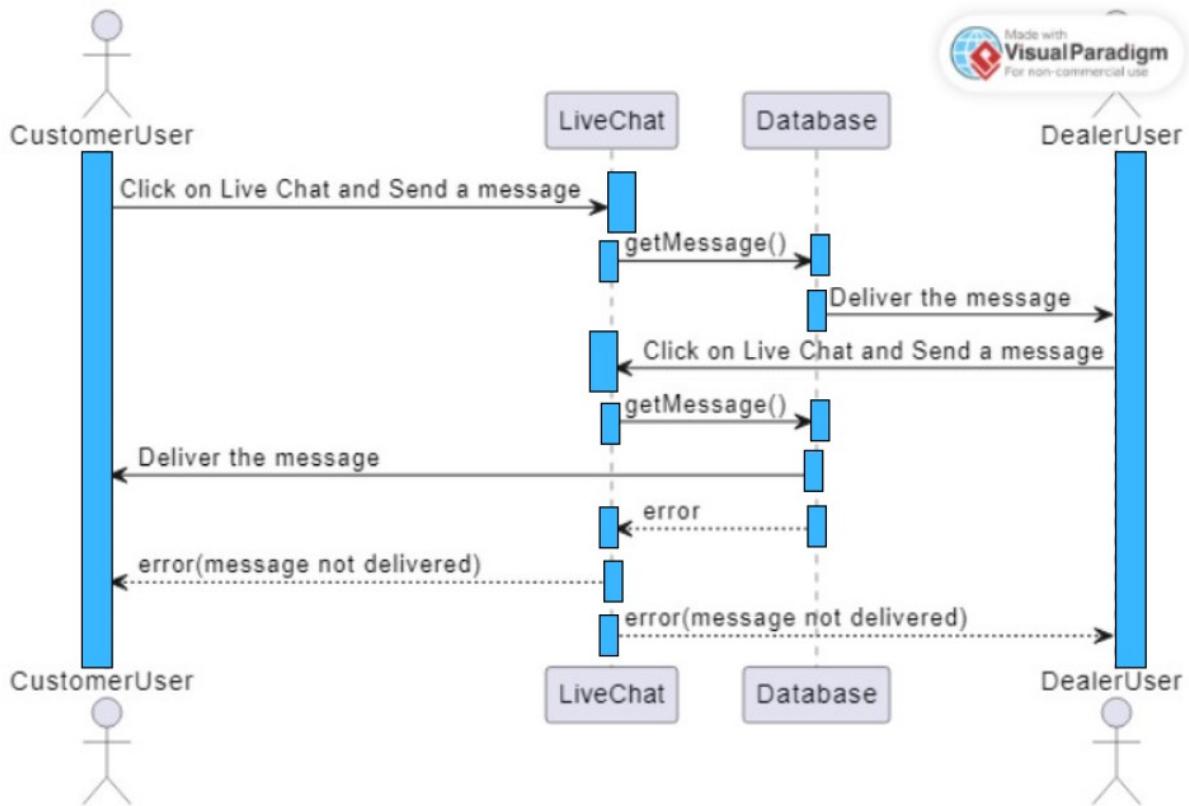
2) Receiving donation item

In the visual paradigm, there is a donator actor.

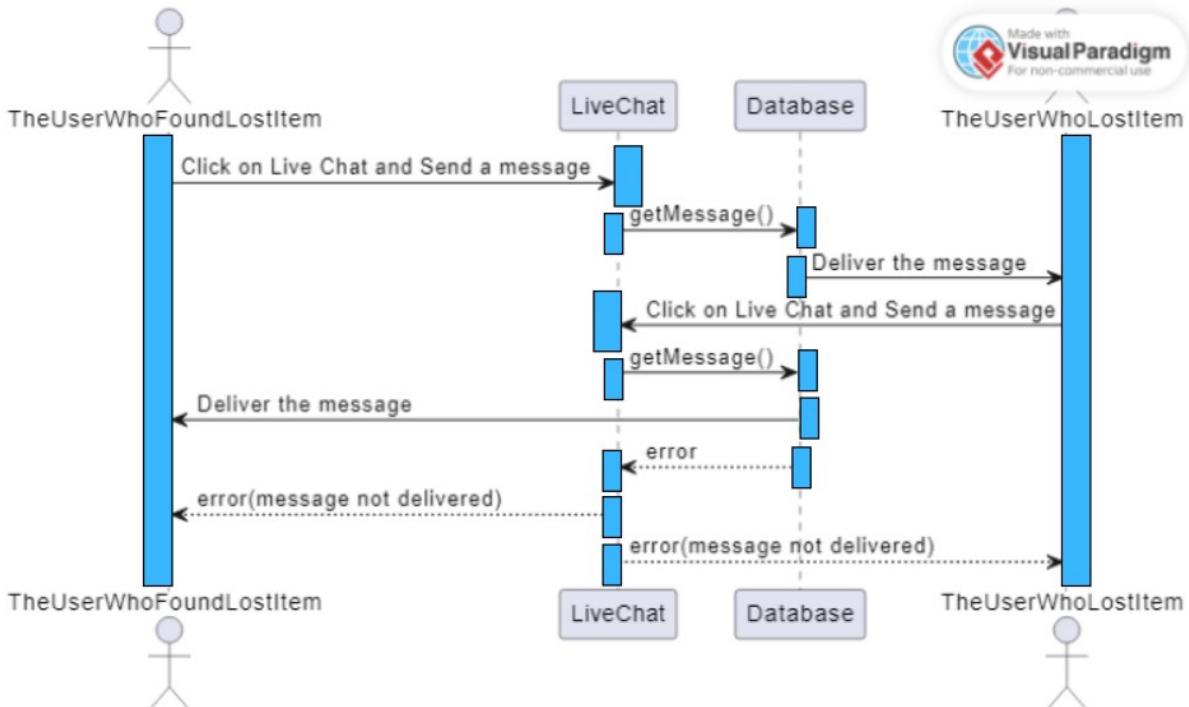


LiveChat Scenarios

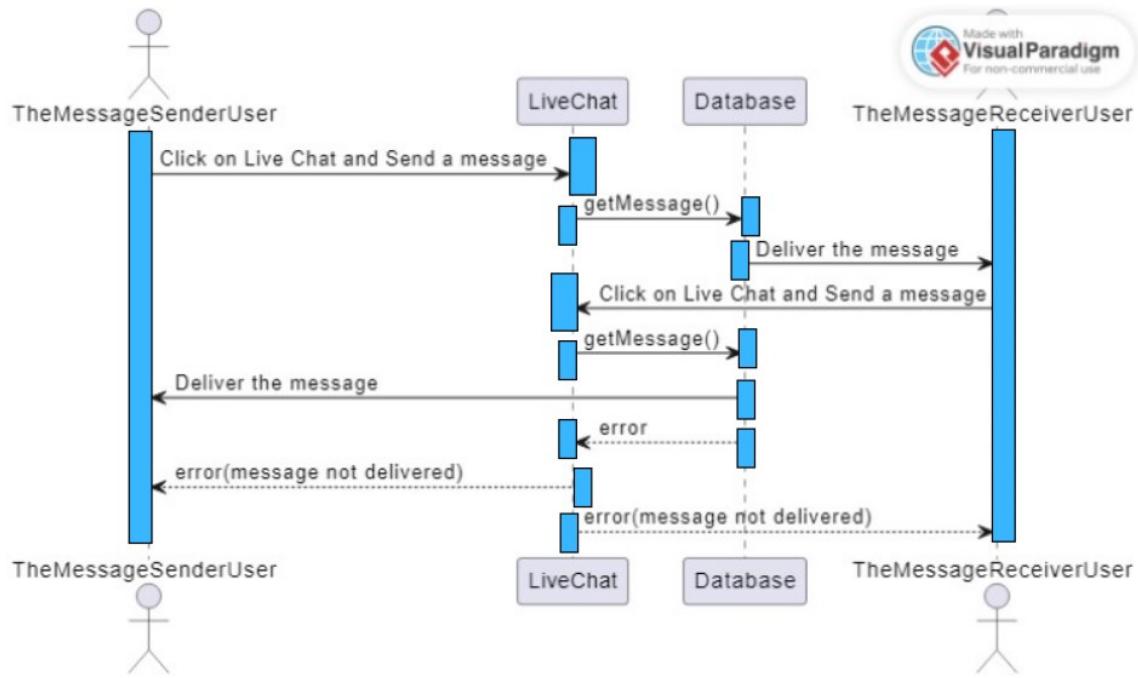
Scenario 1: Communication between Customer User and Dealer User



Scenario 2: Communication between The User who found lost items, The User who lost items

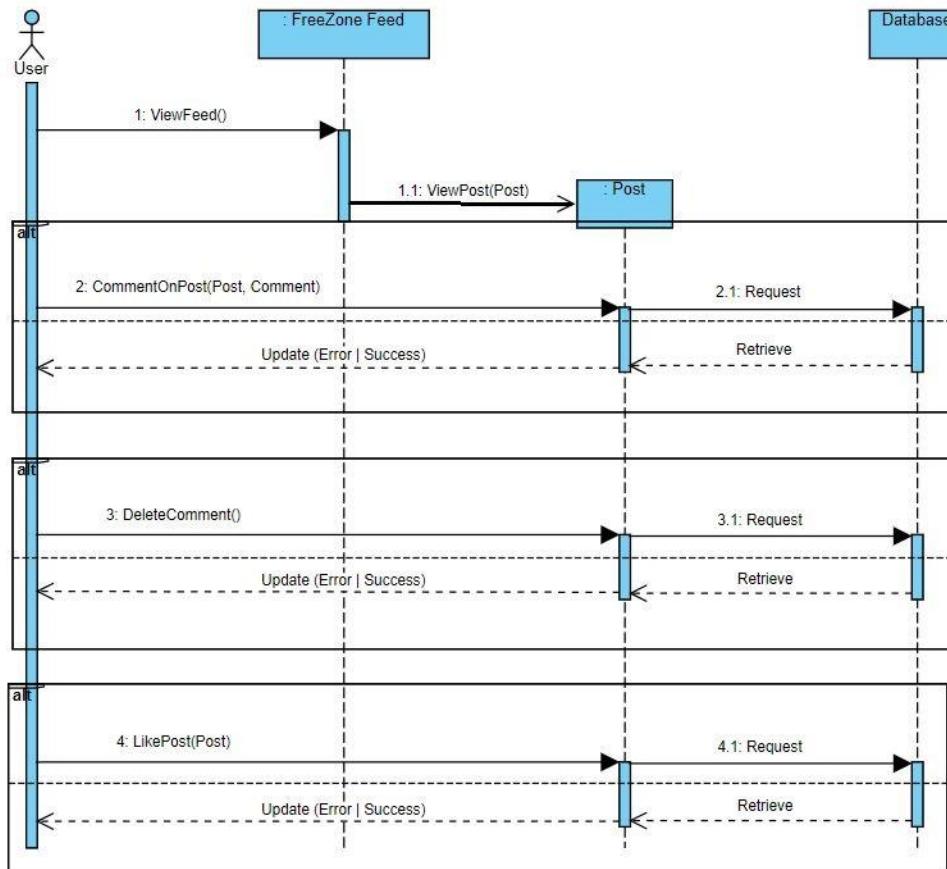


Scenario 3: Communication between Users for socializing

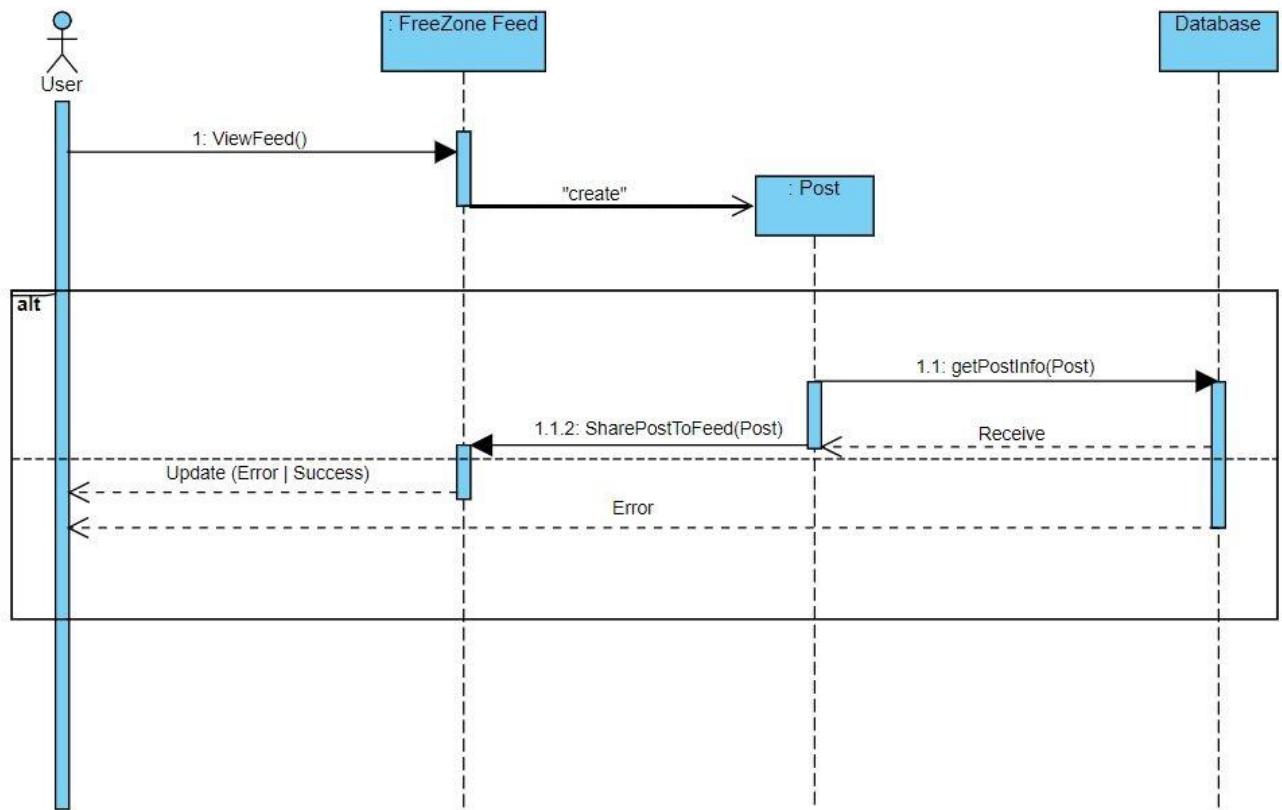


FreeZone Scenarios

Scenario 1: User trying to view the feed on the FreeZone page.

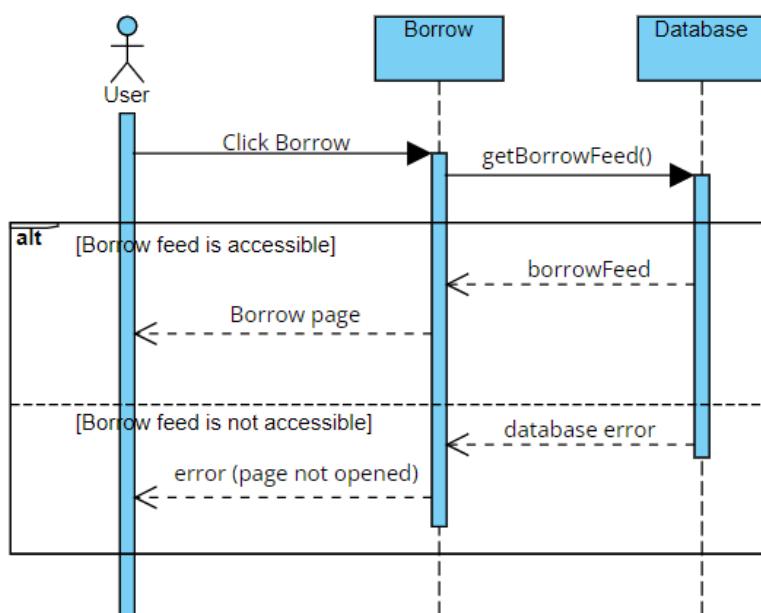


Scenario 2: User trying to post something in the feed of the FreeZone page.

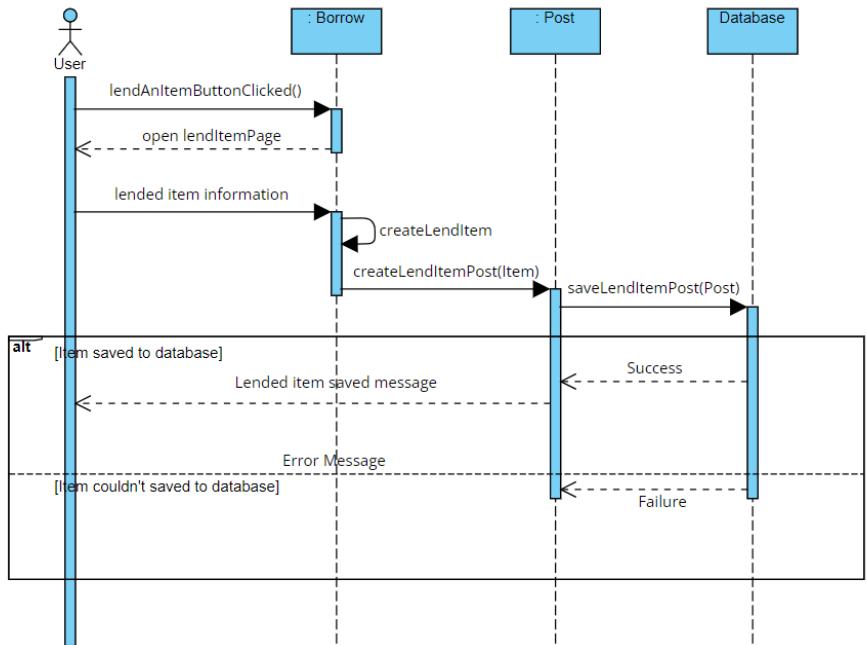


Borrow Scenarios

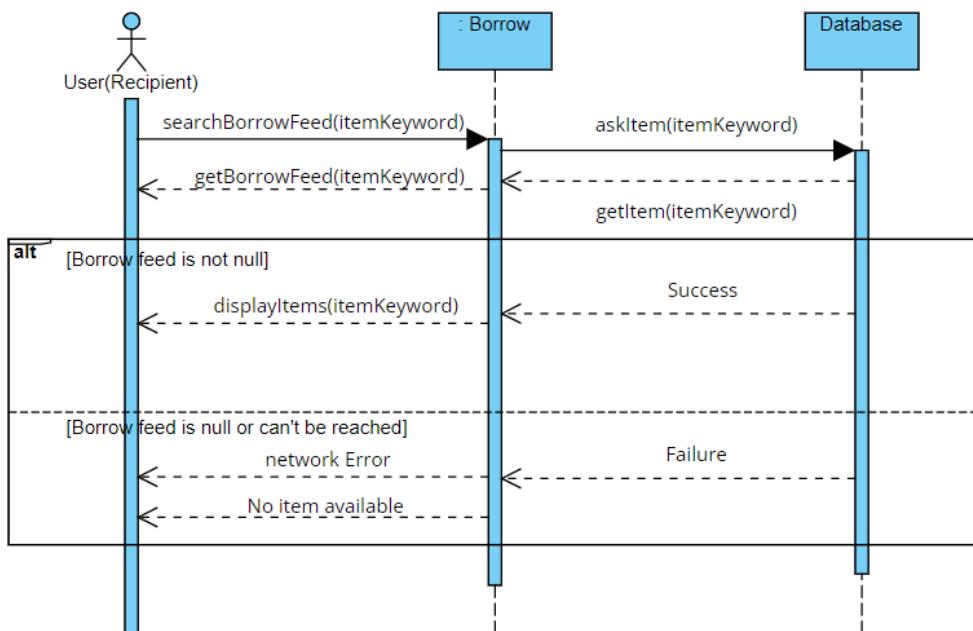
Scenario 1: User opens the borrowing page



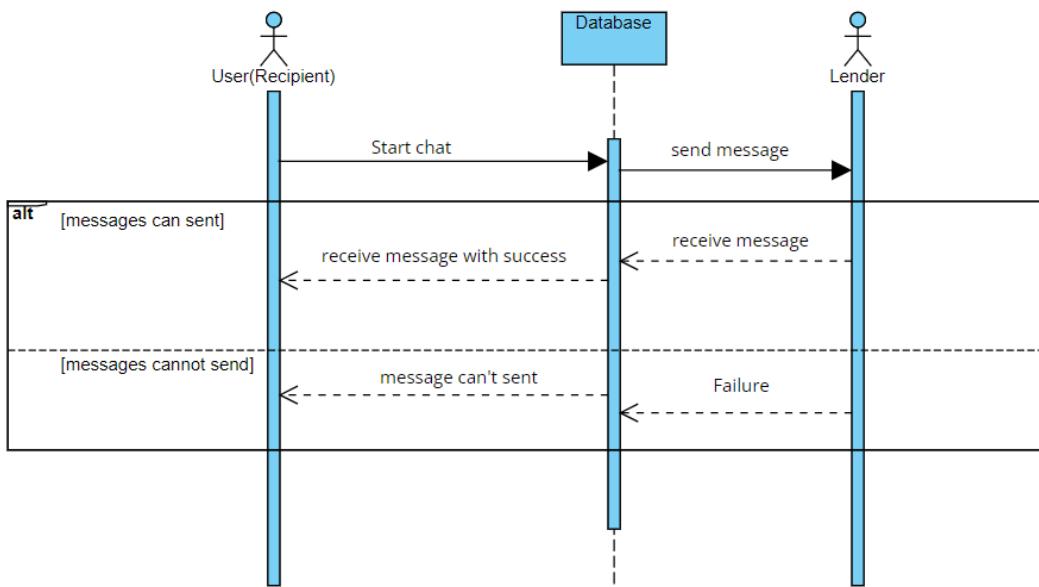
Scenario 2: User posts an item to be borrowed



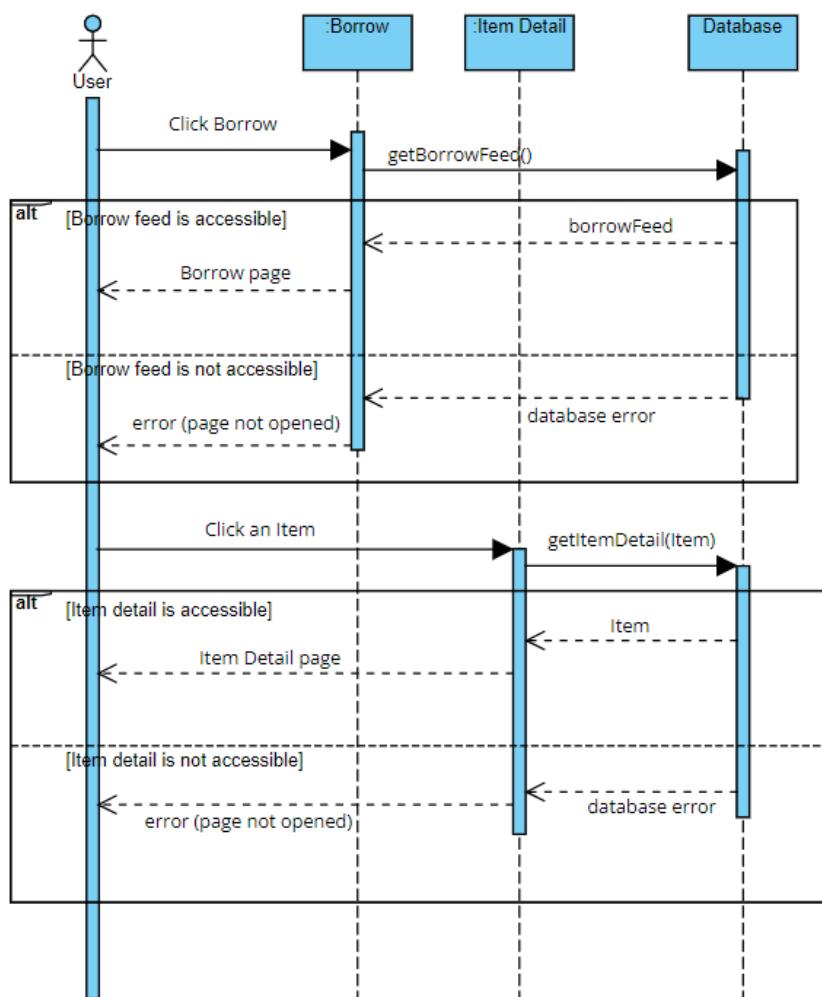
Scenario 3: User searches for an item to borrow



Scenario 4: User request to borrow an item

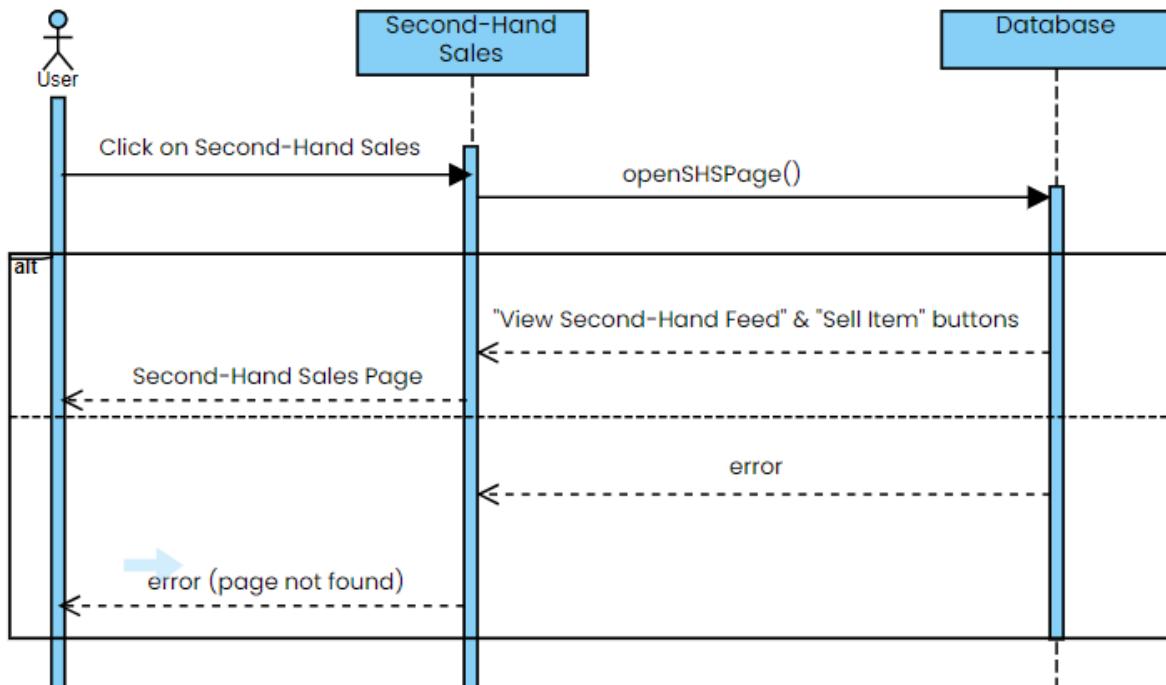


Scenario 5: User views borrow feed

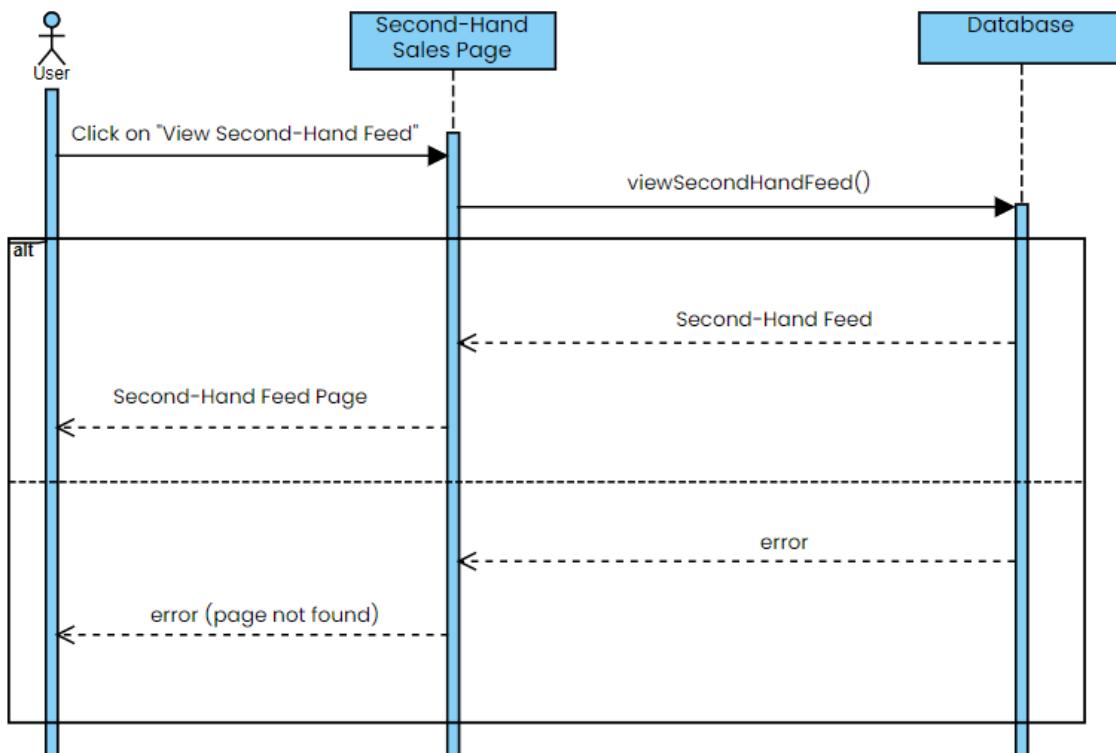


Second-Hand Sales Scenarios

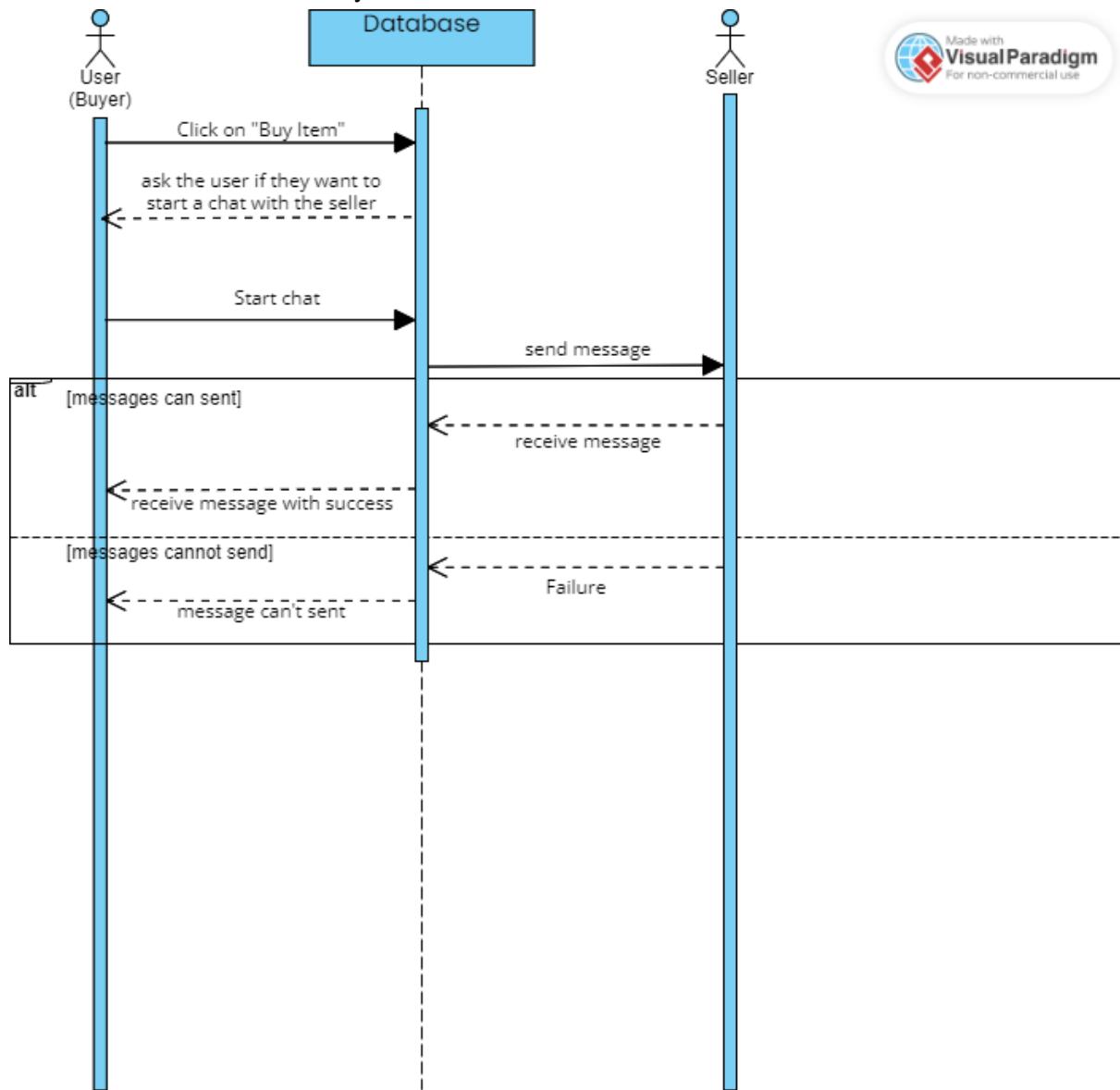
Scenario 1: User opens the Second-Hand Sales page



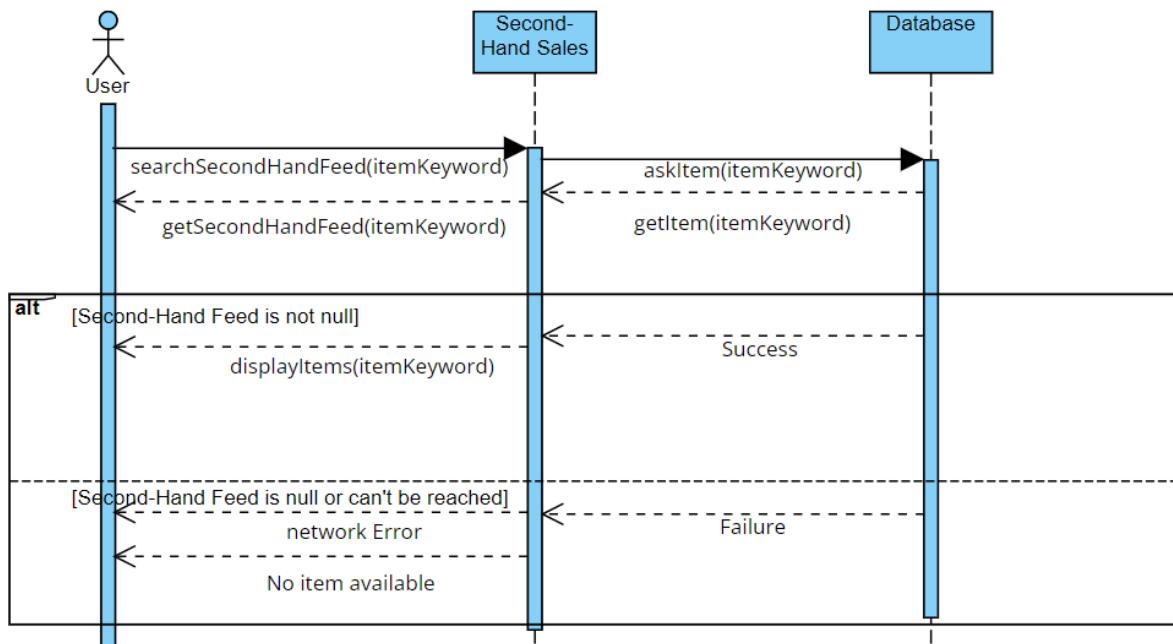
Scenario 2: User opens Second-Hand Feed to look for an item to buy



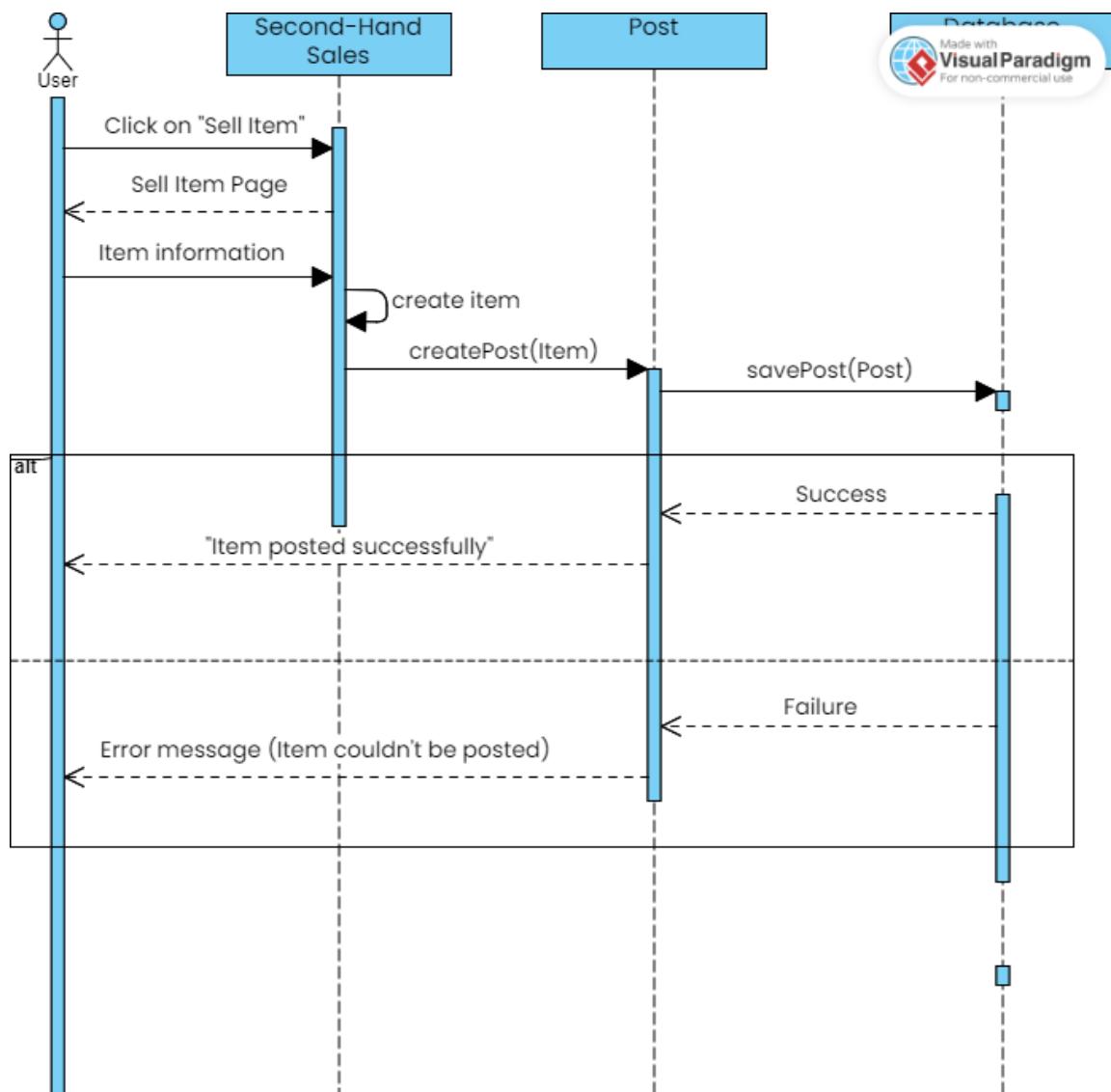
Scenario 3: User wants to buy an item



Scenario 4: User searches for an item to buy

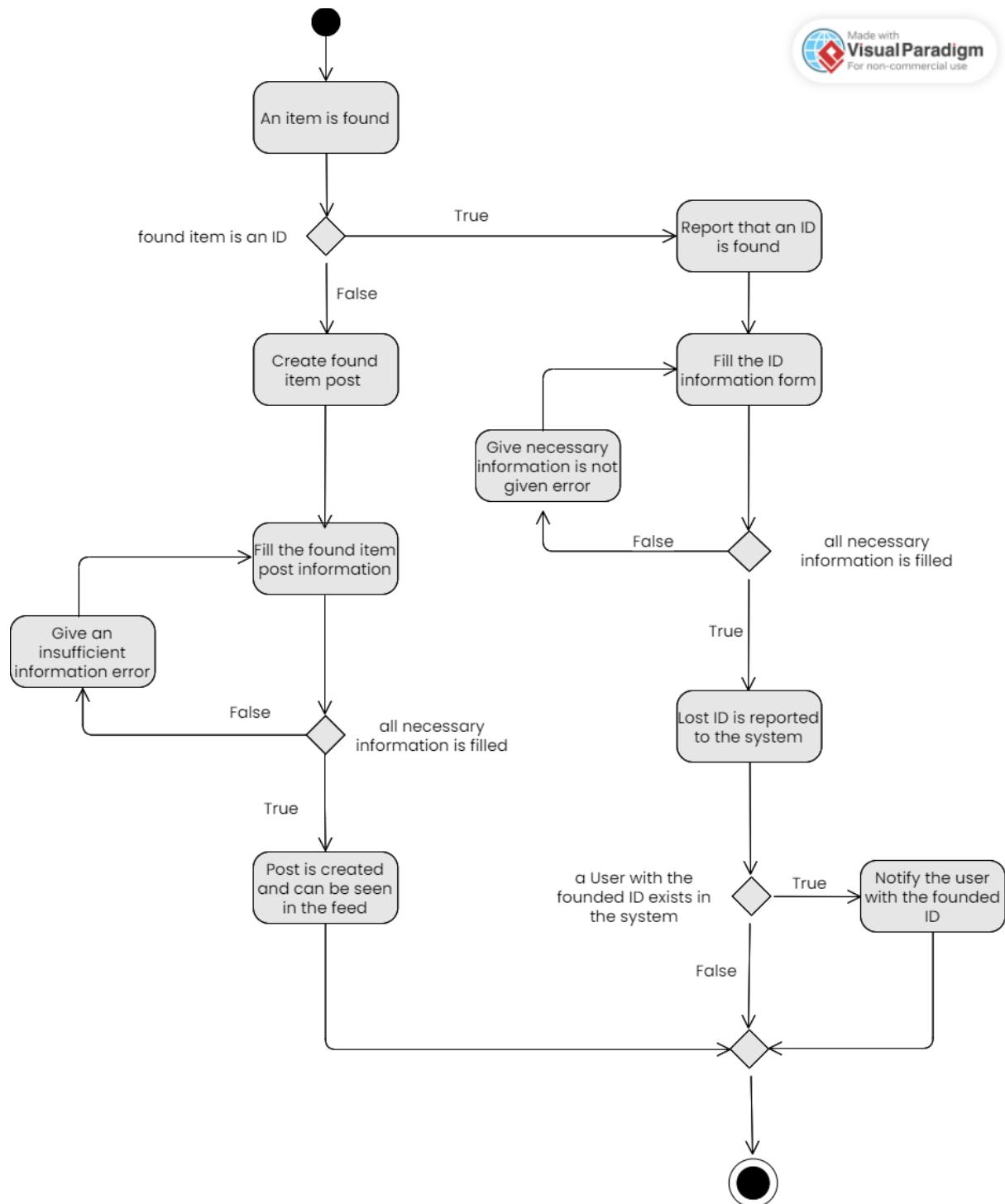


Scenario 5: User wants to sell an item

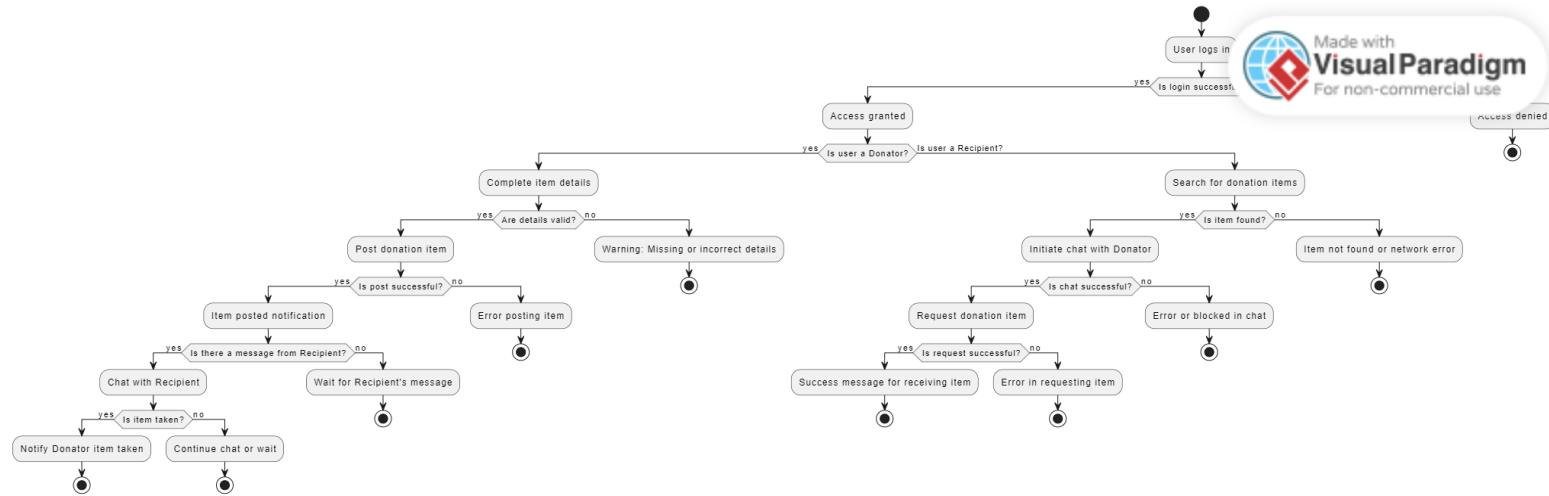


2) Activity Diagrams

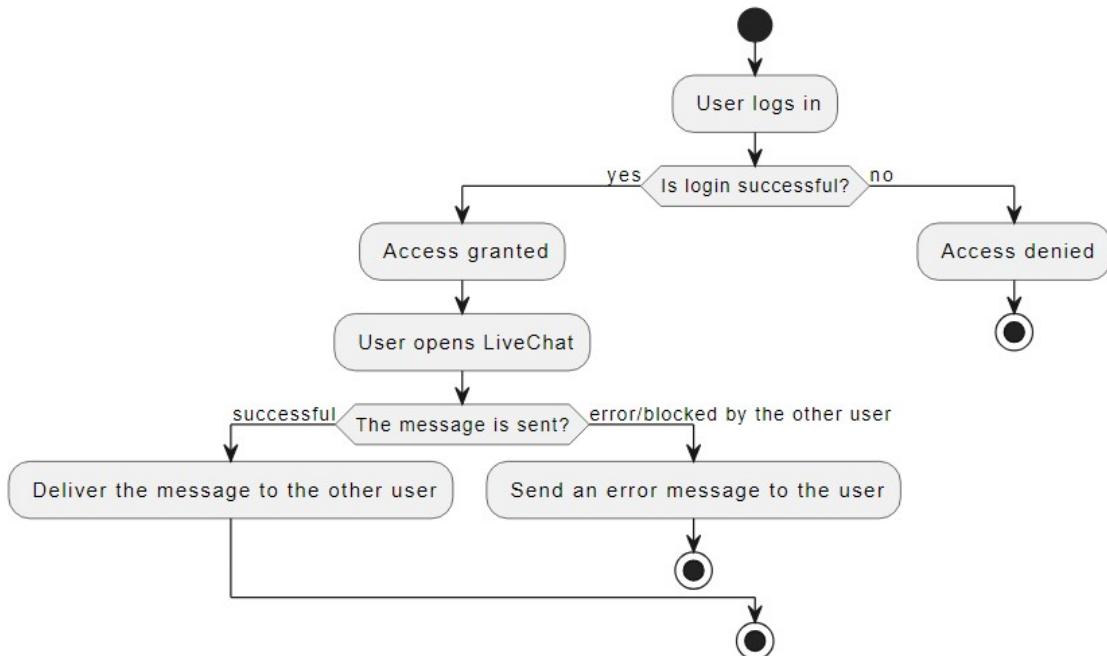
Lost & Found



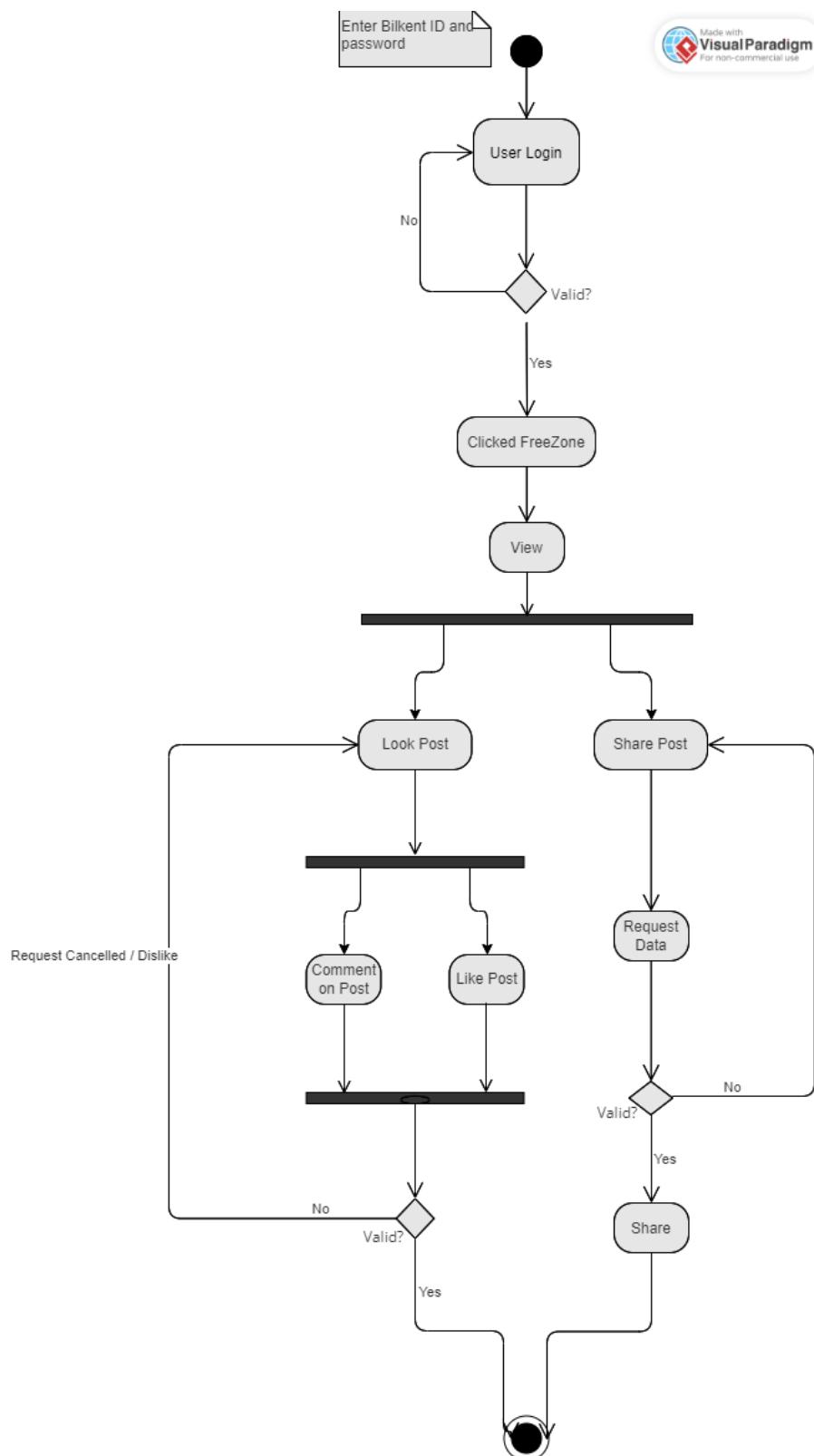
Donation



LiveChat

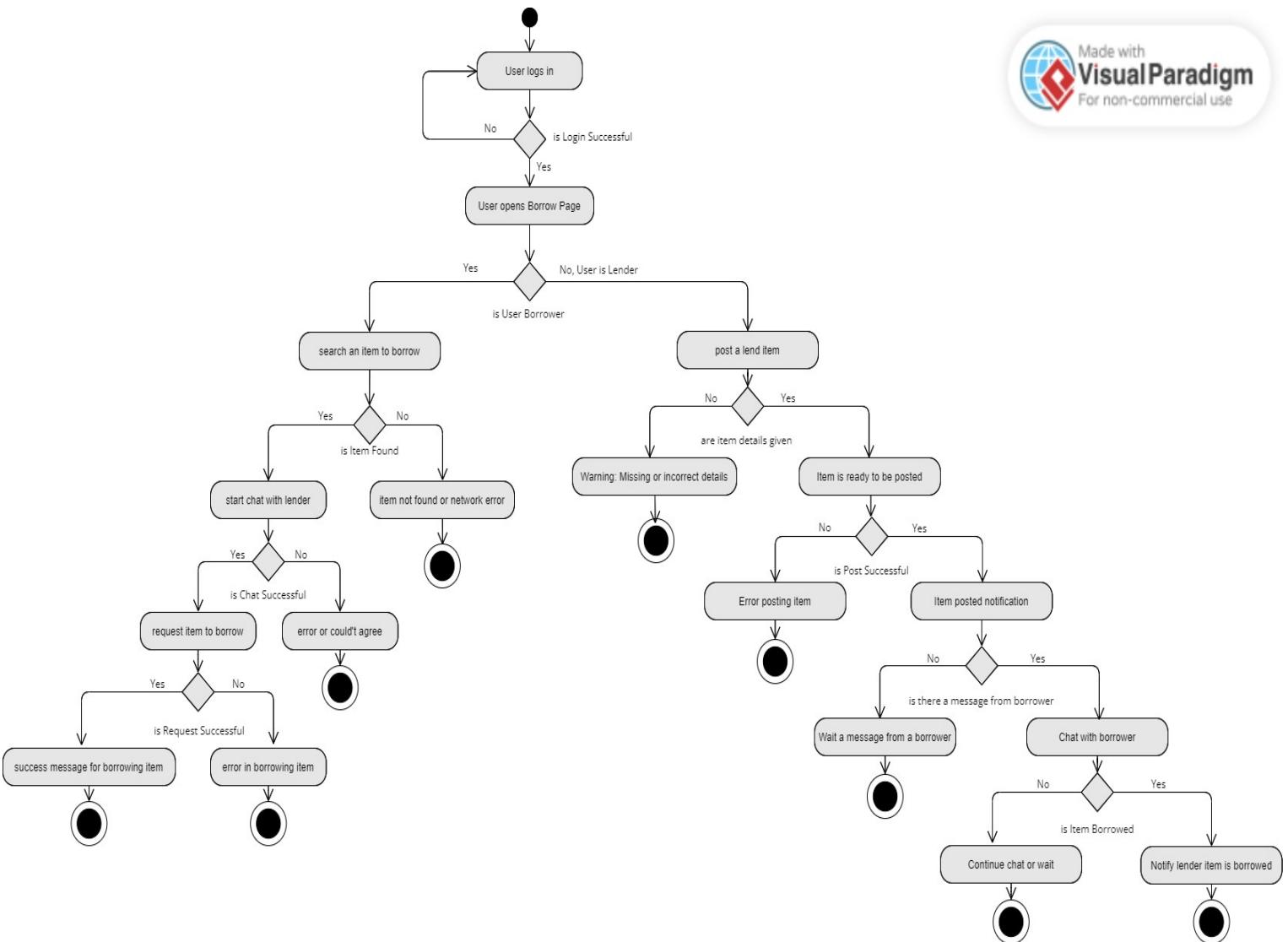


FreeZone

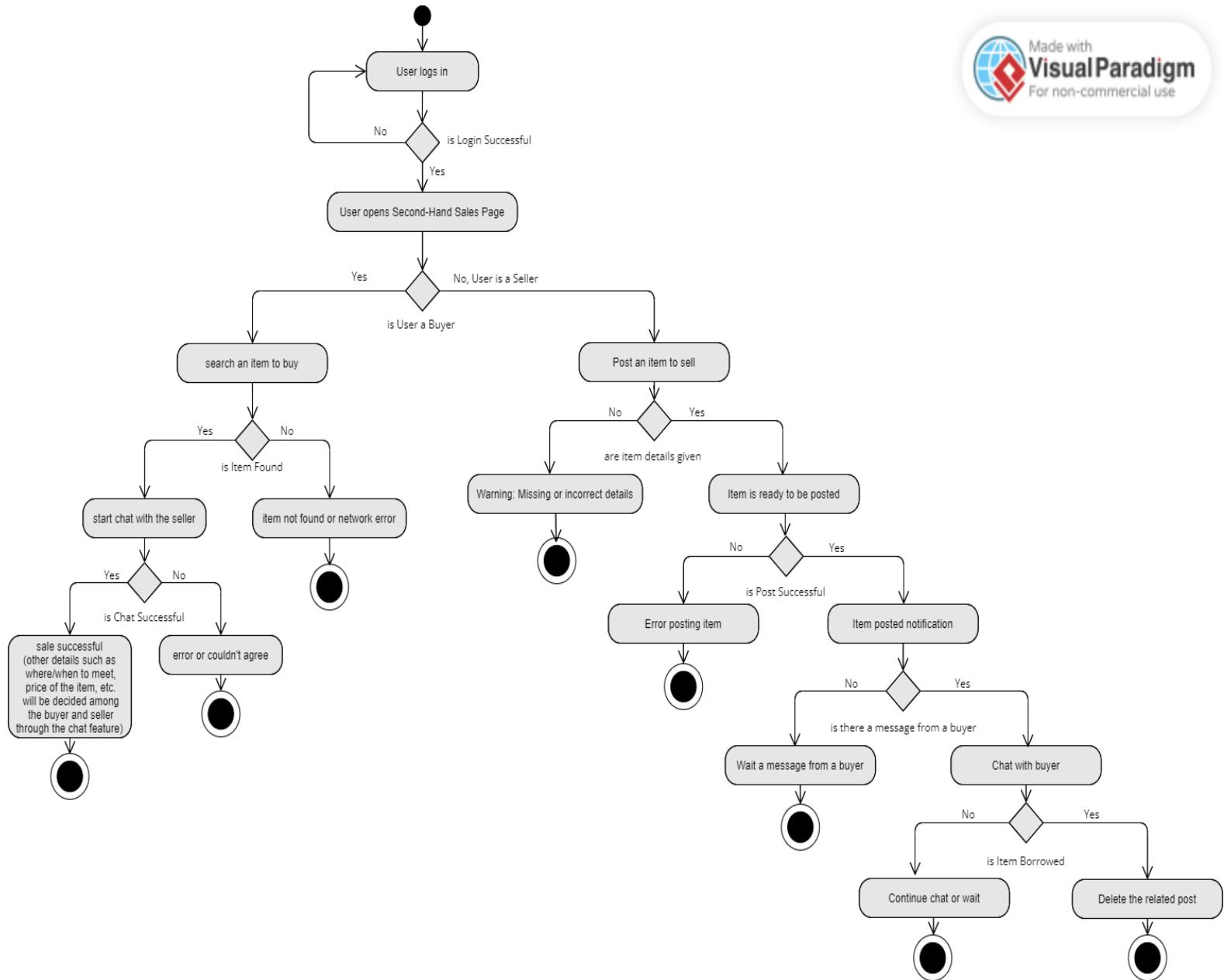


Borrow

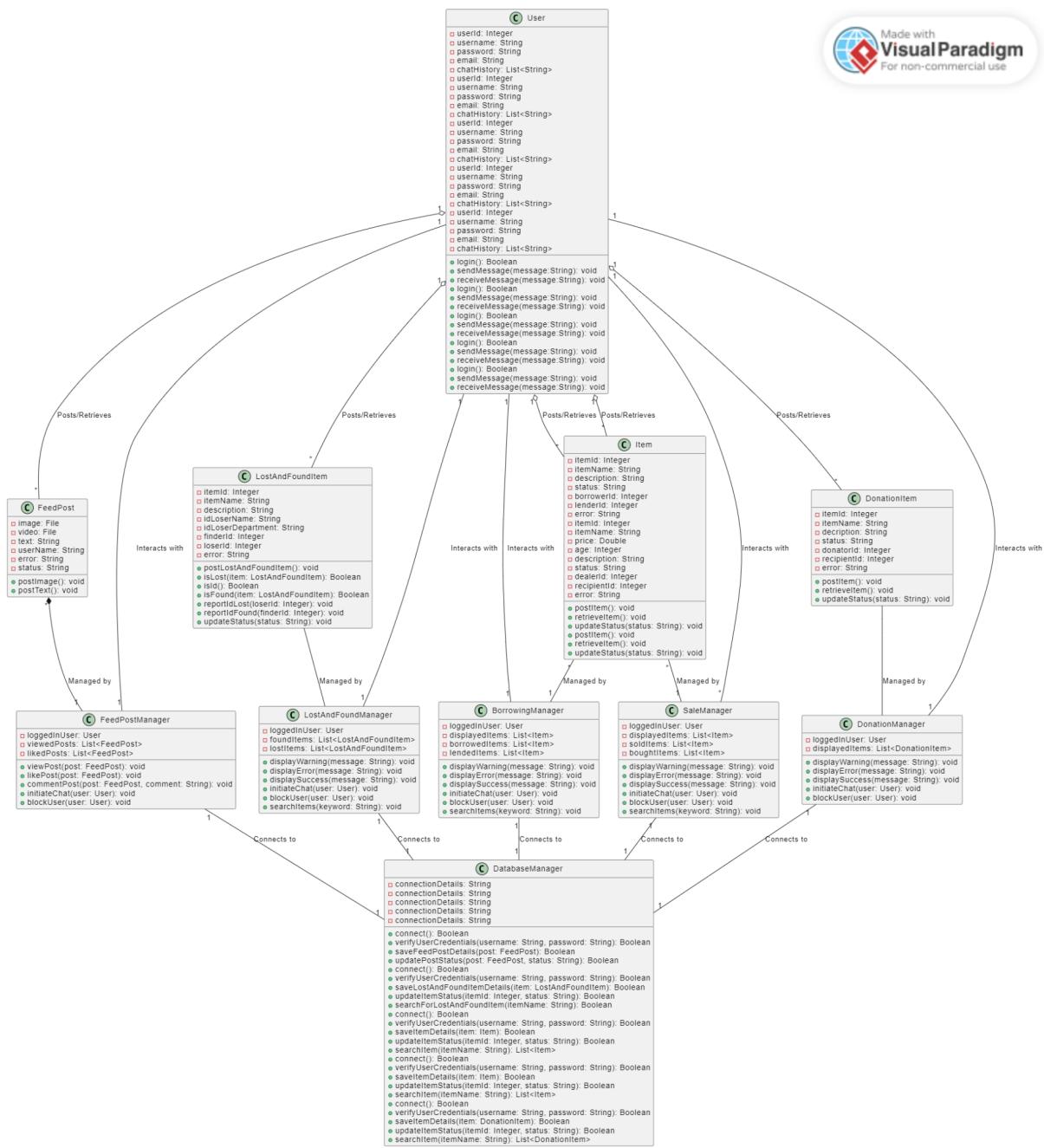
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Second-Hand Sales

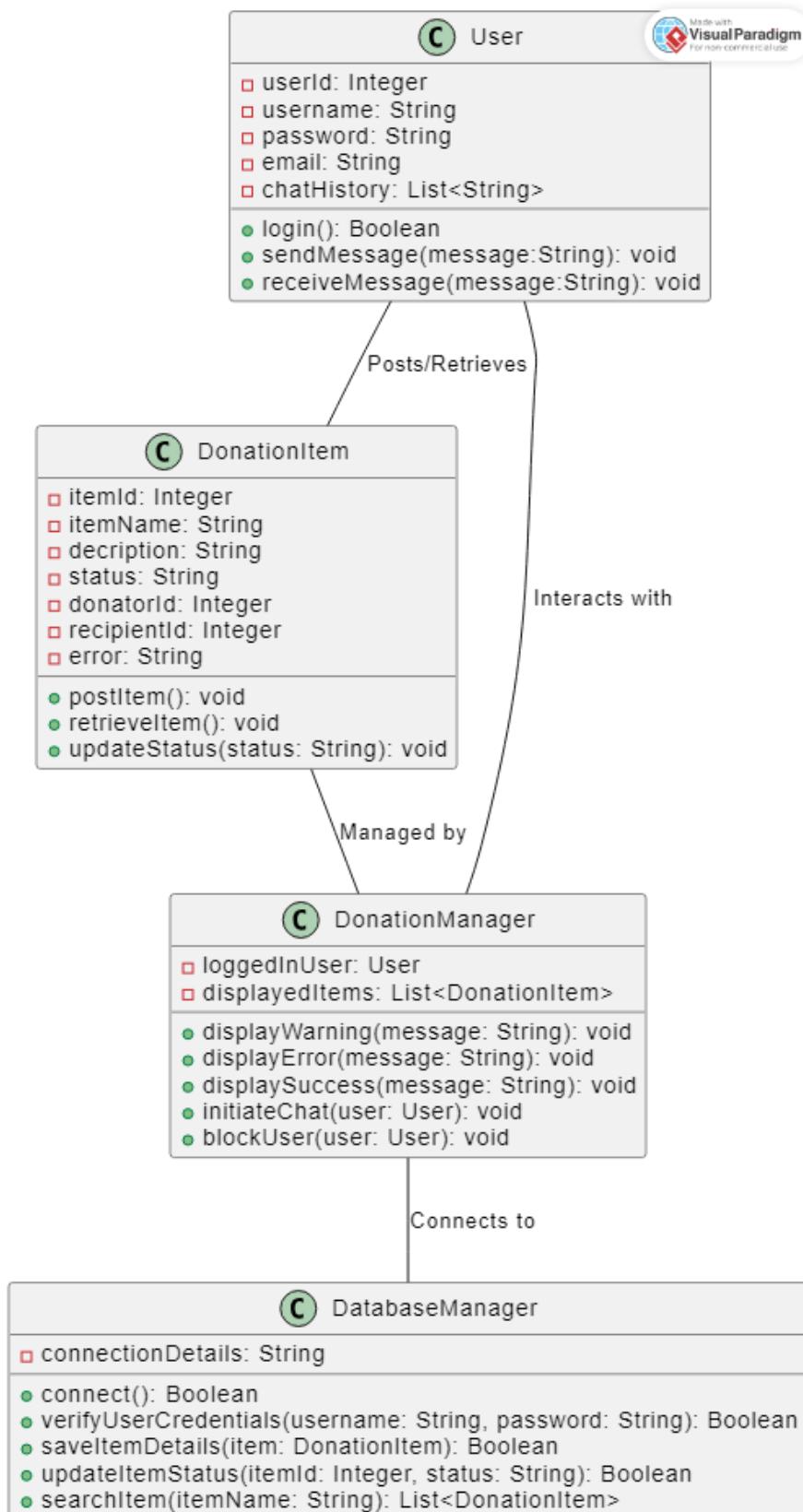


3) Class Diagrams

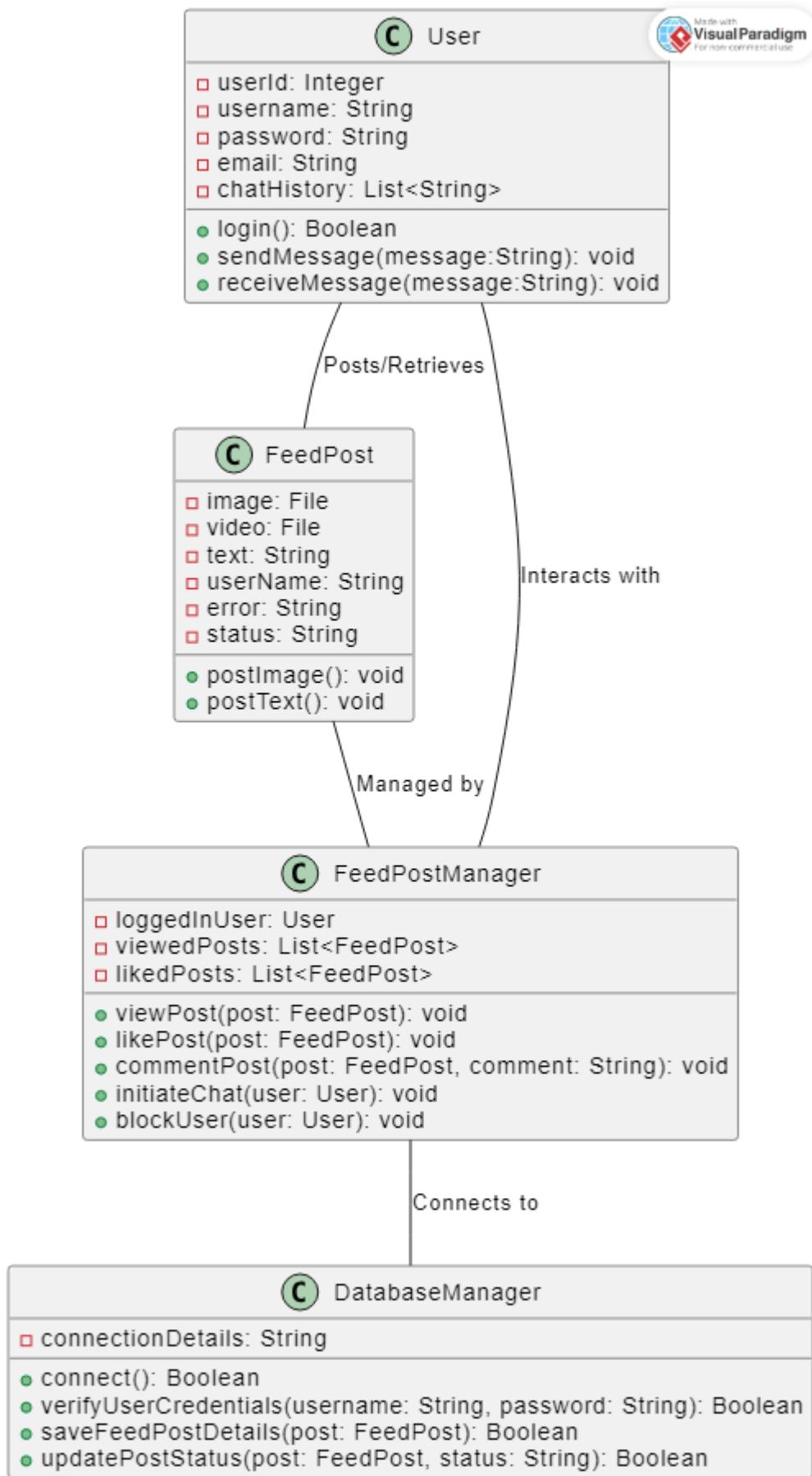


This is the collection of the classes of our system.

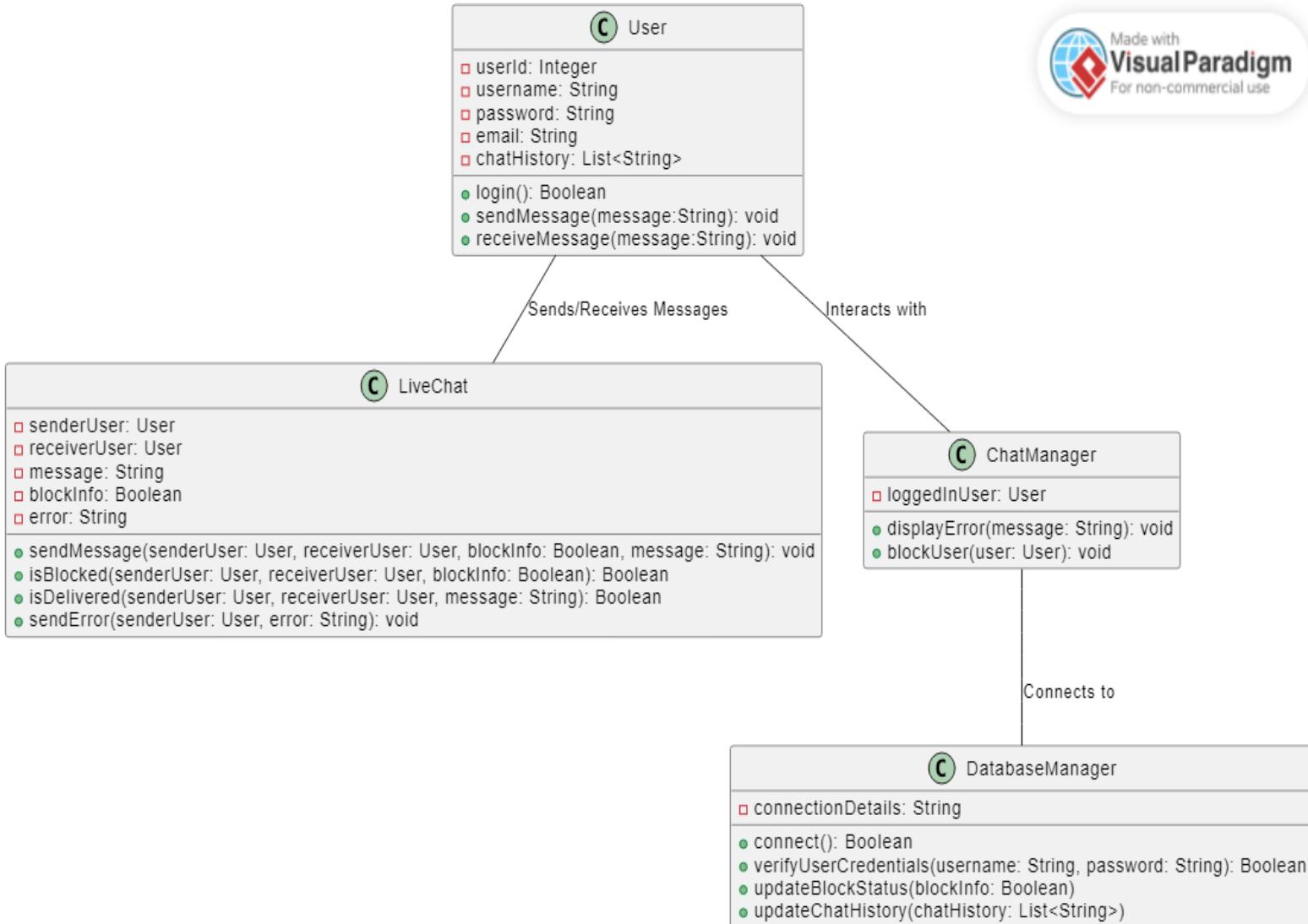
Donation



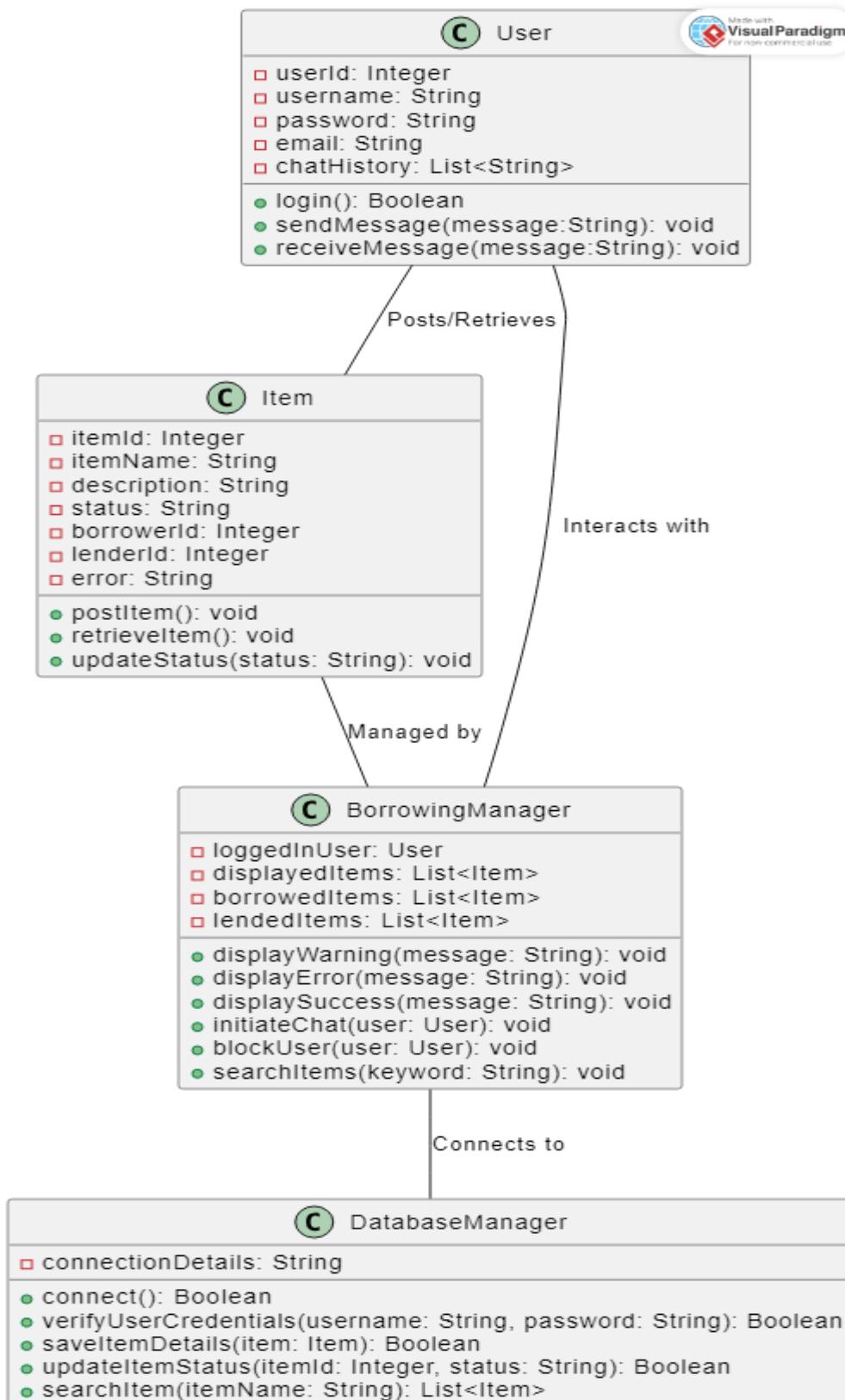
FreeZone



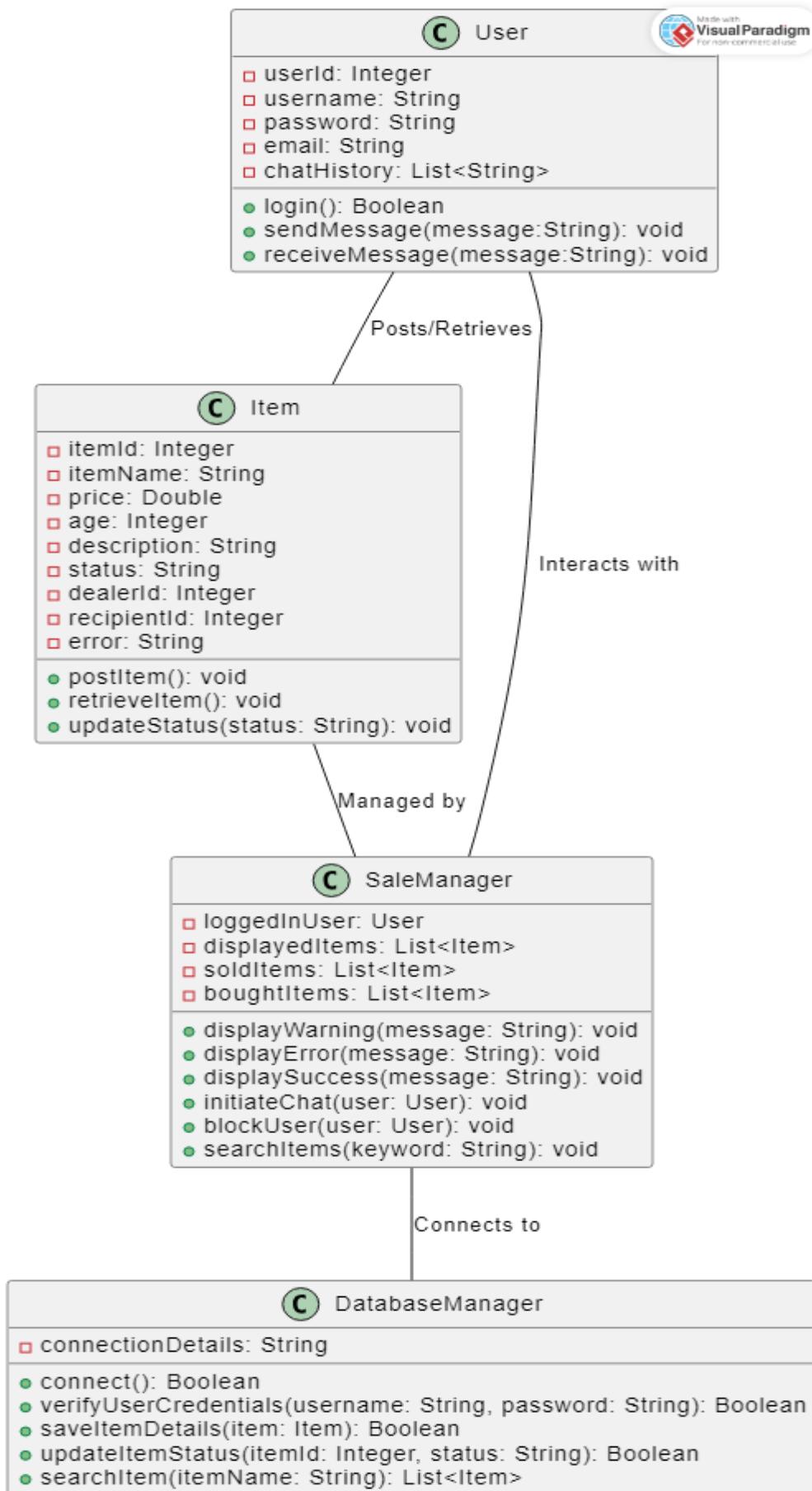
LiveChat



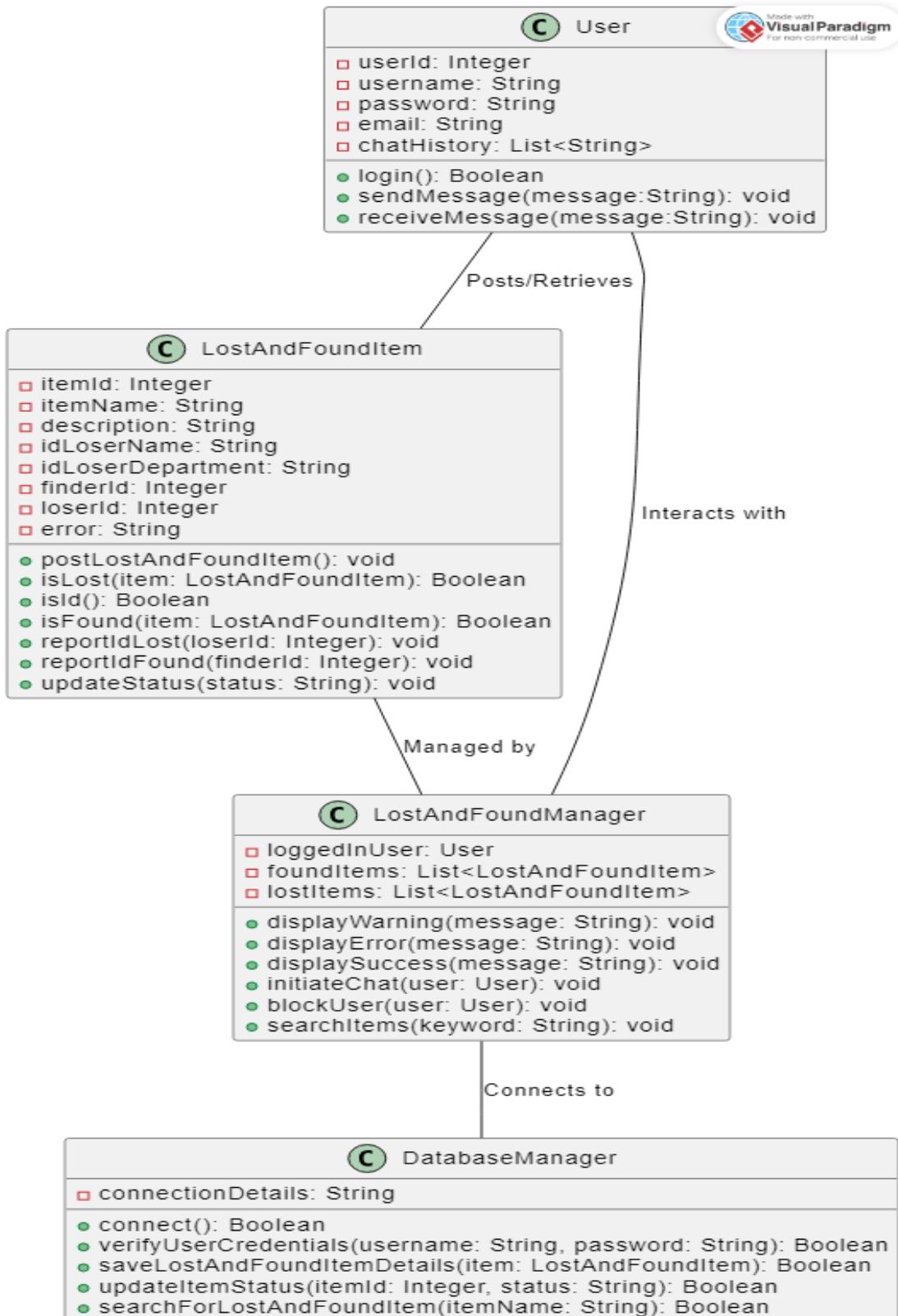
Borrow



Second-Hand Sales

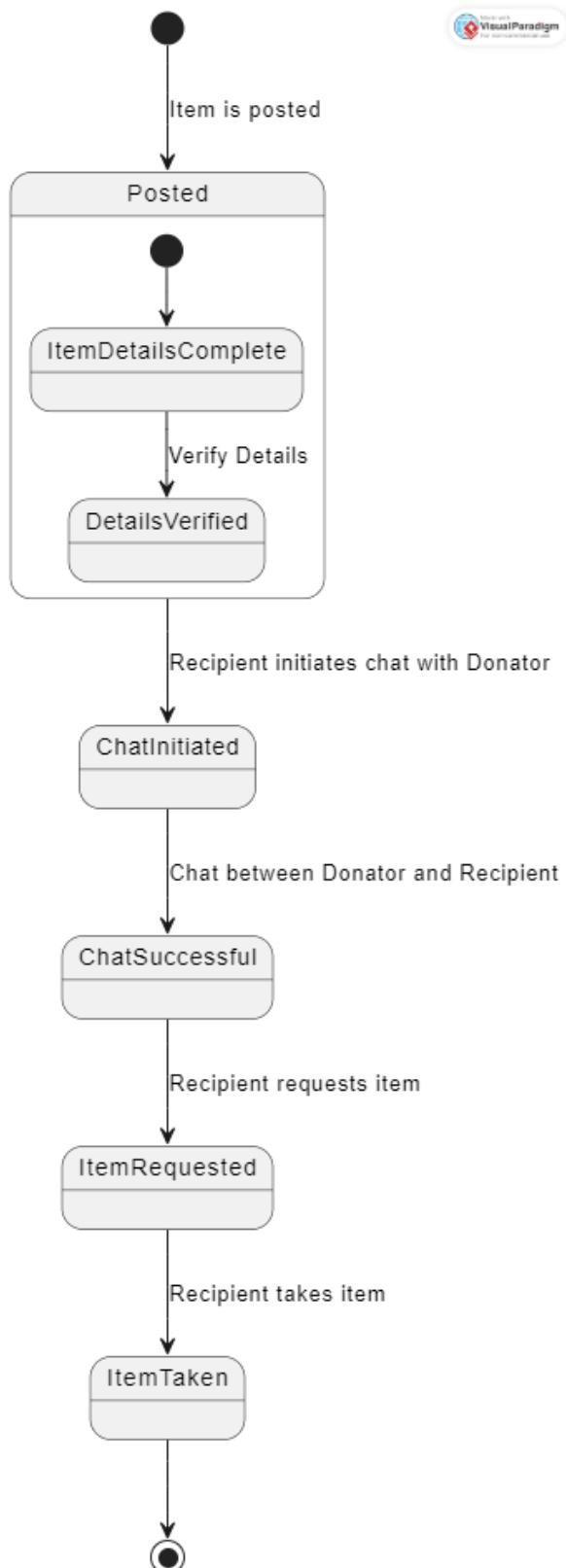


Lost & Found



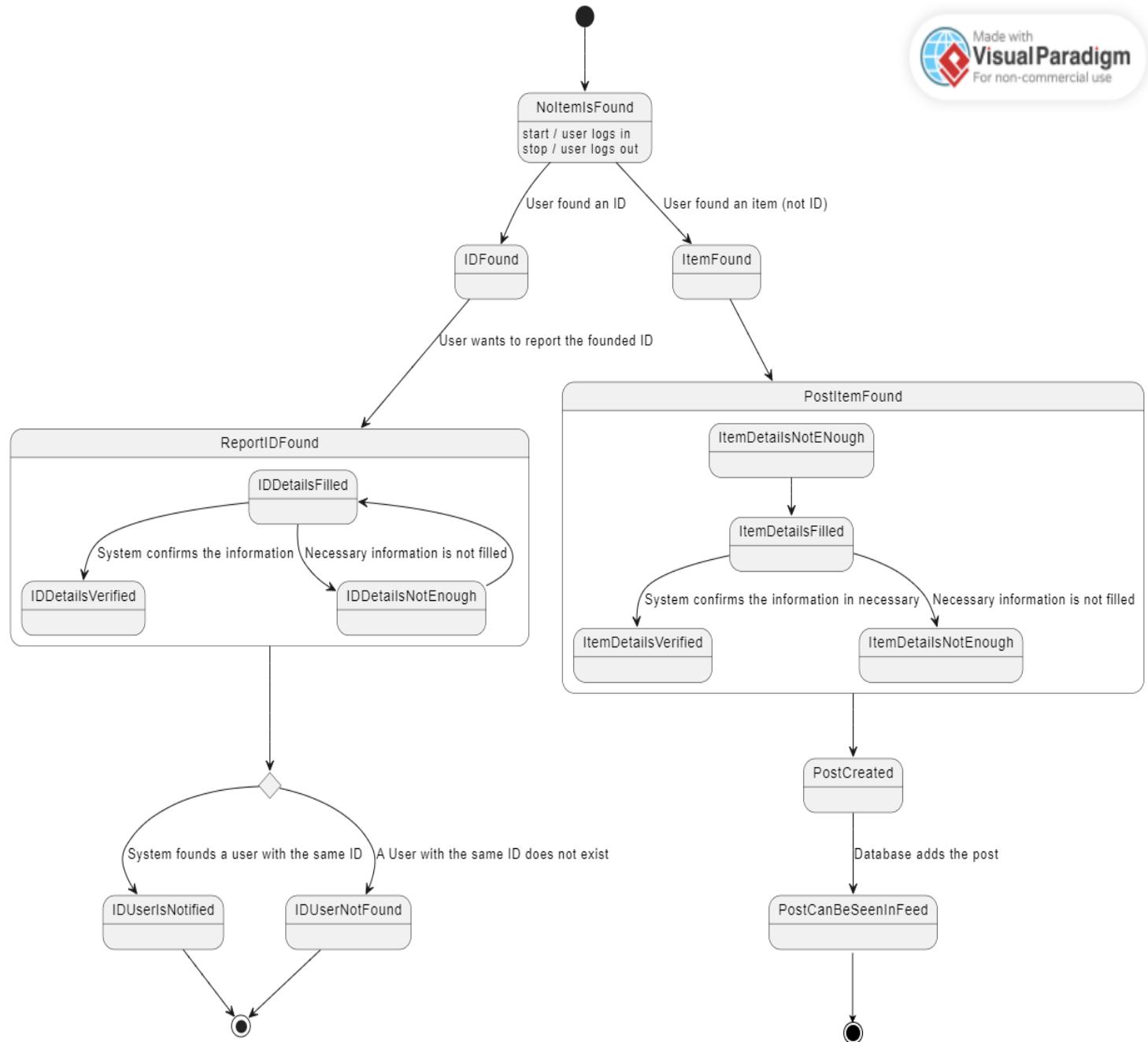
4) State Diagrams

Donation

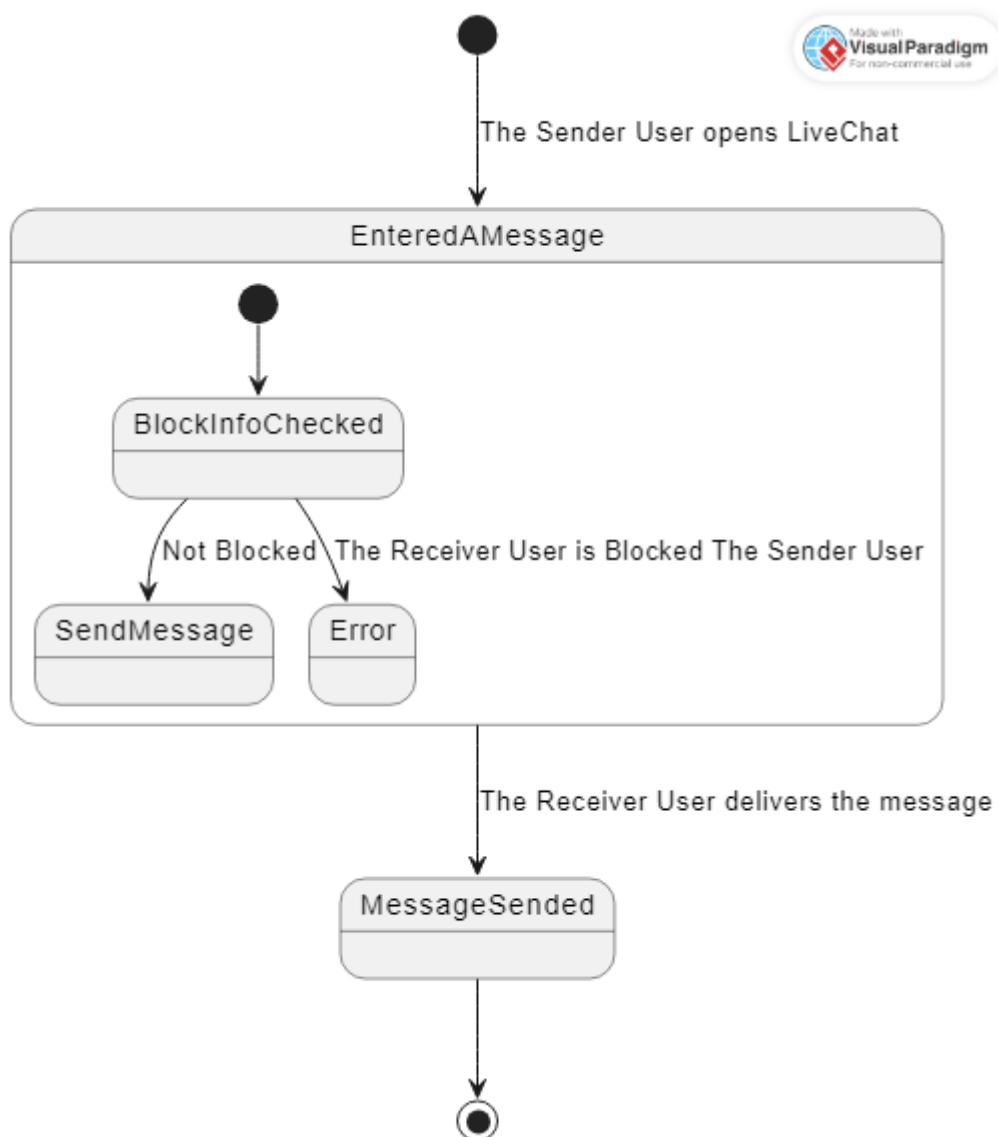


Lost & Found

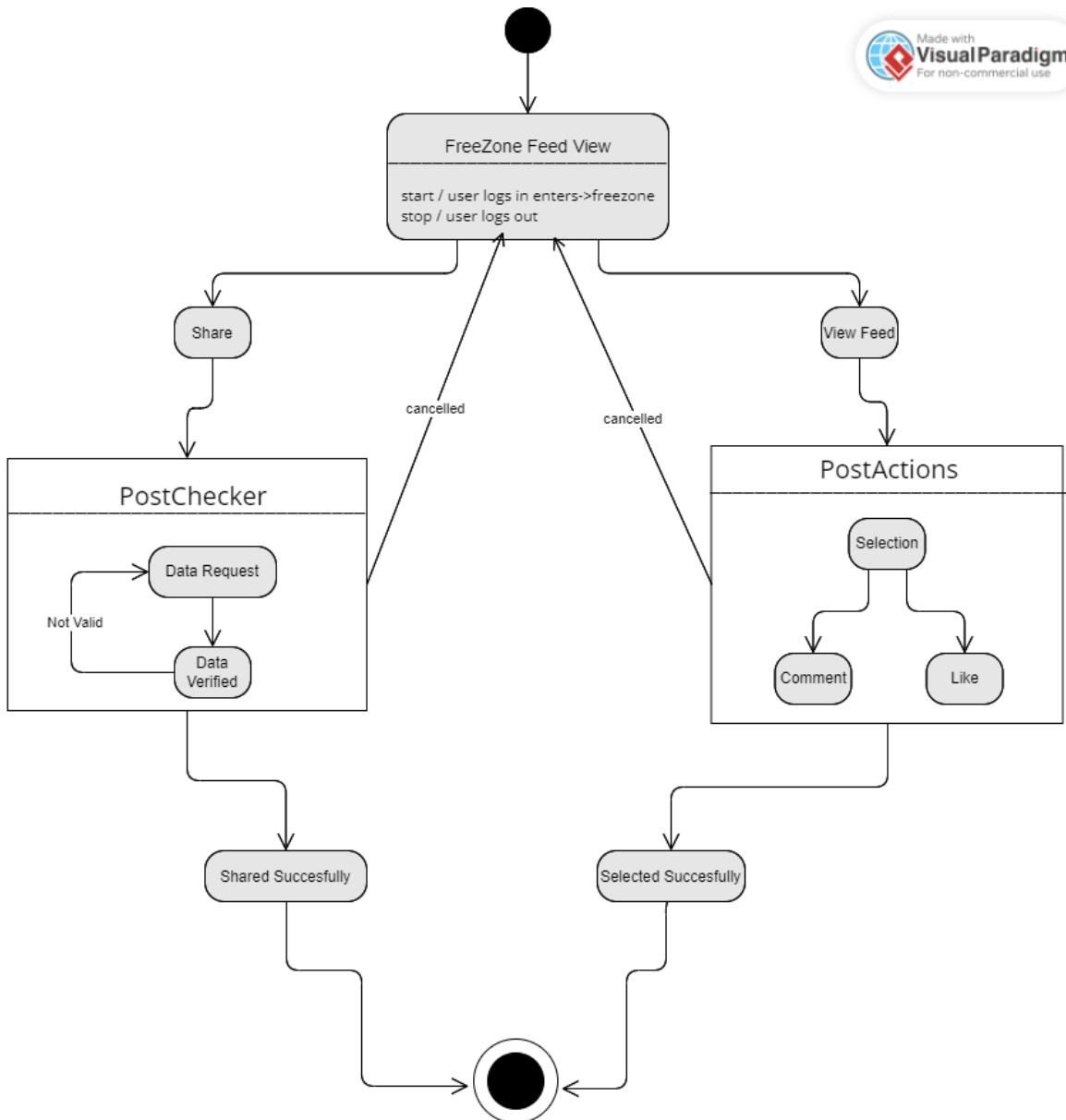
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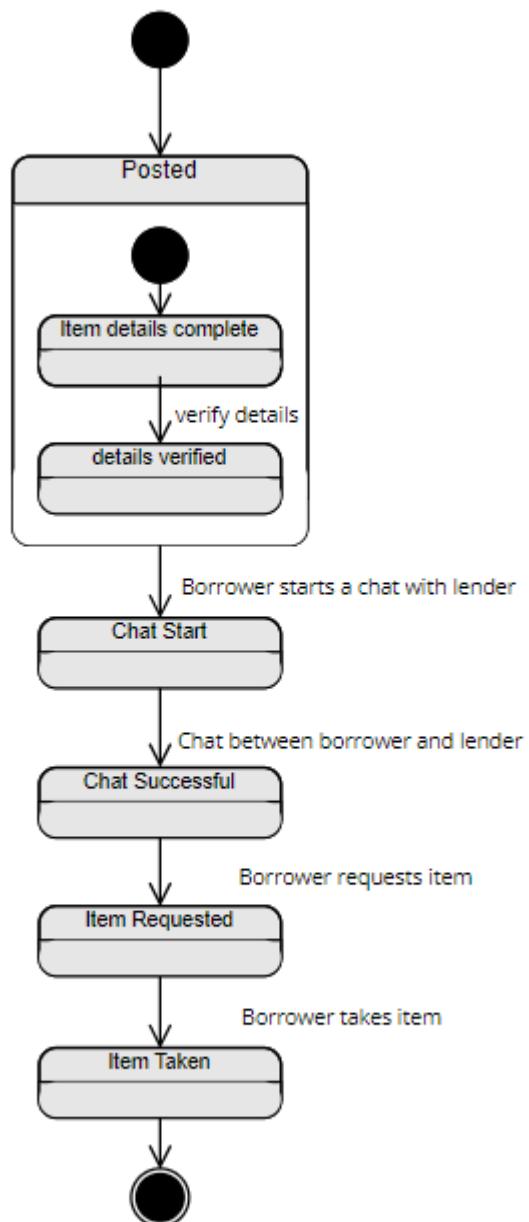
LiveChat



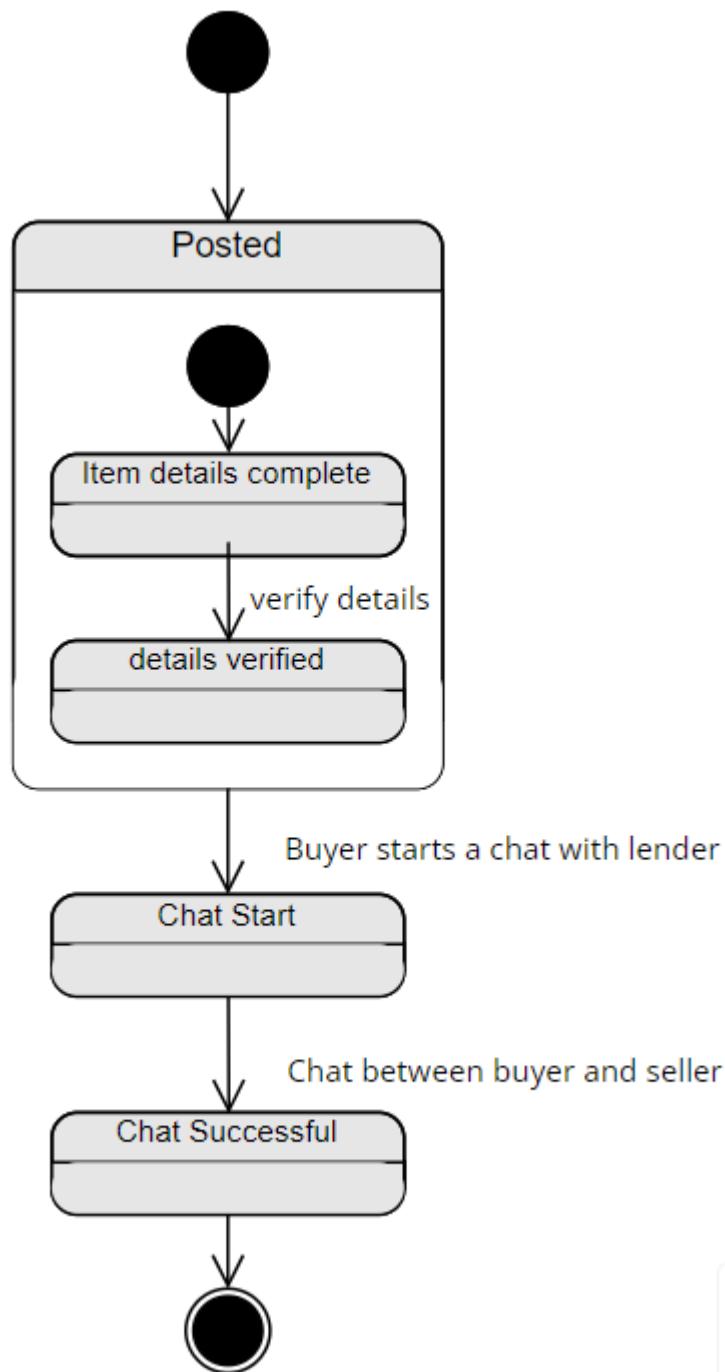
FreeZone



Borrow

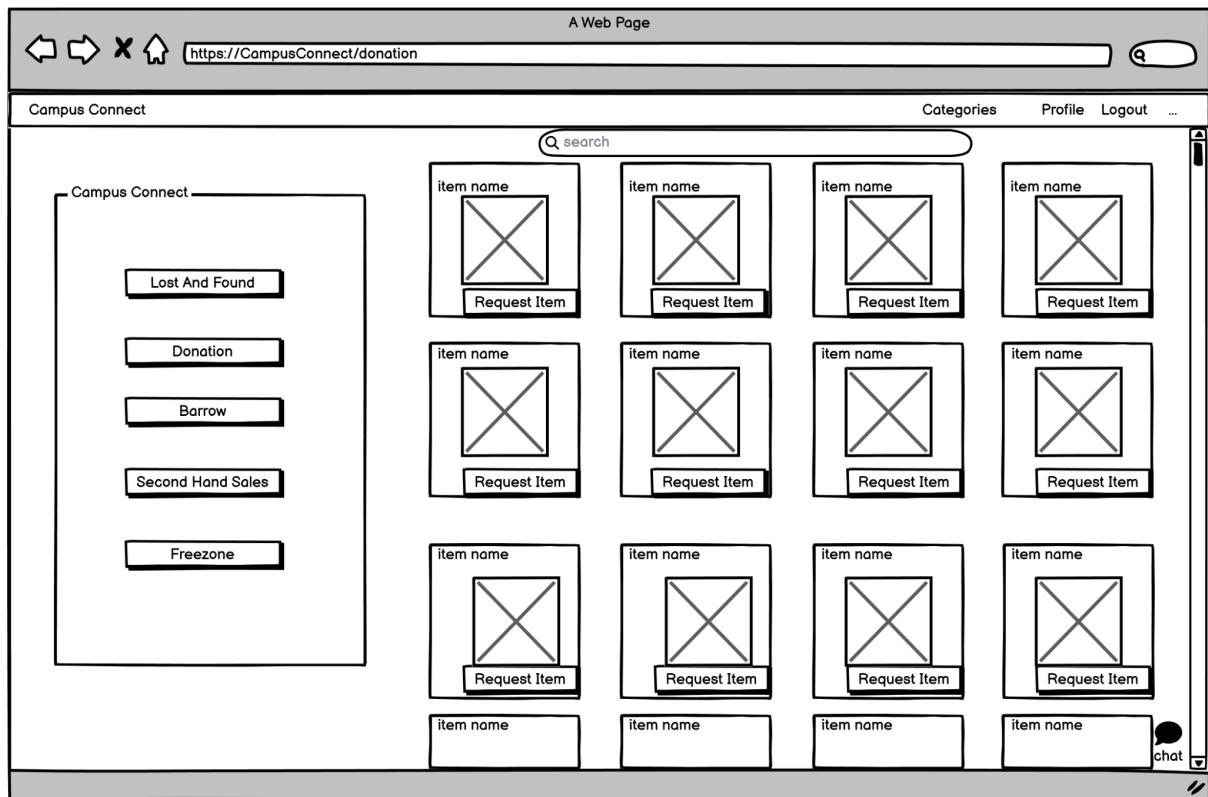


Second-Hand Sales

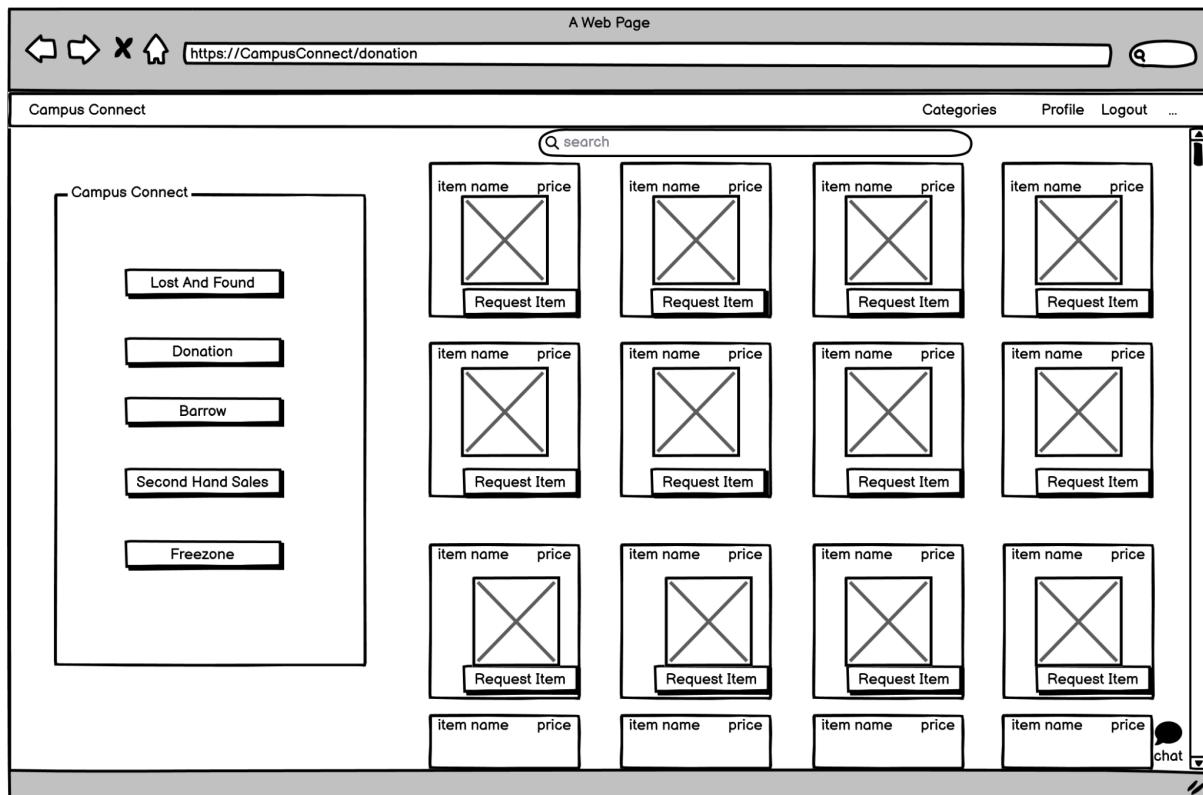


5) Mockup

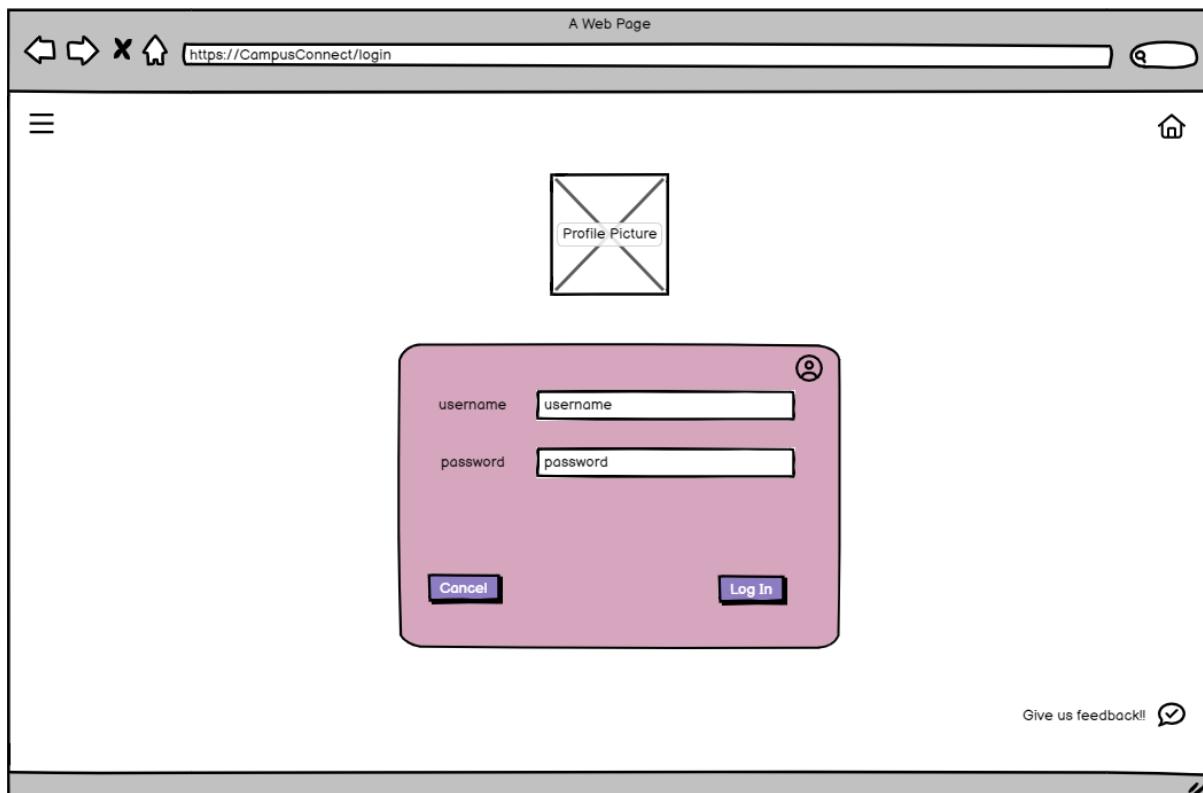
Donation/ Borrow/ Lost & Found



Second-Hand Sales



Log In Page



Register Page

A Web Page
https://CampusConnect/register

≡ ⌂

Register To CampusConnect

Name	<input type="text" value="Enter your name"/>
Surname	<input type="text" value="Enter your surname"/>
Bilkent e-mail	<input type="text" value="Enter your e-mail"/>
Bilkent ID number	<input type="text" value="Enter your ID number"/>
Username	<input type="text" value="Enter your username"/>
Password	<input type="text" value="Enter your password"/>

Cancel Register

LiveChat

A Web Page
https://CampusConnect/livechat

Campus Connect Categories Profile Logout ...

search

Campus Connect

-
-
-
-
-

LiveChat 😊

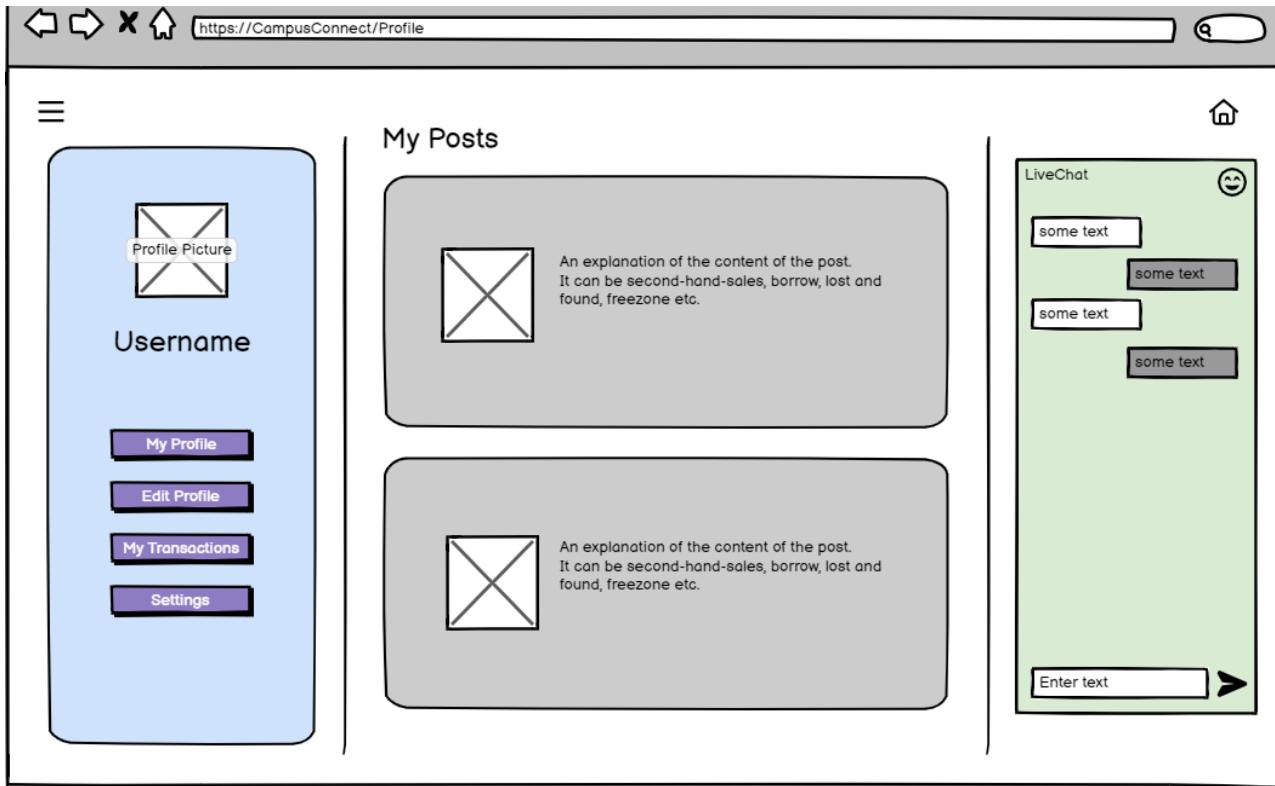
Hello!

Hello!

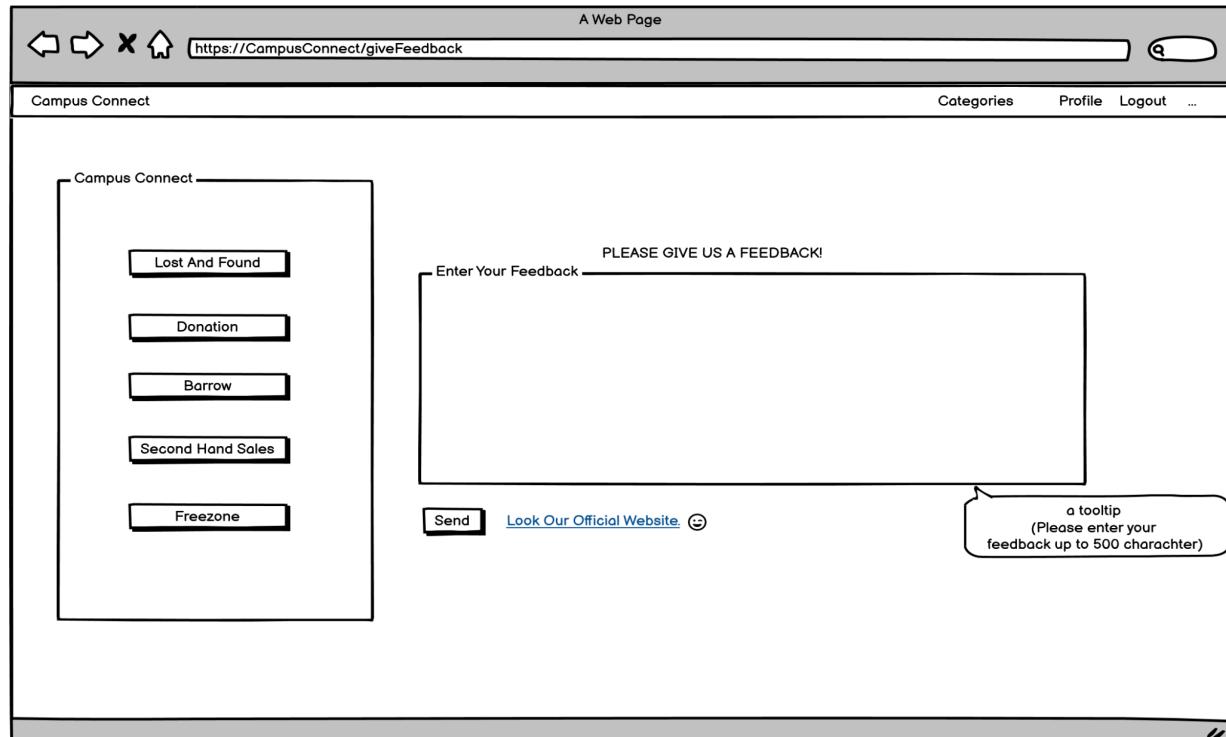
I want to buy Basys3.

Enter the message

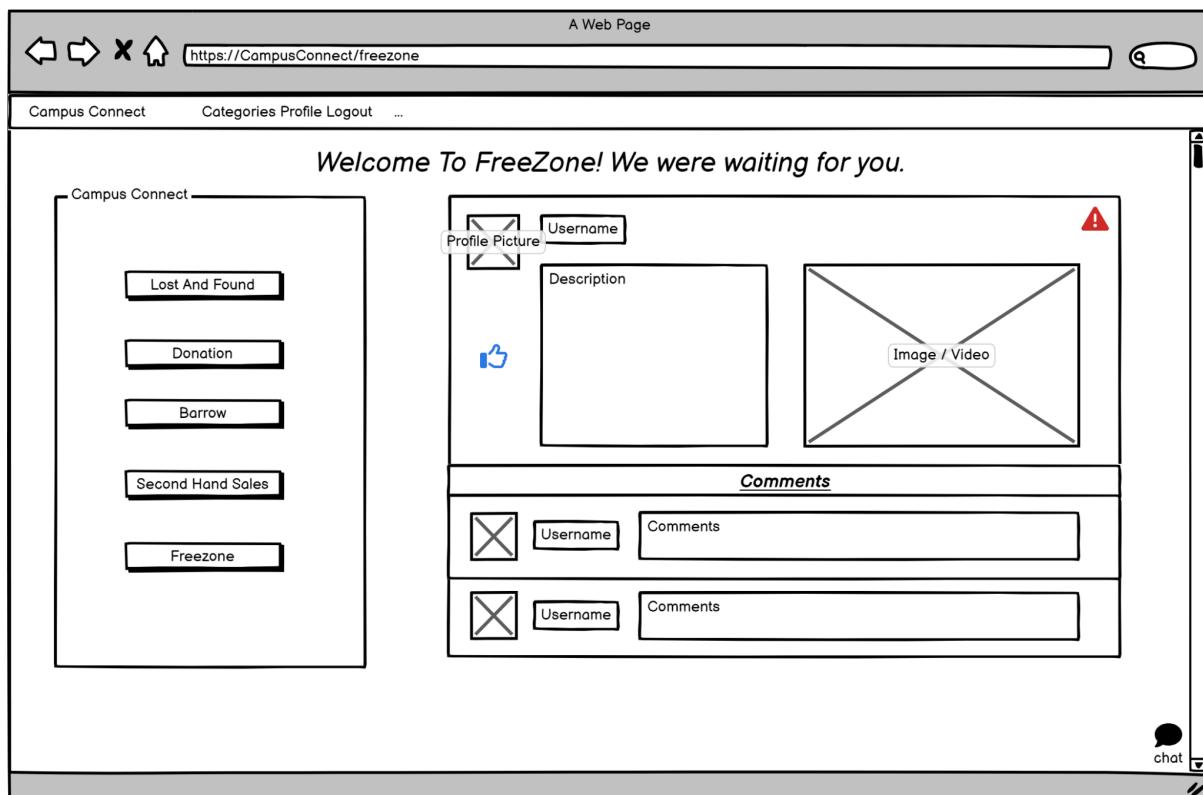
Profile Page



Feedback Screen



FreeZone



Scrolling down through the FreeZone page.

