



FINAL DOCUMENTATION

SAD project



NAMES:

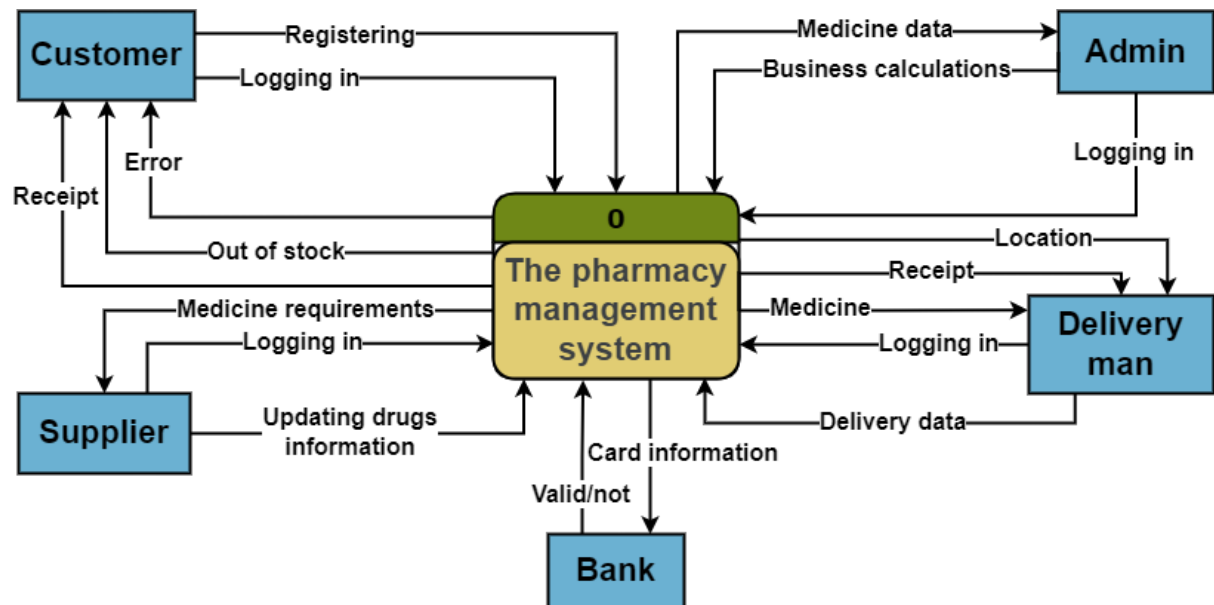
محمد هشام محمد معوض

محمد هاني عمر الصالحين

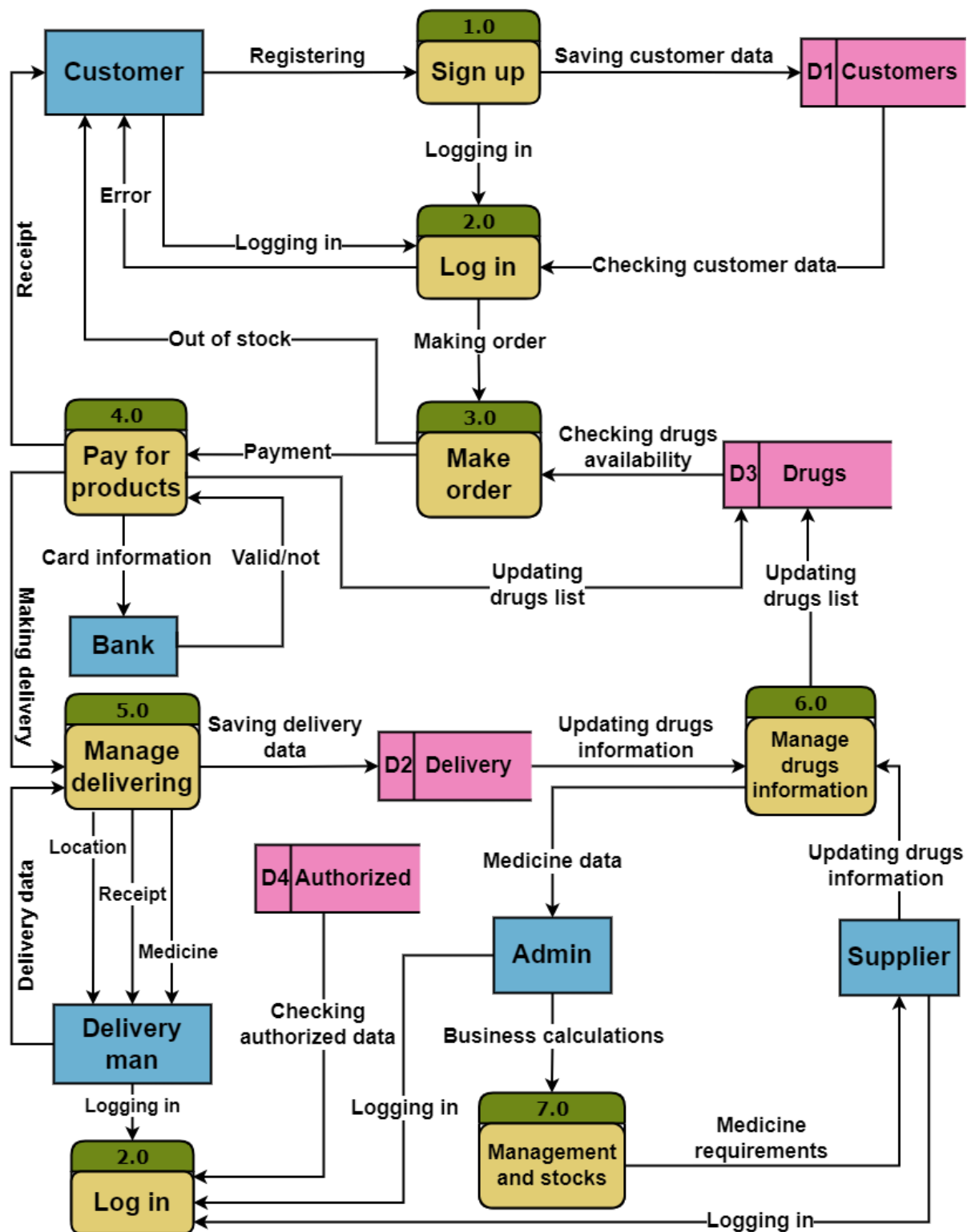
شهاب ياسر علي ميهوب

عبدالرحمن رمضان عبدالكريم محمد

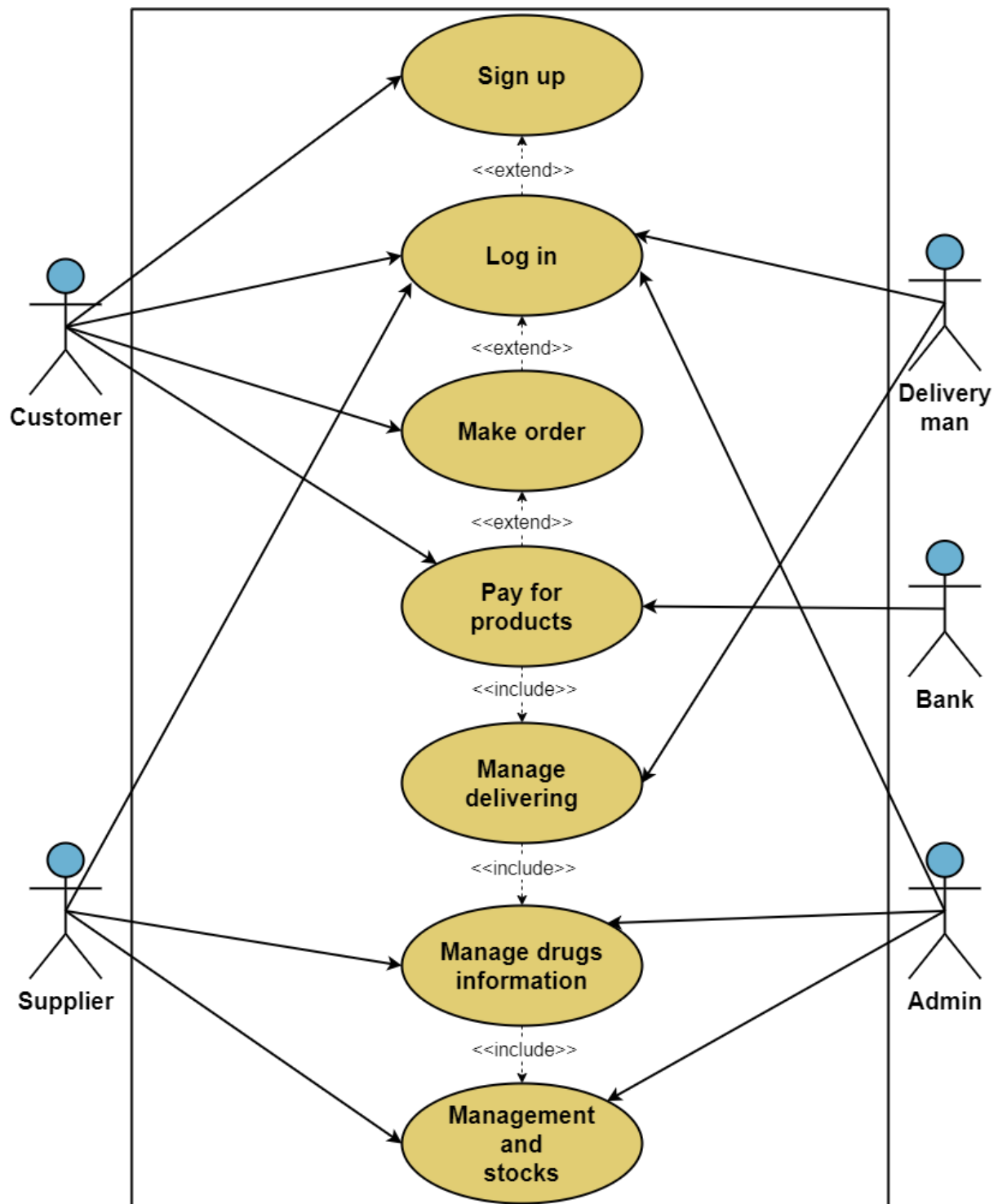
1. CONTEXT DIAGRAM



2. DFD LEVEL-0



3. USE-CASE DIAGRAM & ANALYSIS



Use Case Name:	Sign-Up	
Actor(s):	Customer	
Description:	<i>This use case describes the process of a customer registering a new account. The user wants to create a new account on the platform to gain access to the system.</i>	
Typical Course of Events:	Actor Action	System Response
	<p><u>Step1:</u> This use case is initiated when a customer wants to make a new registration to the system.</p> <p><u>Step 9:</u> This use case concludes when the user receives a confirmation message indicating successful registration.</p>	<p><u>Step2:</u> The user fills out the required registration form fields, including:</p> <ul style="list-style-type: none"> • First name • Last name • Email address • Password <p><u>Step 3:</u> The user submits the registration form.</p> <p><u>Step 4:</u> The system verifies the email address for uniqueness and validity.</p> <p><u>Step 5:</u> If the email is unique and valid, the system creates a new user account.</p> <p><u>Step 6:</u> The system sends a verification email to the provided email address.</p> <p><u>Step 7:</u> The user receives the verification email and clicks on the verification link.</p> <p><u>Step 8:</u> The system verifies the email address and activates the user account.</p>

Alternate Courses:	<p><u>Step2:</u> <i>If the user attempts to register with an email address that is already associated with an existing account:</i></p> <ul style="list-style-type: none"> <i>The system displays an error message prompting the user to choose a different email address.</i> <p><u>Step3:</u> <i>If the email address provided by the user is invalid:</i></p> <ul style="list-style-type: none"> <i>The system displays an error message prompting the user to enter a valid email address.</i> <p><u>Step4:</u> <i>If the user does not receive the verification email within a reasonable timeframe:</i></p> <ul style="list-style-type: none"> <i>The system provides an option for the user to resend the verification email.</i> <i>The user can also check their spam or junk mail folder.</i> <p><u>Step5:</u> <i>If the user clicks on the verification link and it has expired or is invalid:</i></p> <ul style="list-style-type: none"> <i>The system prompts the user to request a new verification email.</i>
Precondition:	<ul style="list-style-type: none"> <i>-The user has access to the platform's registration interface.</i> <i>-The user has a valid email address.</i>
Post condition:	<i>-The user has successfully created a new account and can now log in to the platform using the provided credentials.</i>
Assumption:	<i>-None at this time.</i>

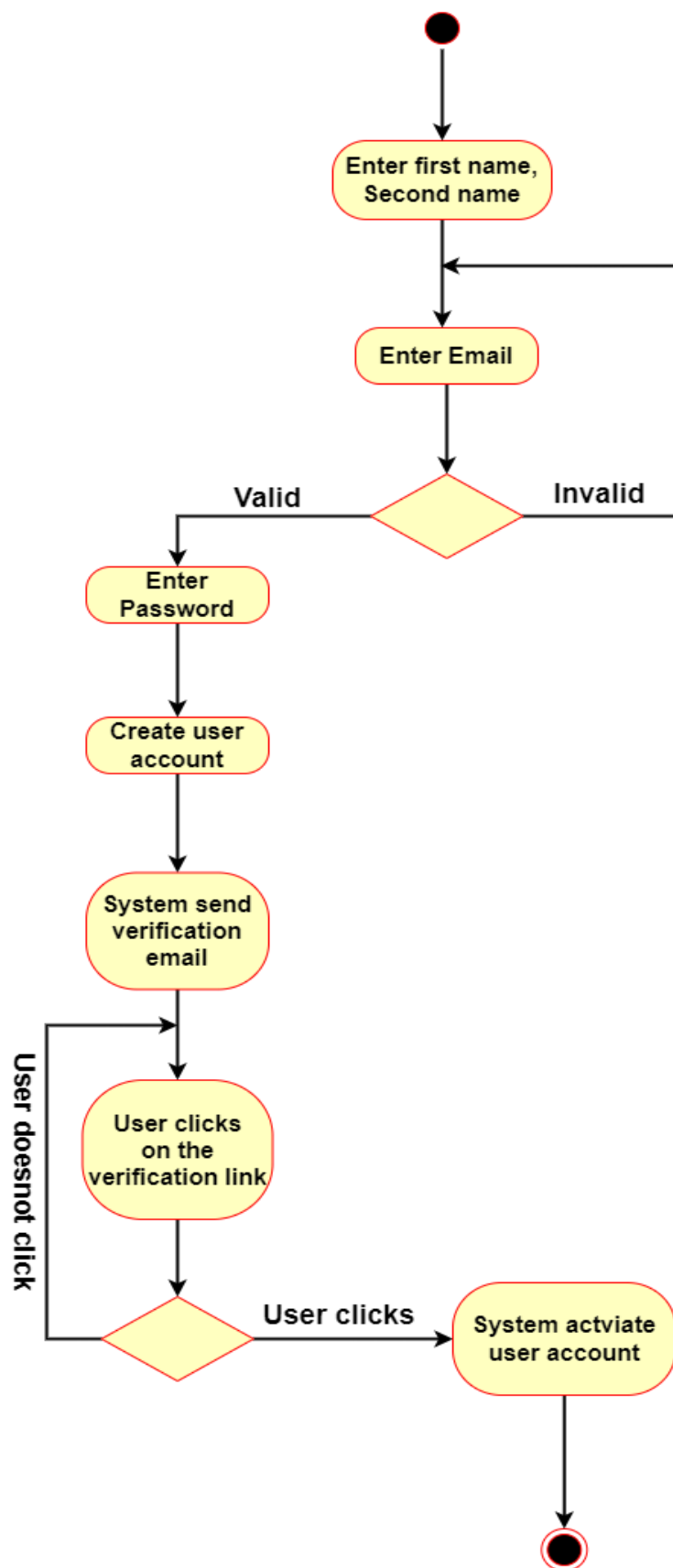
Use Case Name:	Login	
Actor(s):	Customer, Admin, Supplier, Delivery man	
Description:	<i>This use case describes the process of a customer or admin logging in by an existing account and it aims to make the admin or customer access the system.</i>	
Typical Course of Events:	Actor Action	System Response
	<p><u>Step 1:</u> This use case is initiated when a customer or admin wants to make a login to the system.</p> <p><u>Step 7:</u> This use case concludes when the user receives a confirmation message indicating successful registration.</p>	<p><u>Step 2:</u> The actor starts to log in with email and password</p> <p><u>Step 3:</u> The system verifies the email and password combination and checks if credentials are correct.</p> <p><u>Step 4:</u> If the credentials are correct, the system logs the actor in.</p> <p><u>Step 5:</u> The system redirects the actor to the appropriate dashboard (customer or admin panel) based on the actor's role.</p> <p><u>Step 6:</u> The actor starts using the system's features according to their privileges.</p>

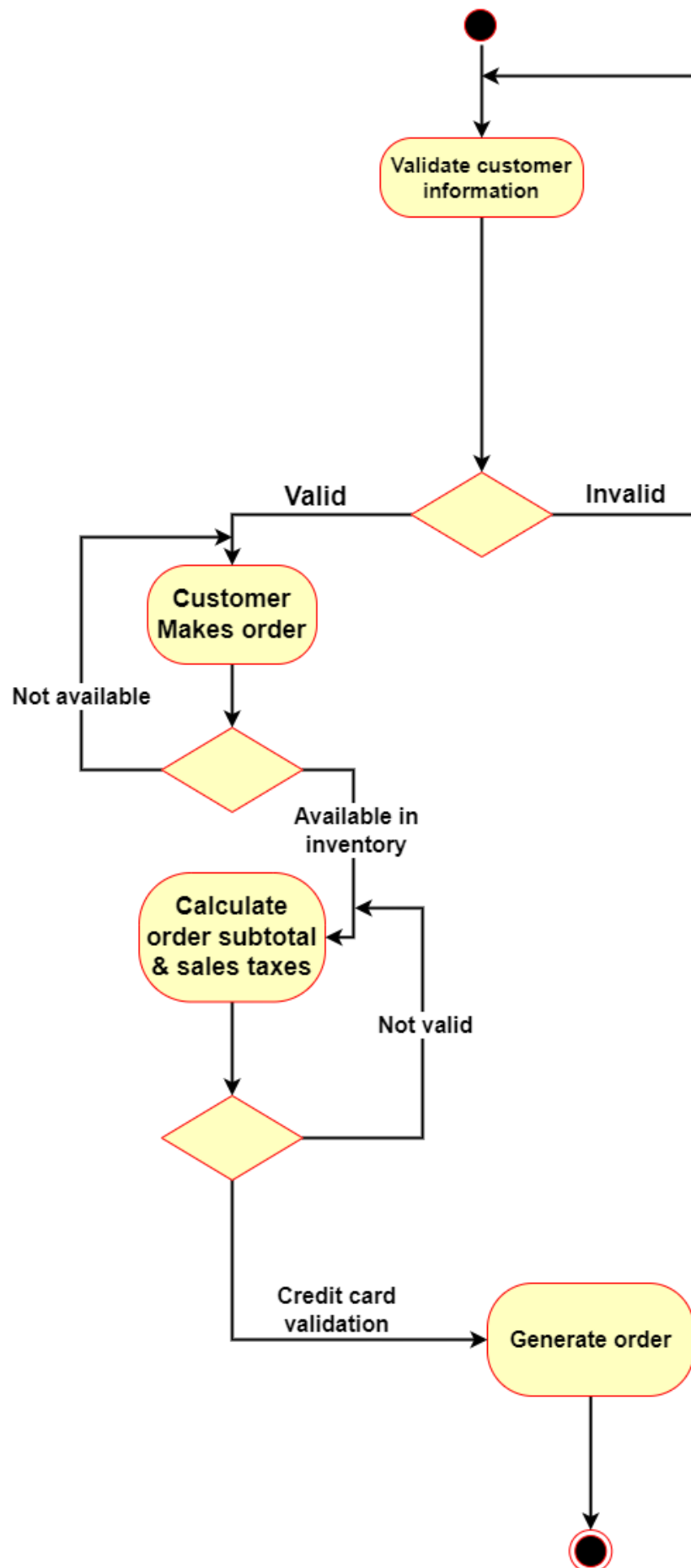
Alternate Courses:	<p><u>Step2:</u> <i>If the user enters an incorrect email address or password:</i></p> <ul style="list-style-type: none"> <i>The system displays an error message indicating invalid credentials.</i> <i>The user is prompted to re-enter the correct email address and password.</i> <p><u>Step3:</u> <i>If the user's account is inactive or disabled (banned):</i></p> <ul style="list-style-type: none"> <i>The system denies access and prompts the user to contact support for assistance.</i>
Precondition:	<p><i>-The user has an existing account on the platform.</i></p> <p><i>-The user has access to the platform's login interface.</i></p> <p><i>-The user knows their registered email address and password.</i></p>
Post condition:	<i>-The customer or admin successfully logs in and gains access to the platform's features and functionalities.</i>
Assumption:	<i>-None at this time.</i>

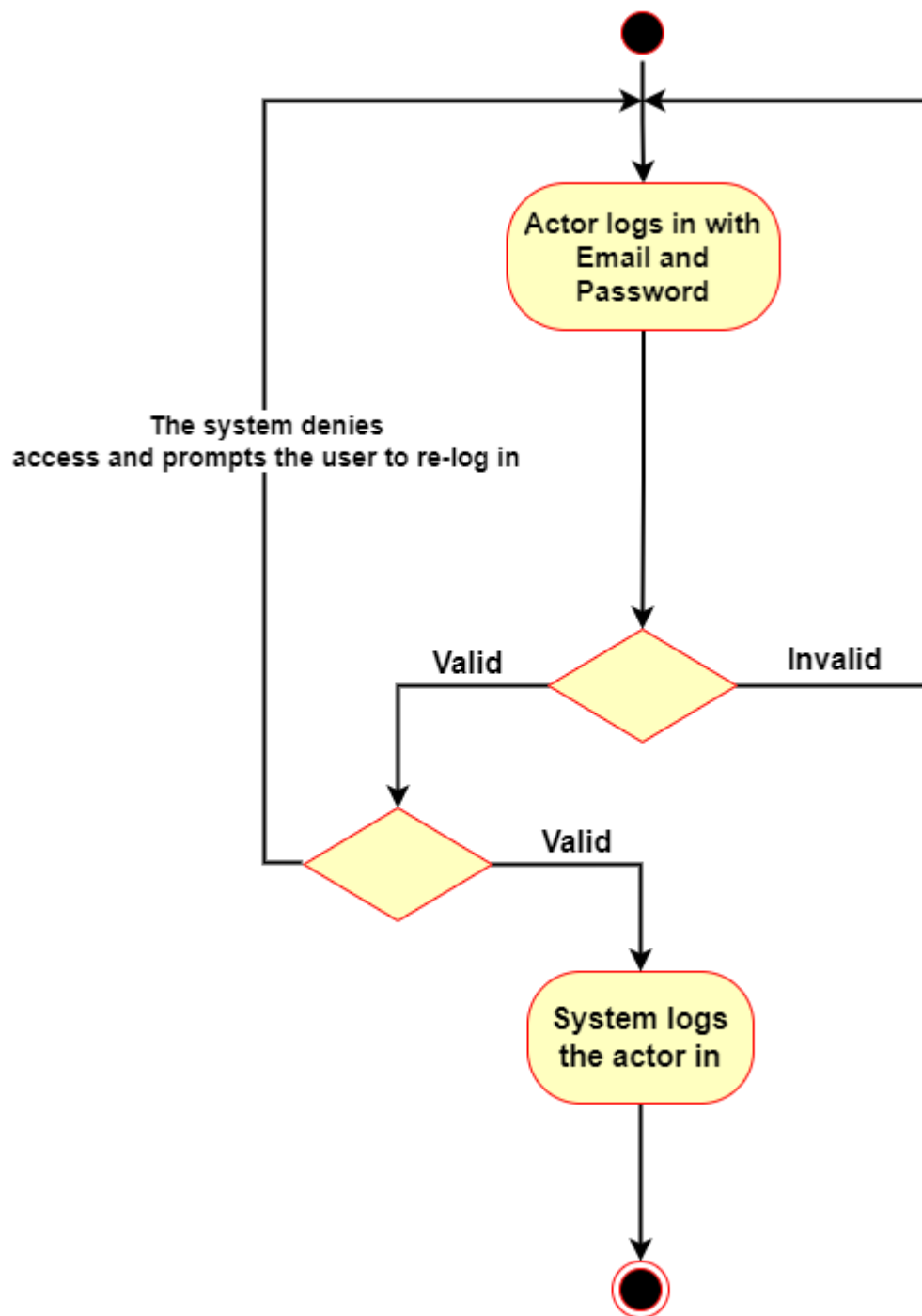
Use Case Name:	Make Order	
Actor(s):	Customer.	
Description:	<i>This use case describes the process of a customer submitting a new order the customer will receive a notification that the order was accepted.</i>	
Typical Course of Events:	Actor Action	System Response
	<u>Step1:</u> This use case is initiated when a customer submits an order to be processed.	<u>Step 2:</u> The customer information such as address & telephone number & Card information is validated against what is currently on file. <u>Step 3:</u> For each product being ordered check the availability in inventory & record the order product information such as the quantity being ordered. <u>Step 4:</u> Calculate order subtotal & Sales tax. <u>Step 5:</u> The customer's credit card information is verified based on the amount due and accounts receivable transaction data is checked to make sure no payments are outstanding. <u>Step 6:</u> Generate order (check the drug information in the warehouse). <u>Step 7:</u> Generate an order confirmation notice indicating the status of the order & send it to the customer. <u>Step 8:</u> This use case concludes when the customer receives the order confirmation notice.

Alternate Courses:	<p><u>Step1:</u> <i>If the customer has indicated an address or telephone number changes on the order, call use case revise data.</i></p> <p><u>Step2:</u> <i>If the product number is not valid, send a notification to the customer requesting the customer to submit a valid product number.</i></p> <p><u>Step3:</u> <i>If the product number is not available, record the ordered product information & mark the order as (back to reorder).</i></p>
Precondition:	<i>Orders can only be submitted by customers.</i>
Post condition:	<i>Customer order has been recorded.</i>
Assumption:	<i>None at this time.</i>

4. ACTIVITY DIAGRAM

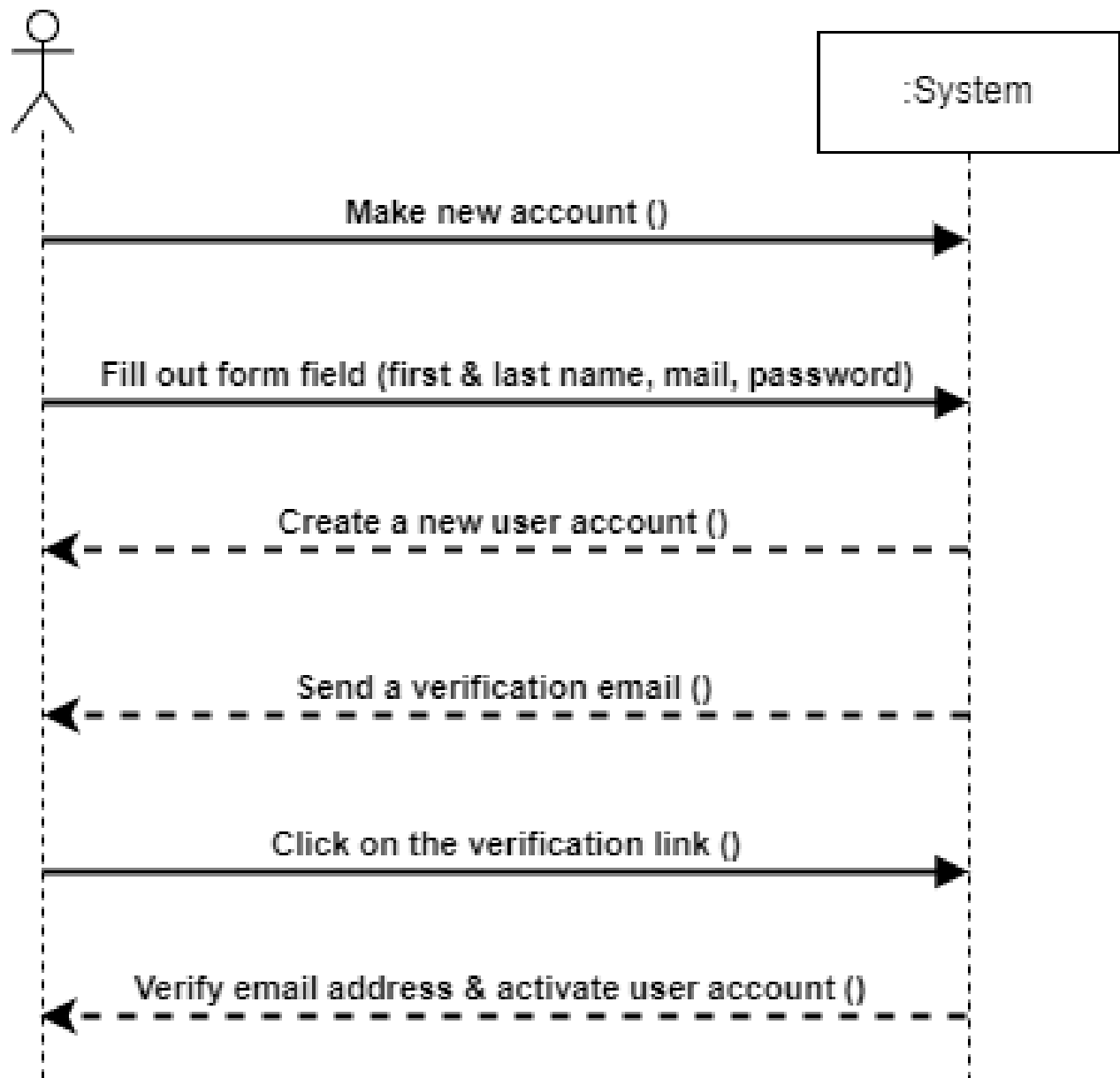




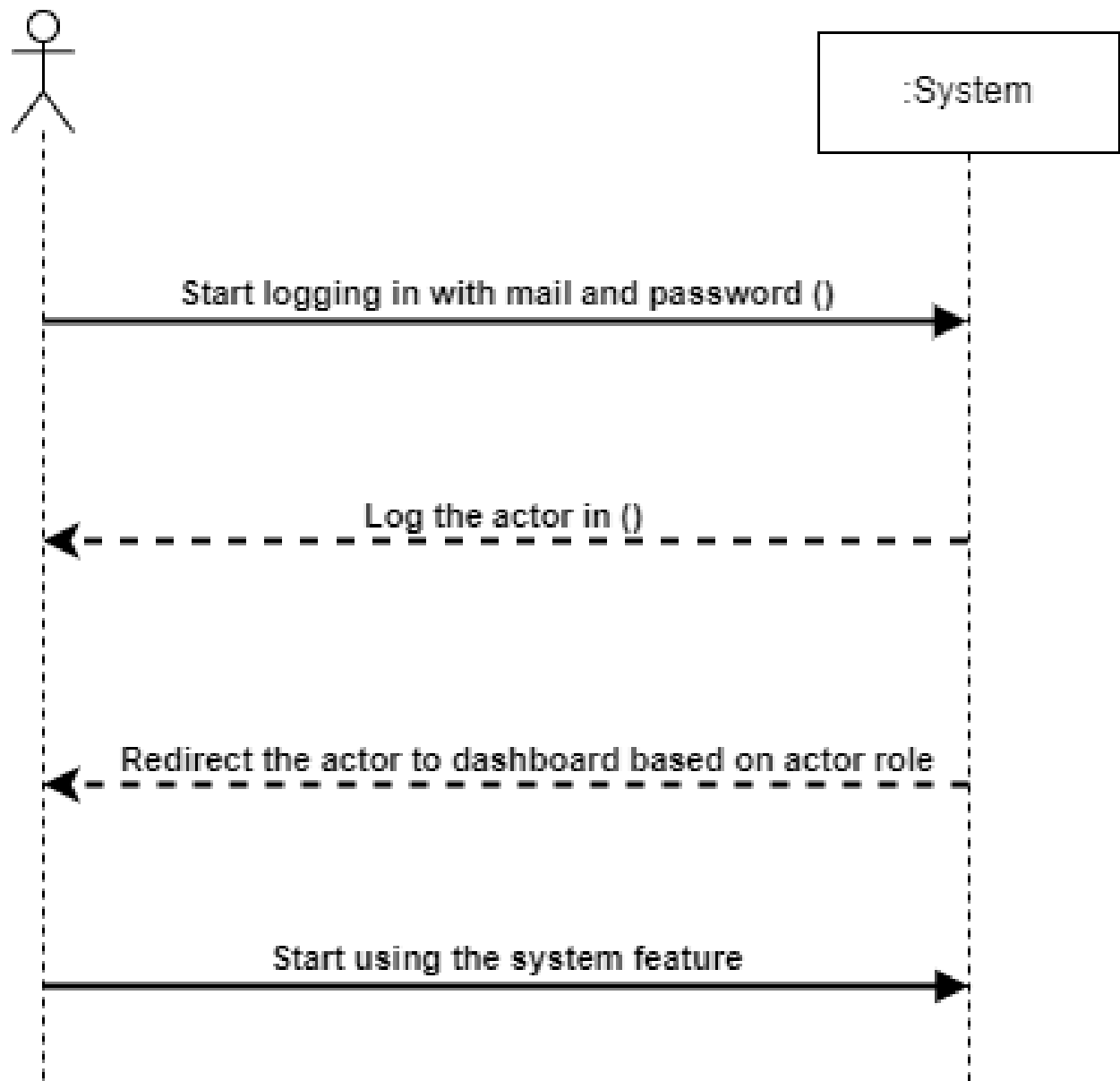


5. SSD DIAGRAM

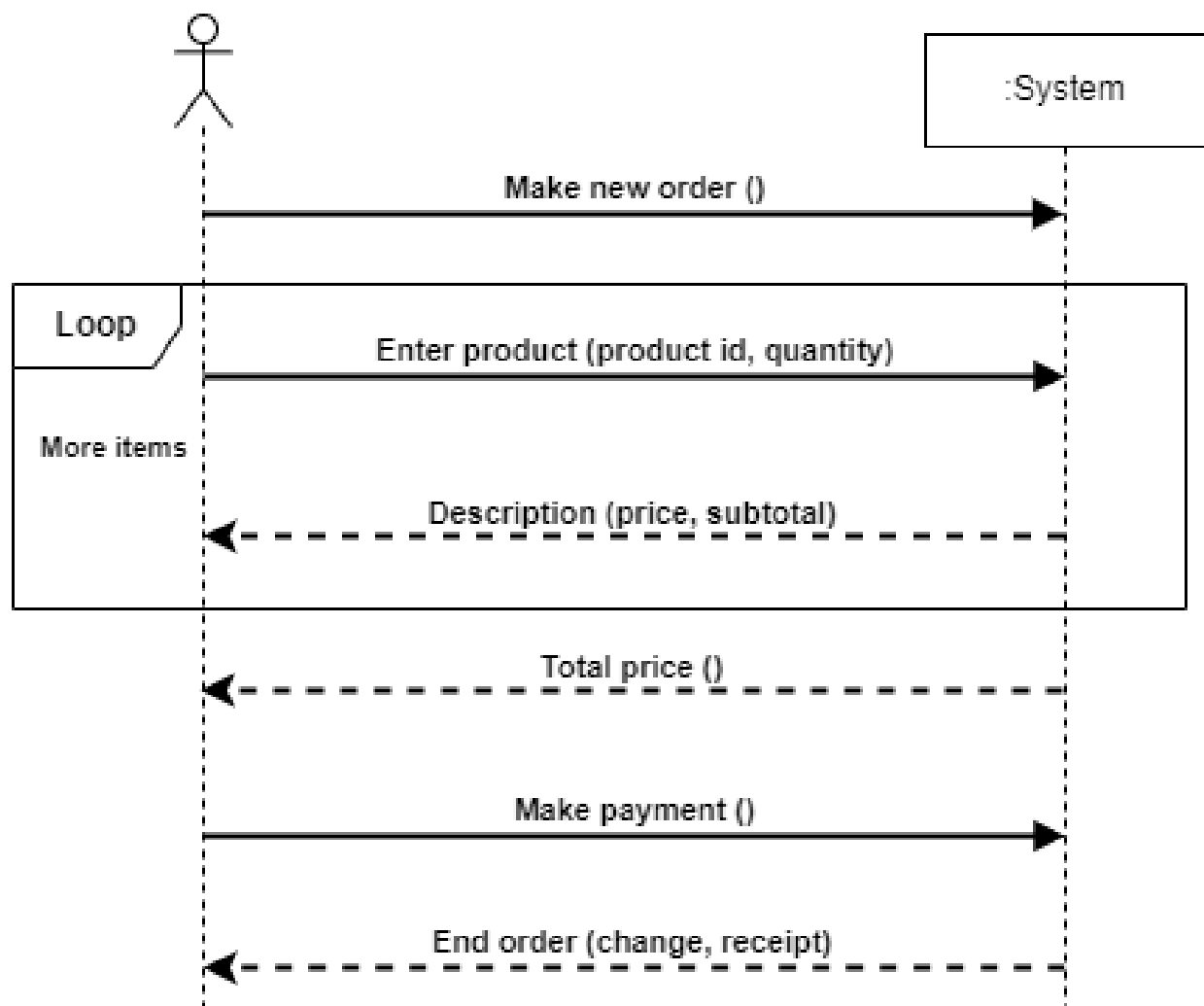
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LOG-IN:

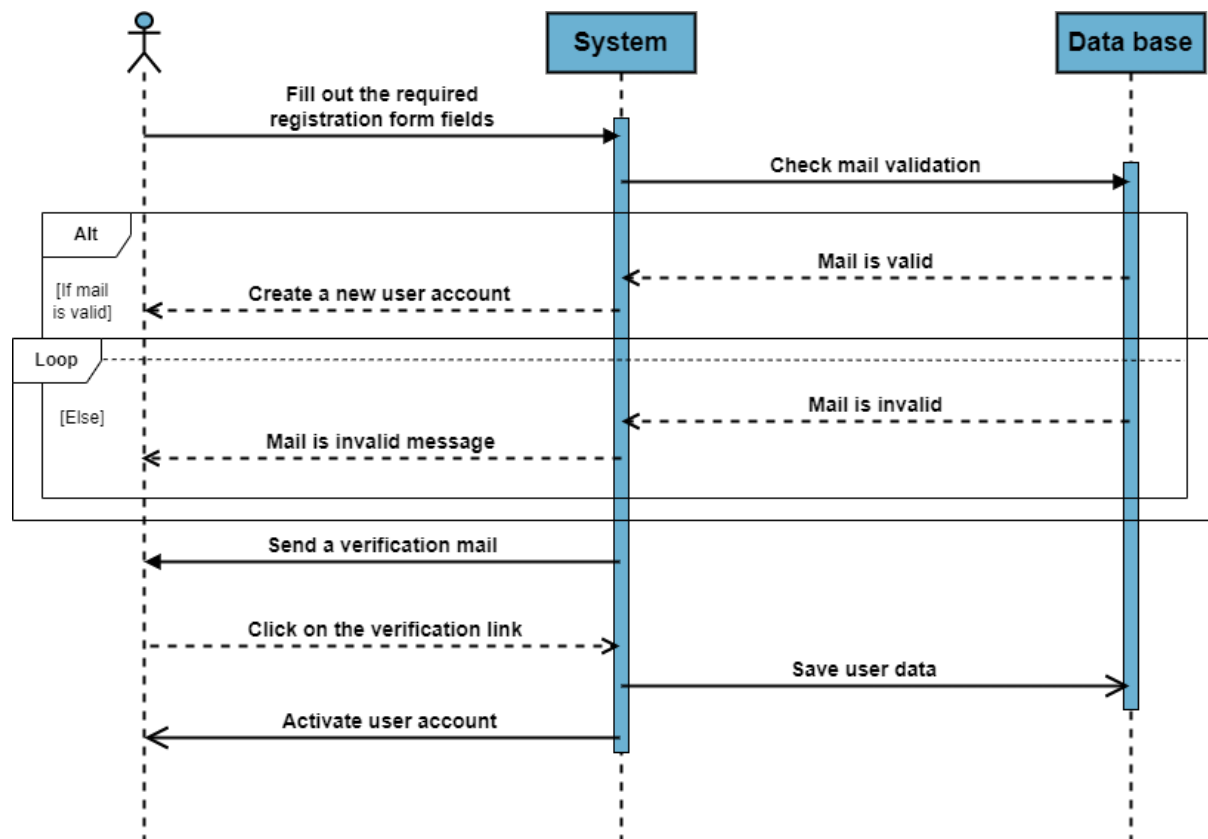


MAKE ORDER:

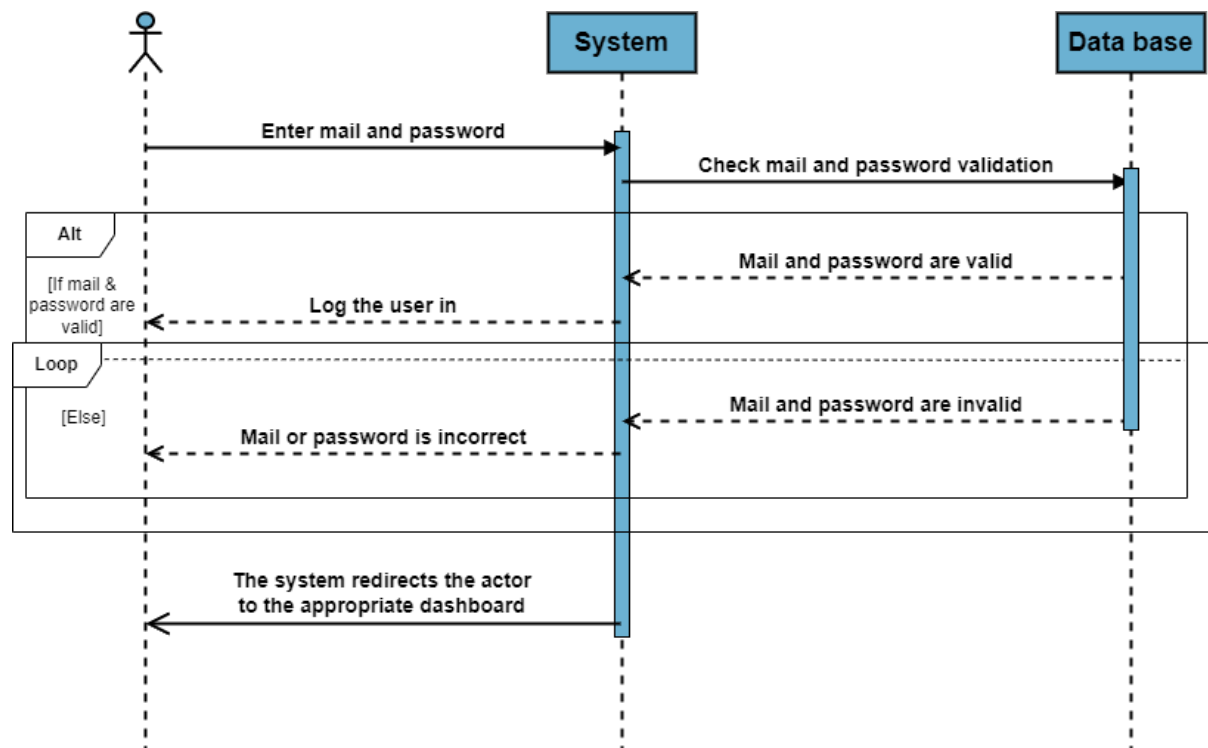


6. SD DIAGRAM

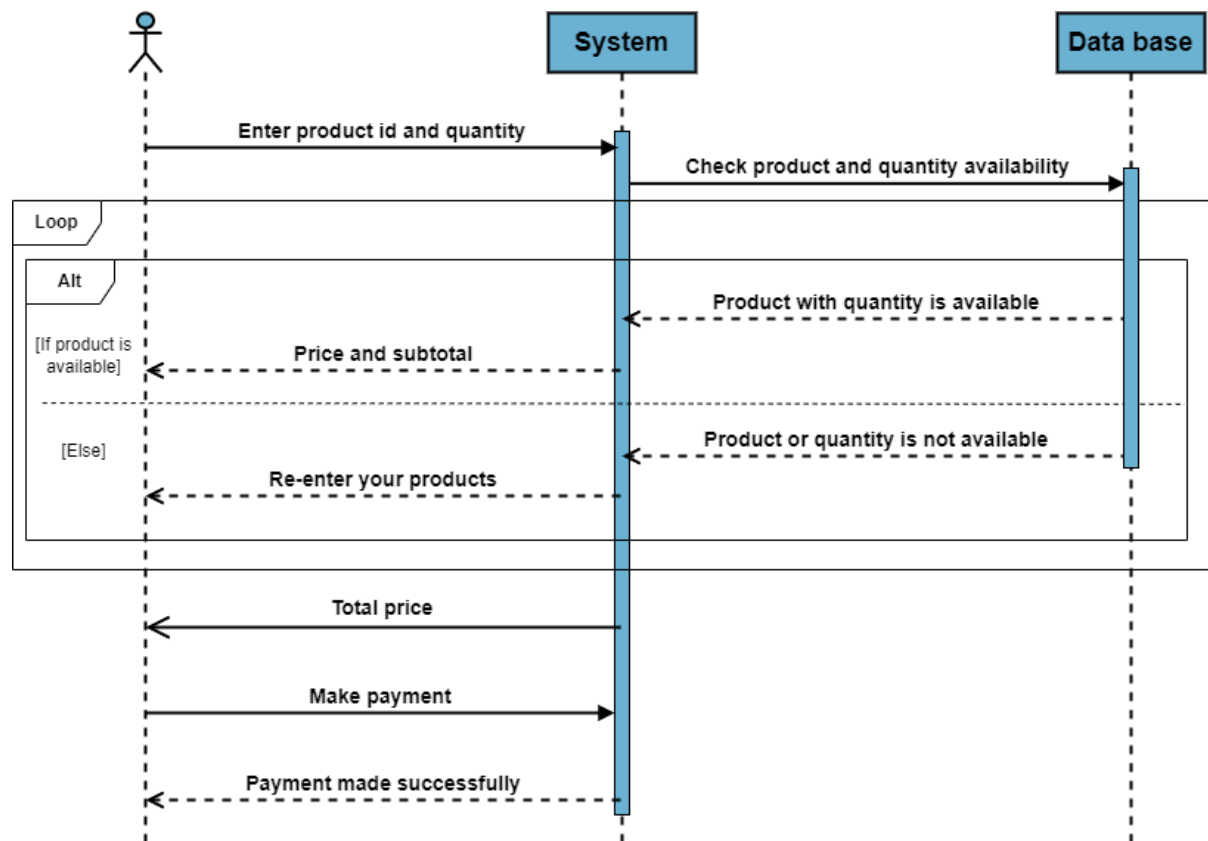
SIGN-UP:



LOG-IN:



MAKE ORDER:



7. CLASS DIAGRAM

