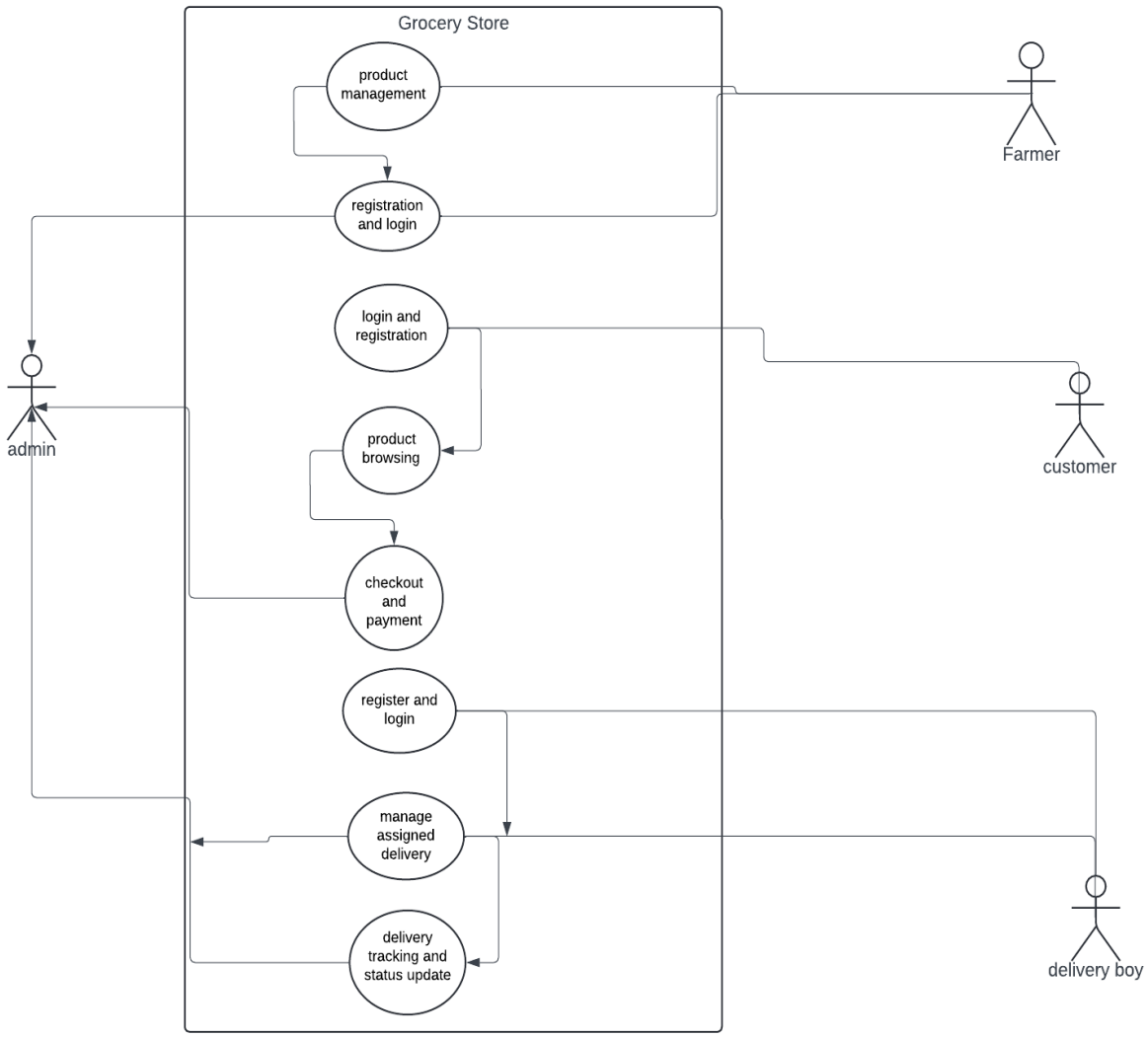
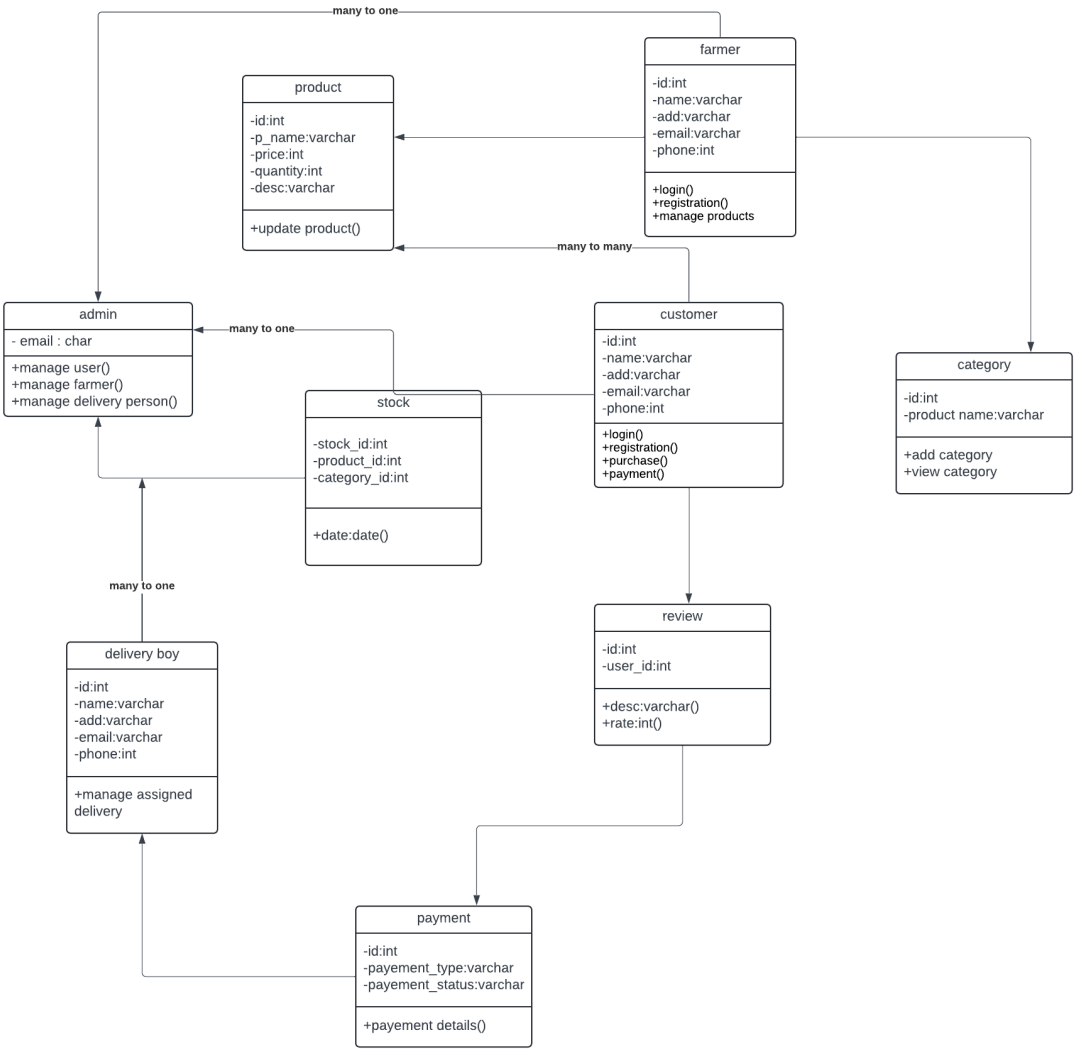
UML DIAGRAMS

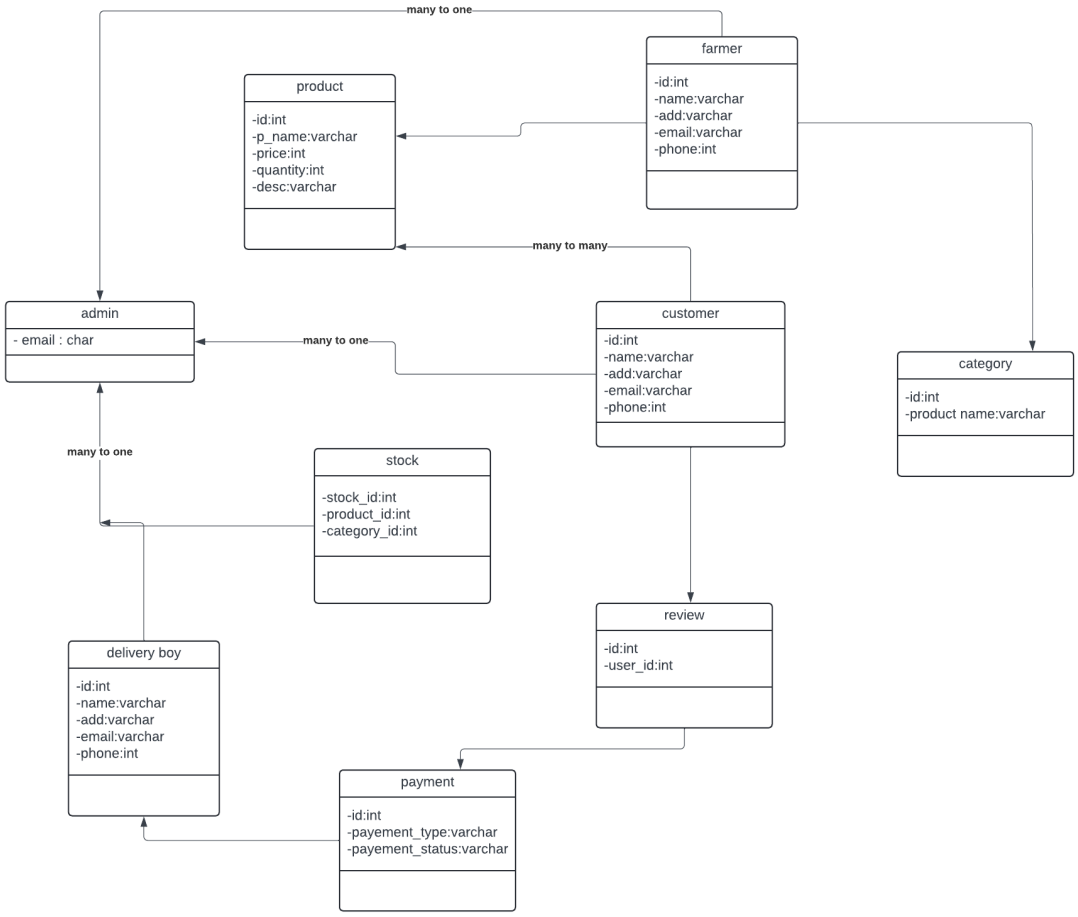
1. Use case diagram



2. Class diagram

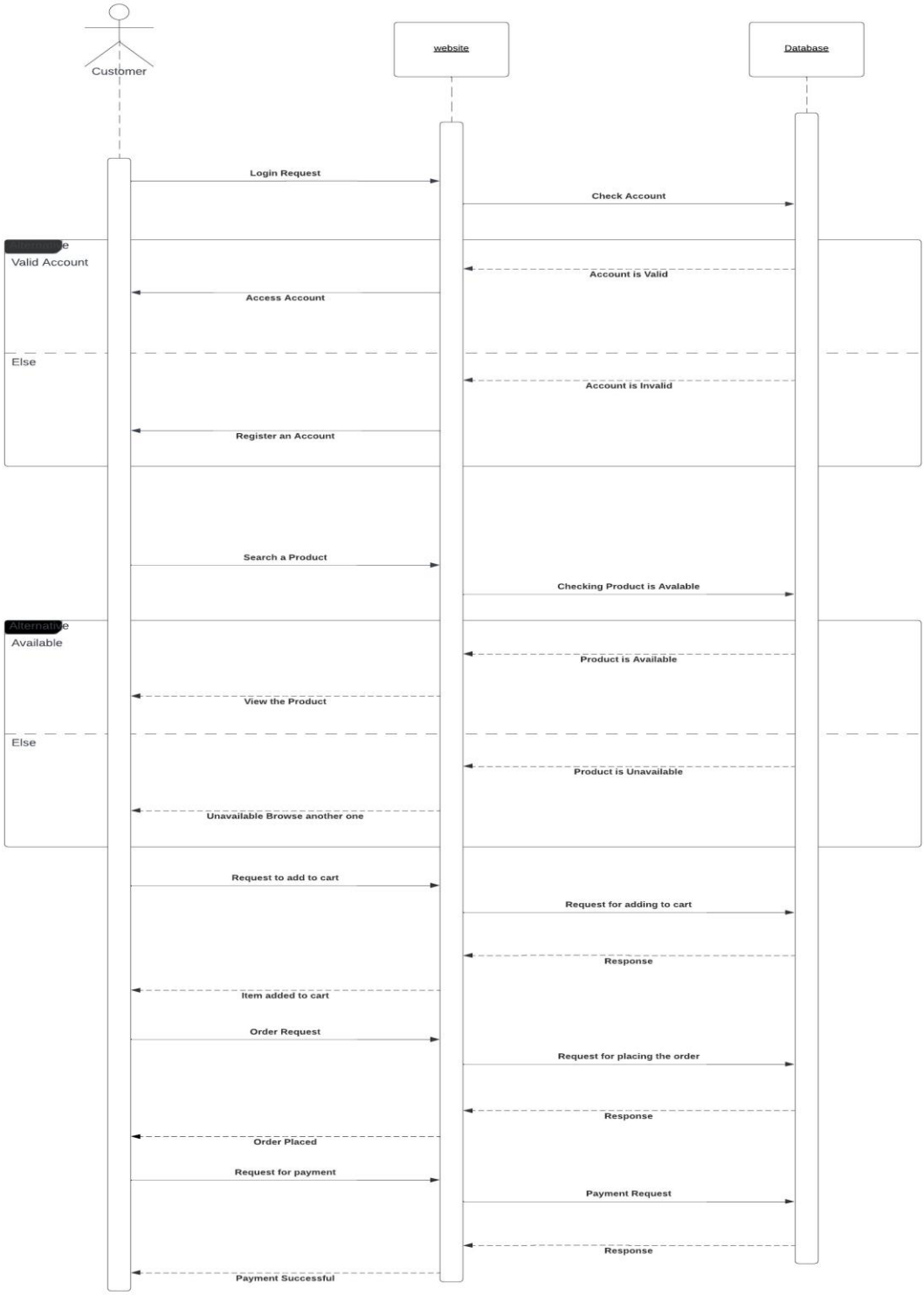


3. Object diagram

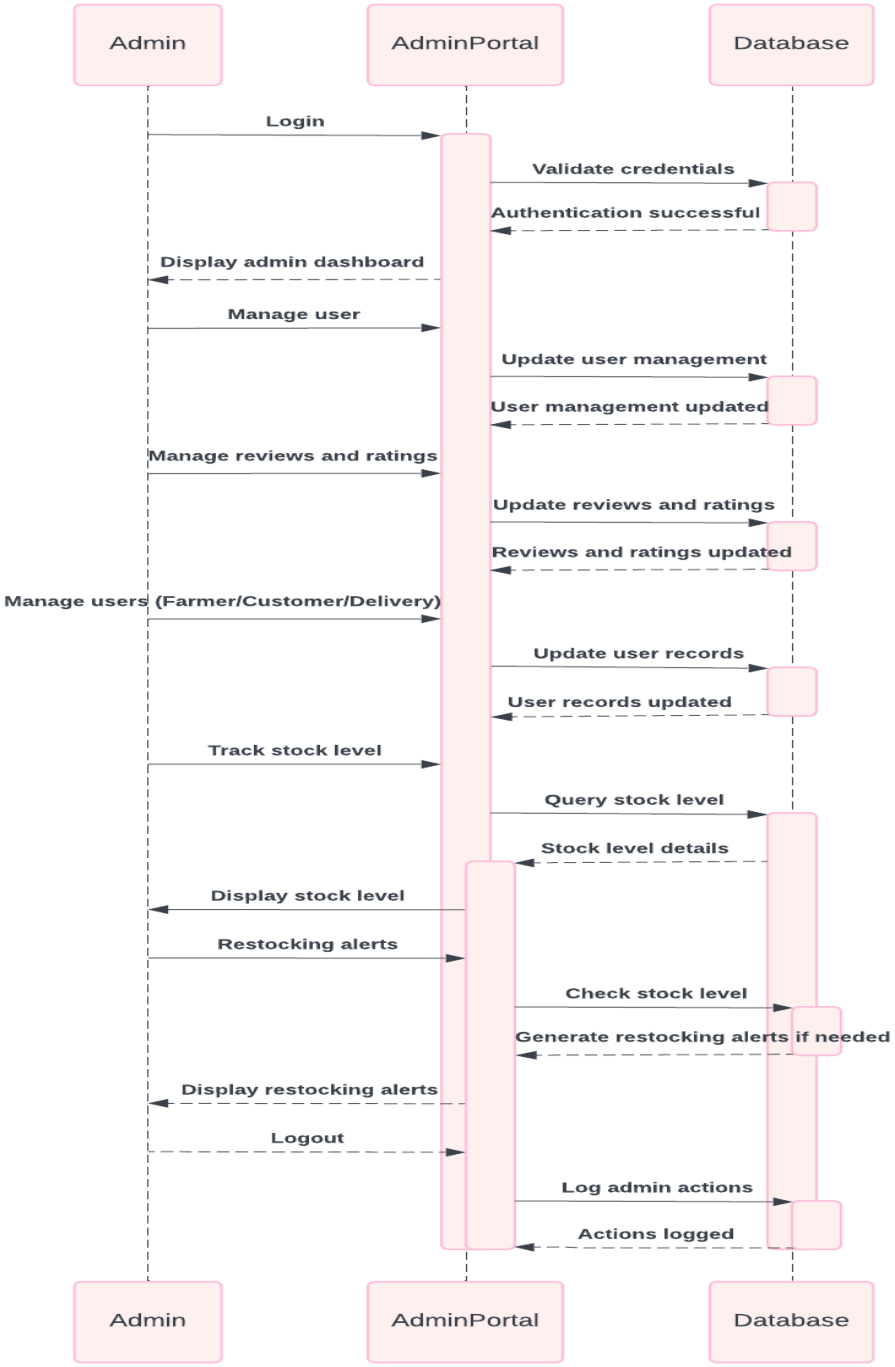


4. sequence diagram

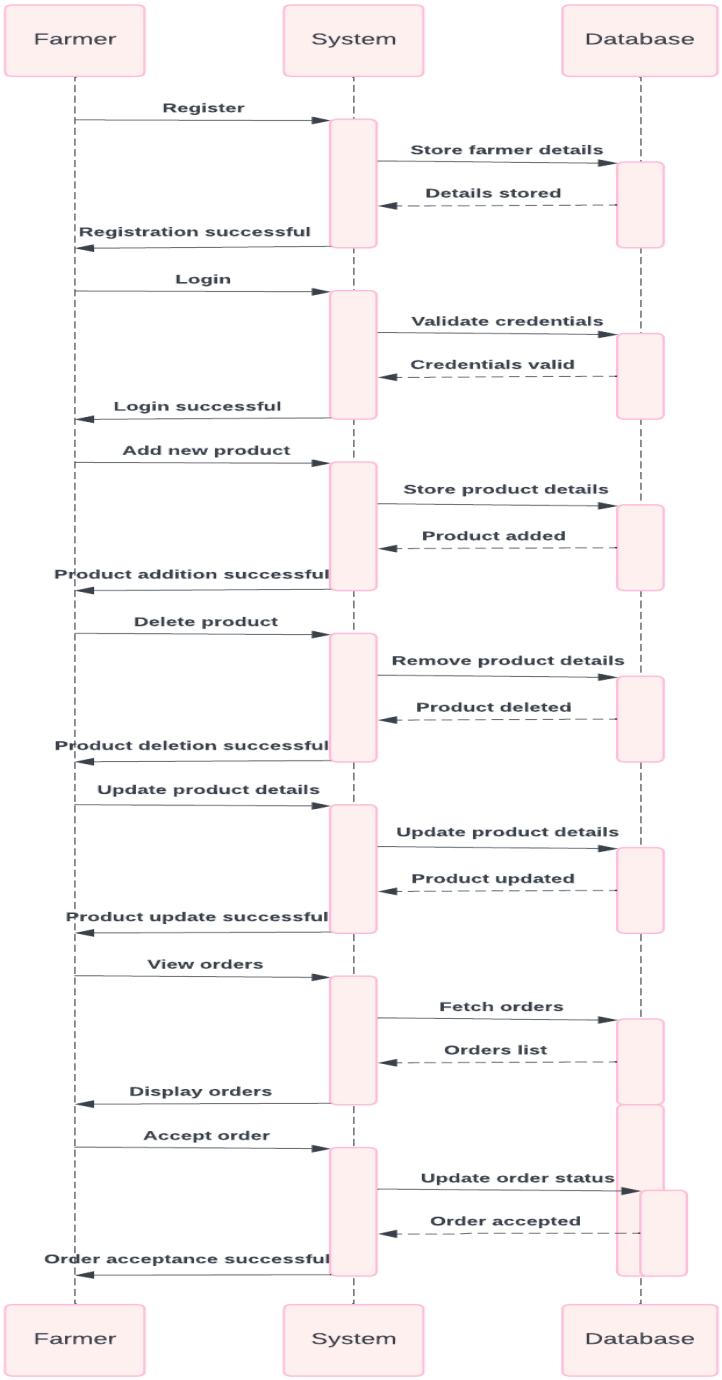
I) Customer



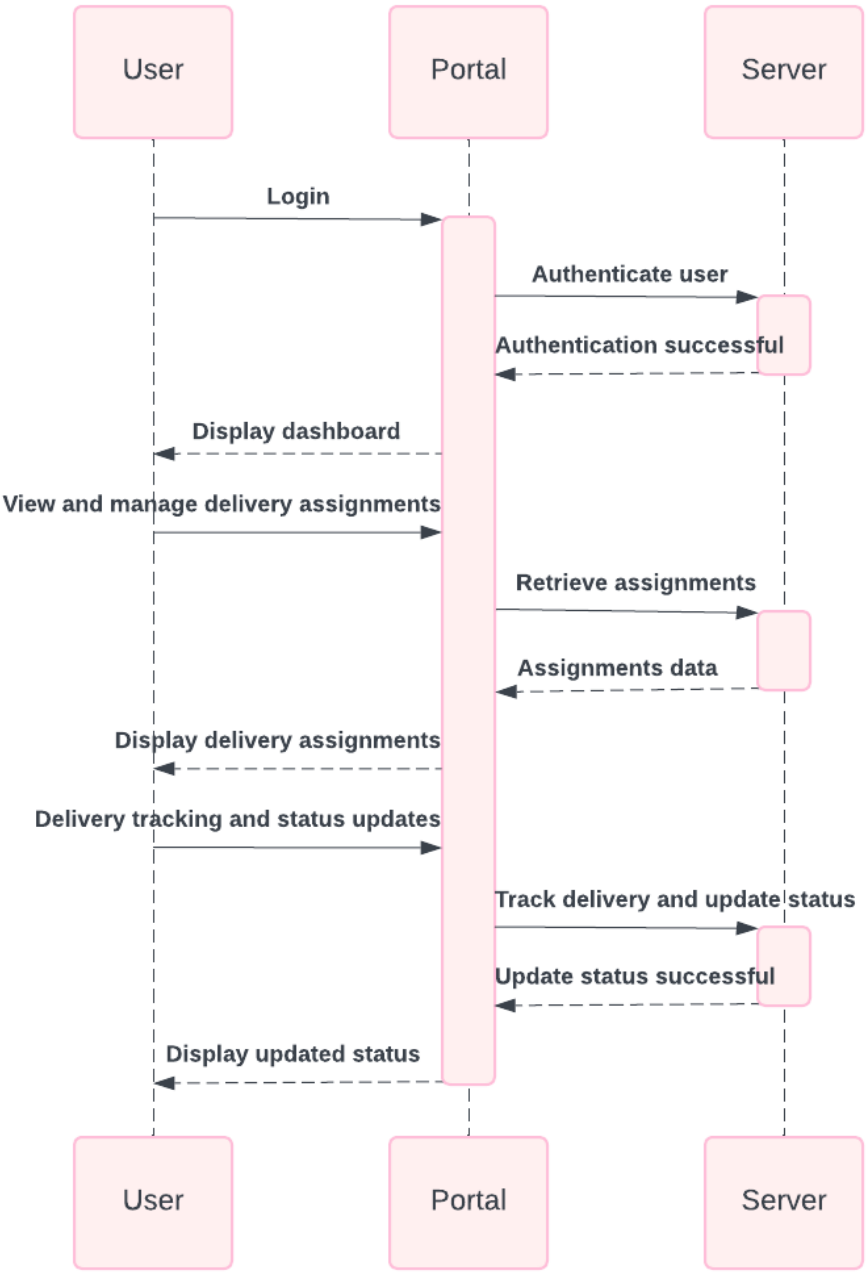
ii) Admin


Admin
AdminPortal
Database
Login
Validate credentials
Authentication successful
Display admin dashboard
Manage user
Update user management
User management updated
Manage reviews and ratings
Update reviews and ratings
Reviews and ratings updated
Manage users (Farmer/Customer/Delivery)
Update user records
User records updated
Track stock level
Query stock level
Stock level details
Display stock level
Restocking alerts
Check stock level
Generate restocking alerts if needed
Display restocking alerts
Logout
Log admin actions
Actions logged
Admin
AdminPortal
Database

iii) Farmer

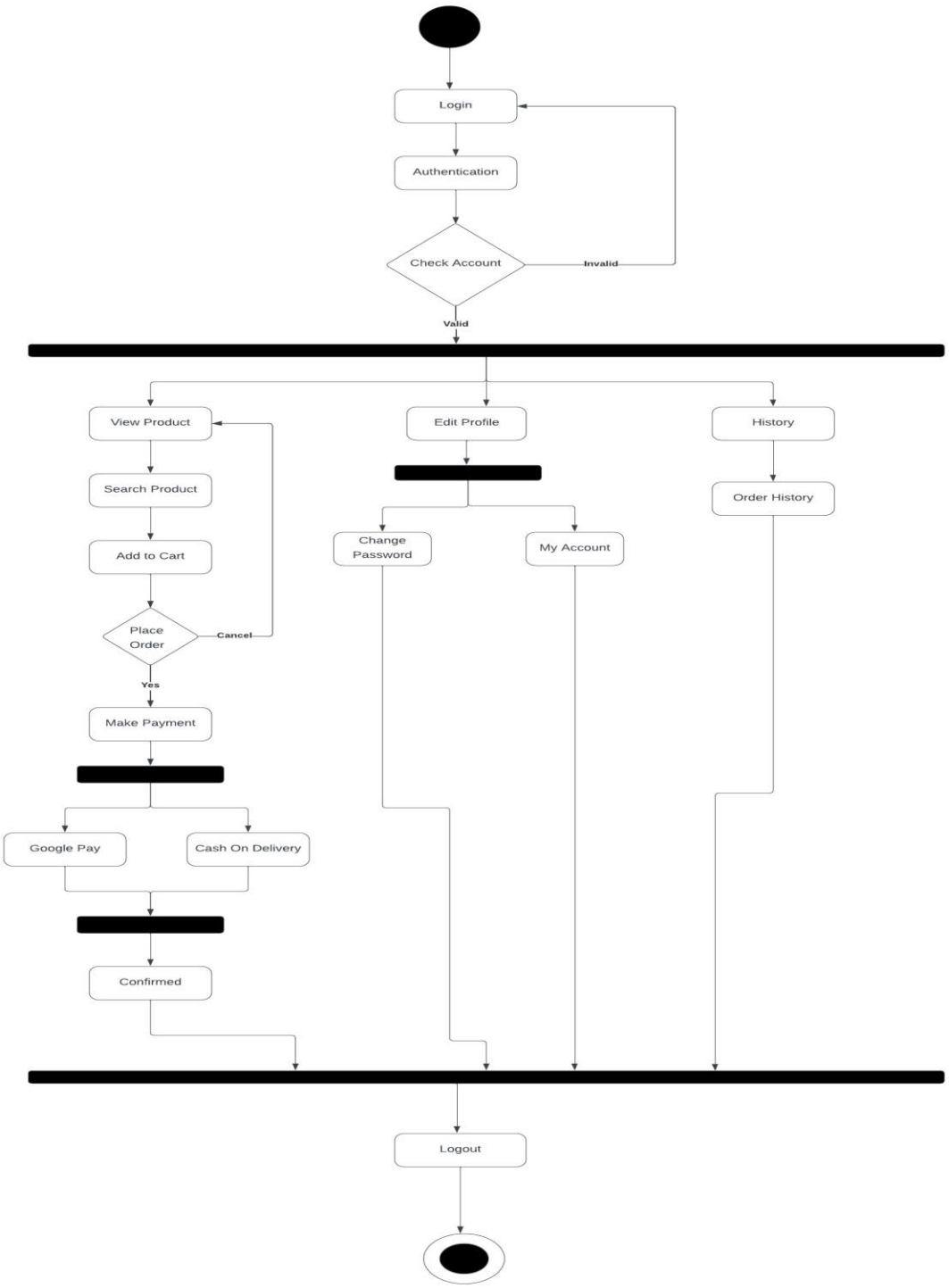

Farmer
System
Database
Register
Store farmer details
Details stored
Registration successful
Login
Validate credentials
Credentials valid
Login successful
Add new product
Store product details
Product added
Product addition successful
Delete product
Remove product details
Product deleted
Product deletion successful
Update product details
Update product details
Product updated
Product update successful
View orders
Fetch orders
Orders list
Display orders
Accept order
Update order status
Order accepted
Order acceptance successful
Farmer
System
Database

iv) Delivery boy

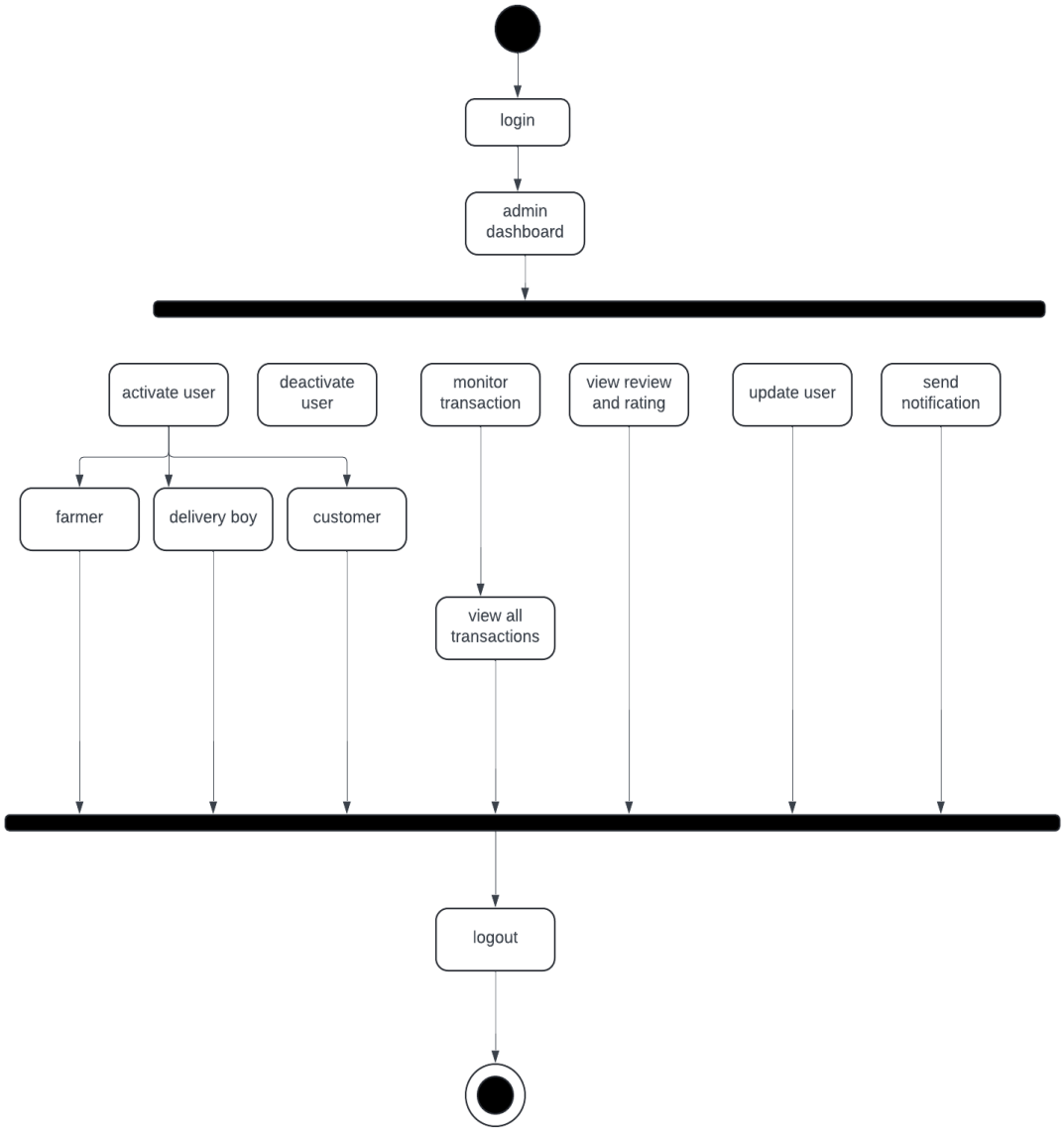


II) Activity diagram

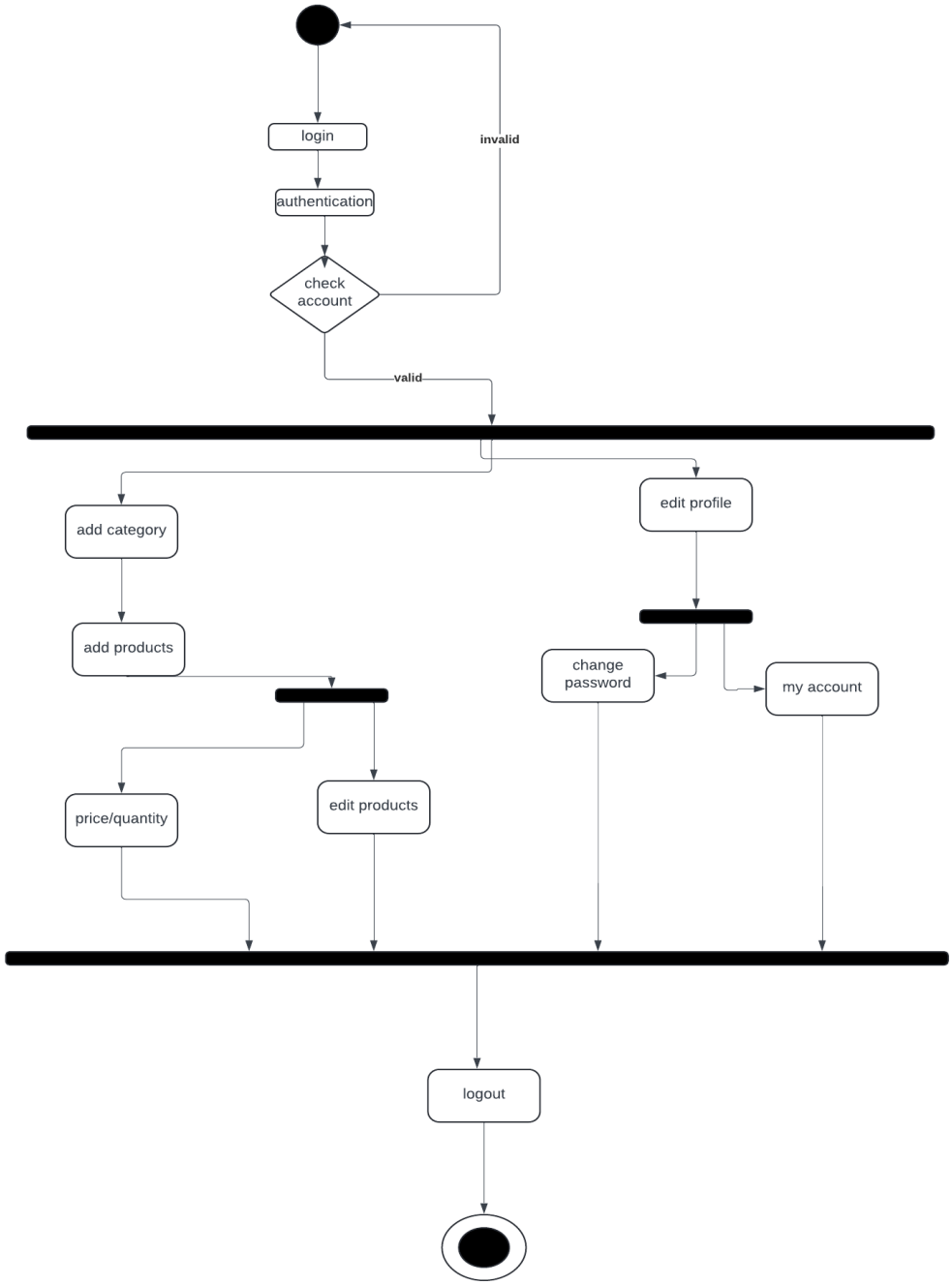
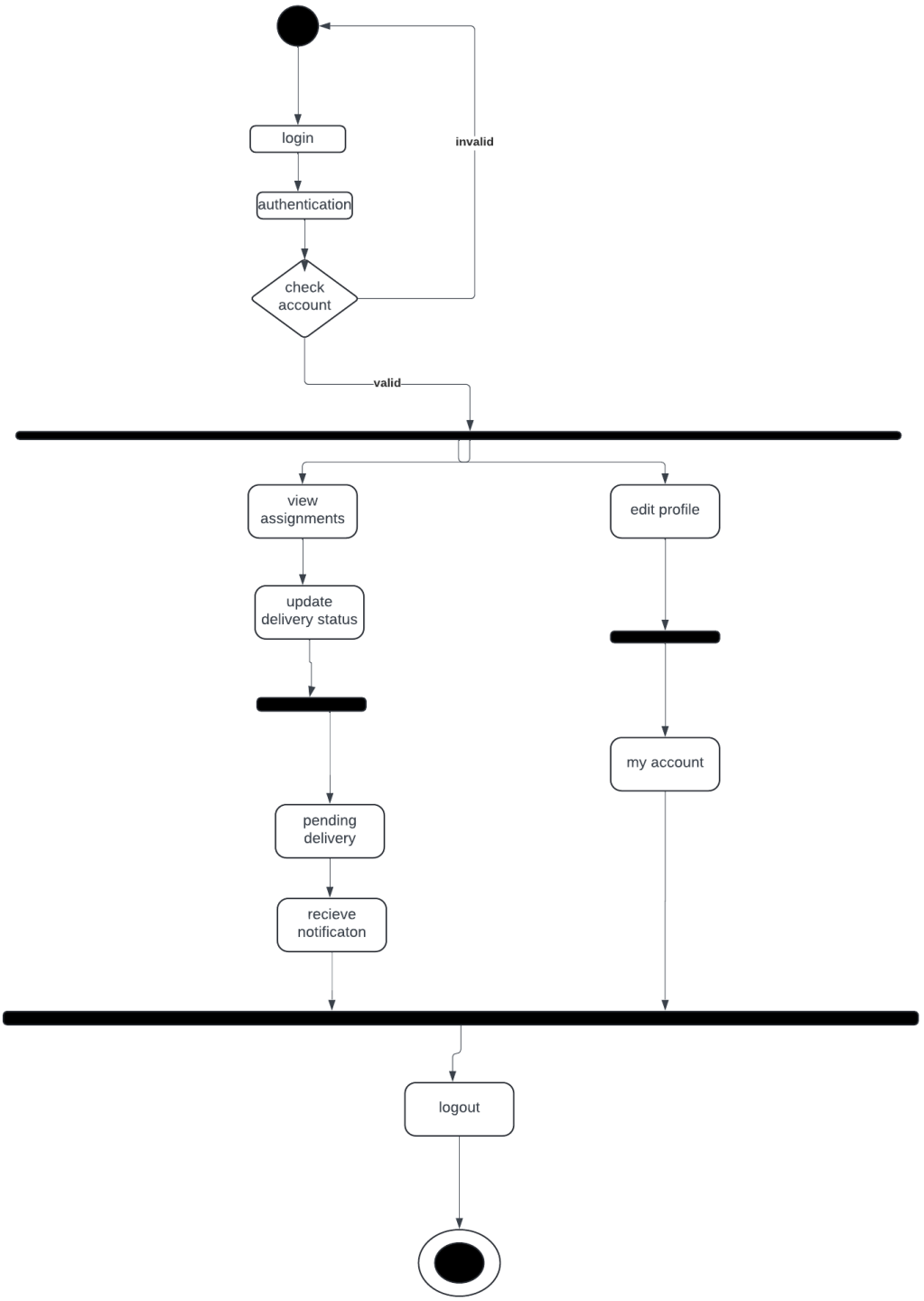
i) Customer



ii) Admin


login
admin dashboard
activate user
deactivate user
monitor transaction
view review and rating
update user
send notification
farmer
delivery boy
customer
view all transactions
logout

iii) Farmer


login
invalid
authentication
check account
valid
add category
edit profile
add products
change password
my account
price/quantity
edit products
logout

iv) Delivery boy