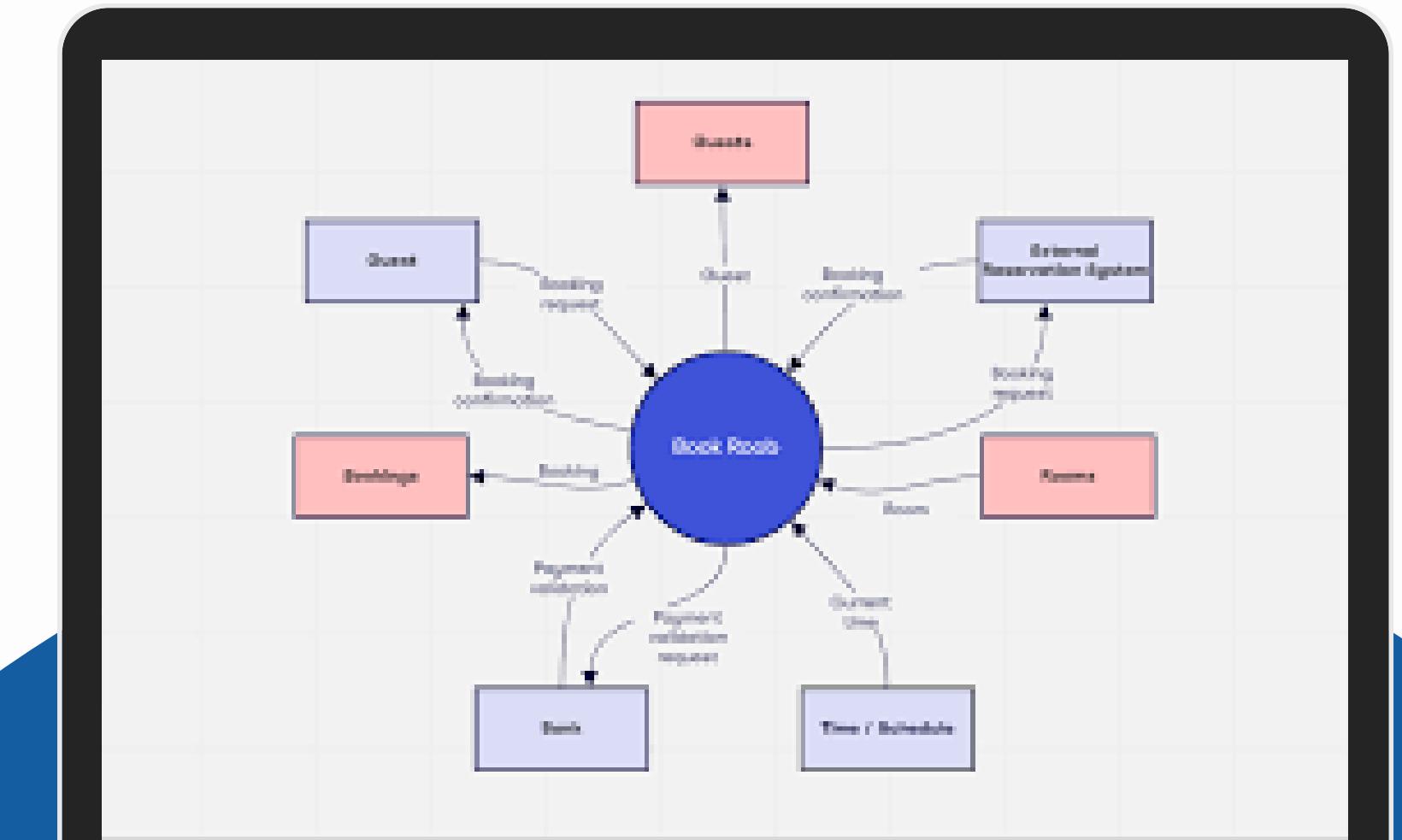




Code Weavers PRESENTATION



GROUP MEMBER



KIRK GOZON
PROJECT DESIGNER



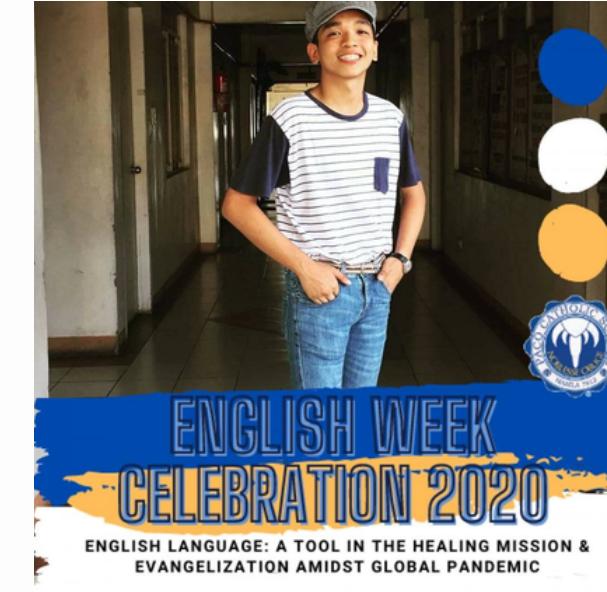
JAN FRANCISCO
PROGRAMMER



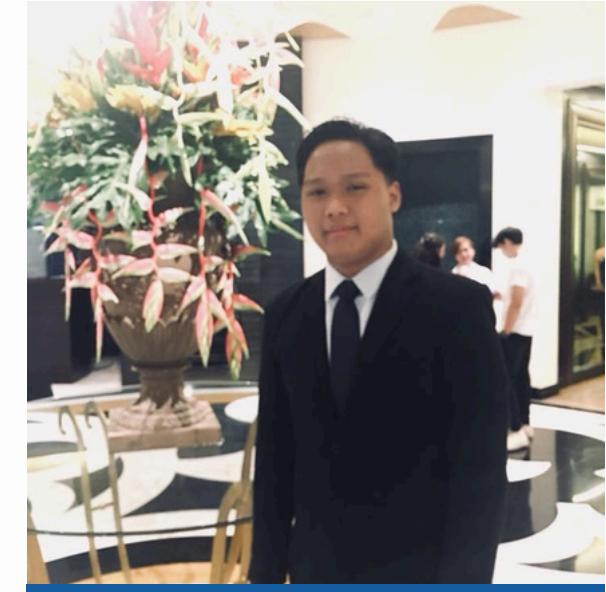
EURI LASCANO
PROJECT MANAGER



JOUIE EMBUDO JR
SOFTWARE DEVELOPER



JOHN SUMALINOG
CYBERSECURITY EXPERT



SEAN MAGLAQUE
FULL STACK DEVELOPER

Overview

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Comment Matrix

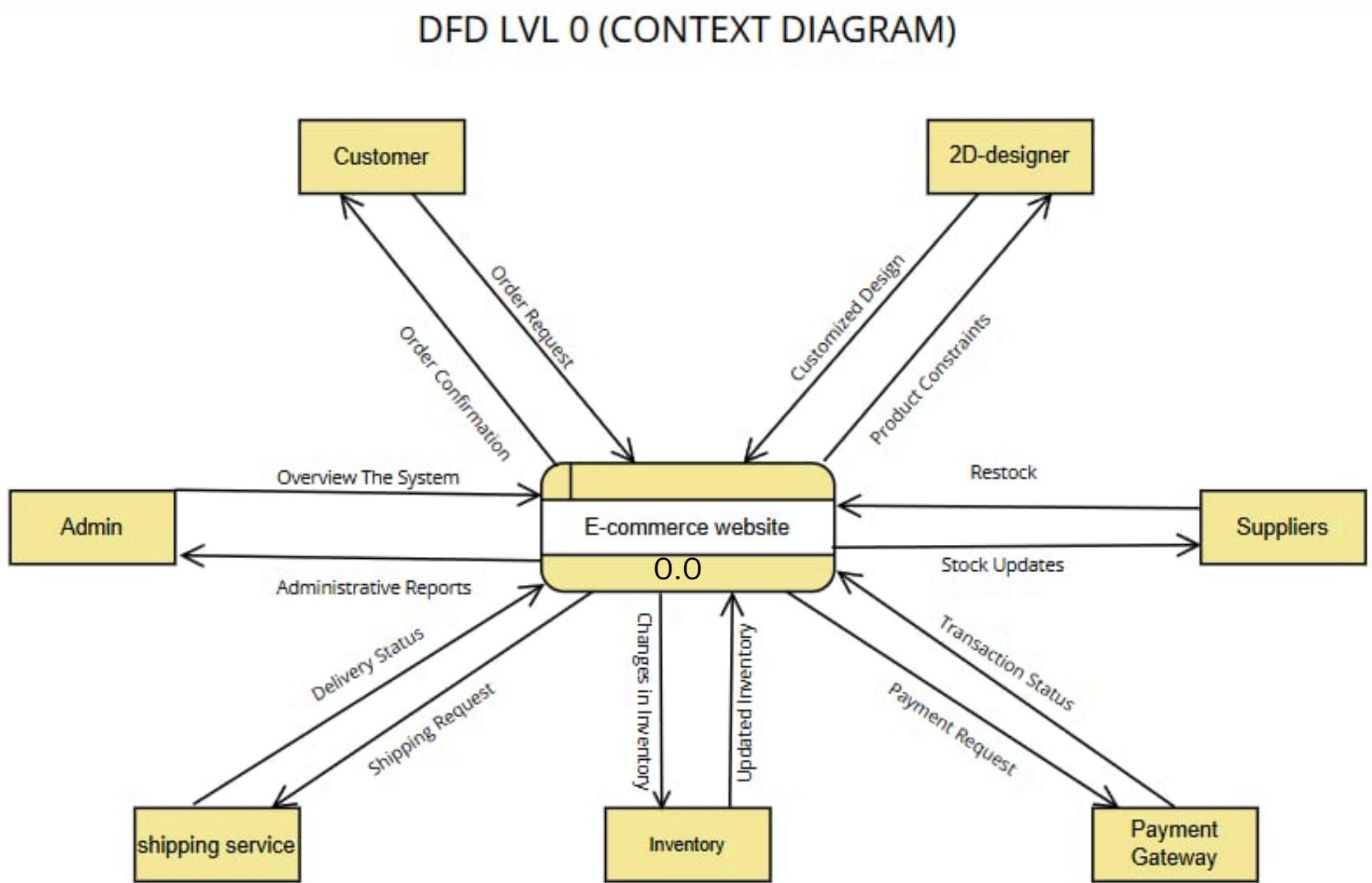
1. Dfd (manage customer account) - the customer should be able to remove their account, not only the admin.
2. Dfd labels - Some labels are in a verb form Test case 1 - show an example how will the admin get the customer information and be specific in the steps.
3. User case diagram - remove the supplier from the system. Fully dressed user case - Proper wording and numbering.



Introduction

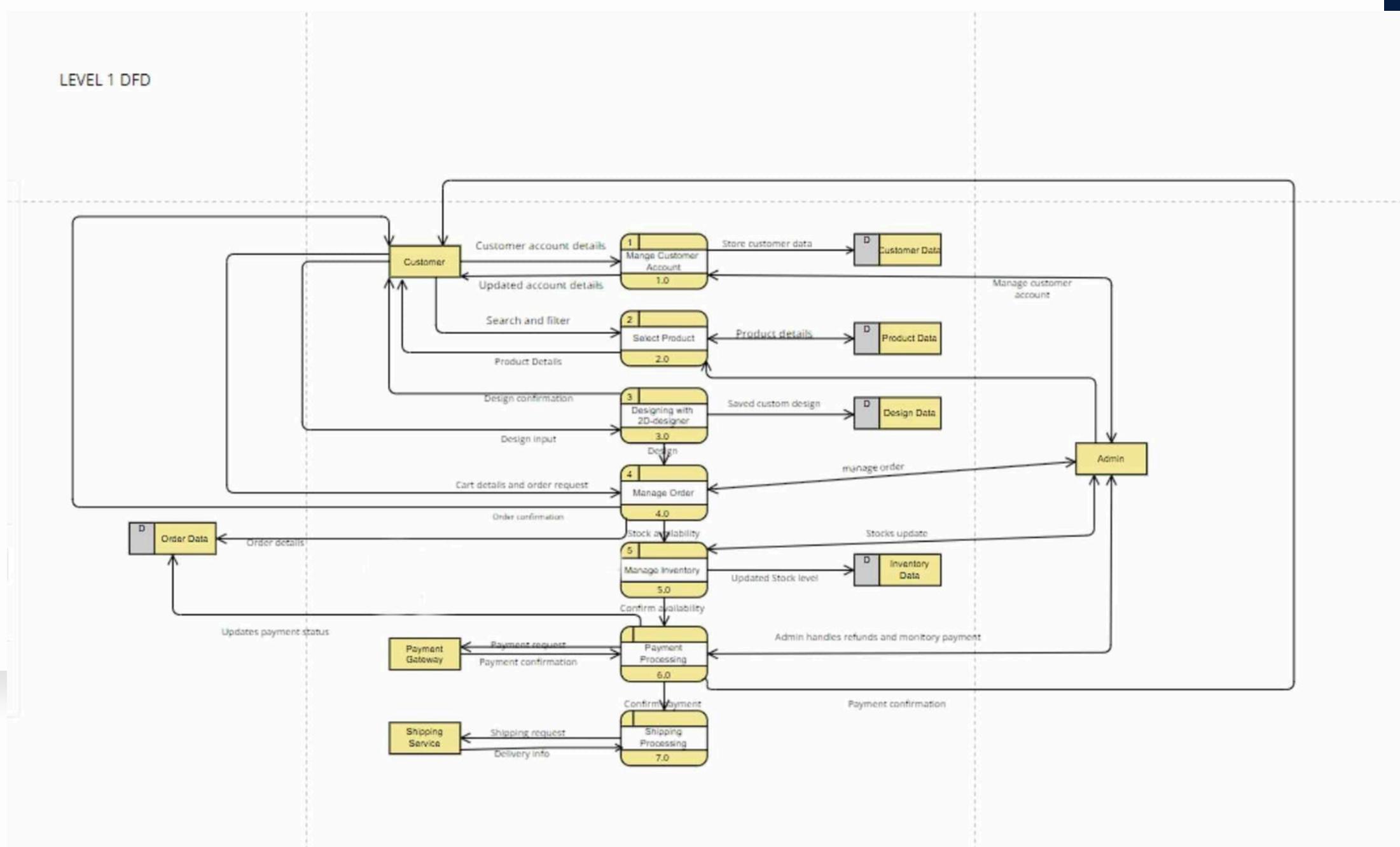
GearcraftWorks is an e-commerce platform designed specifically for Works Team Wear, a business specializing in customized sportswear. The platform is tailored to streamline business operations, improve customer interactions, and enhance the overall user experience. GearcraftWorks integrates a user-friendly interface with a powerful 2D designer tool, inventory management, and an ordering system.

DATA FLOW DIAGRAM

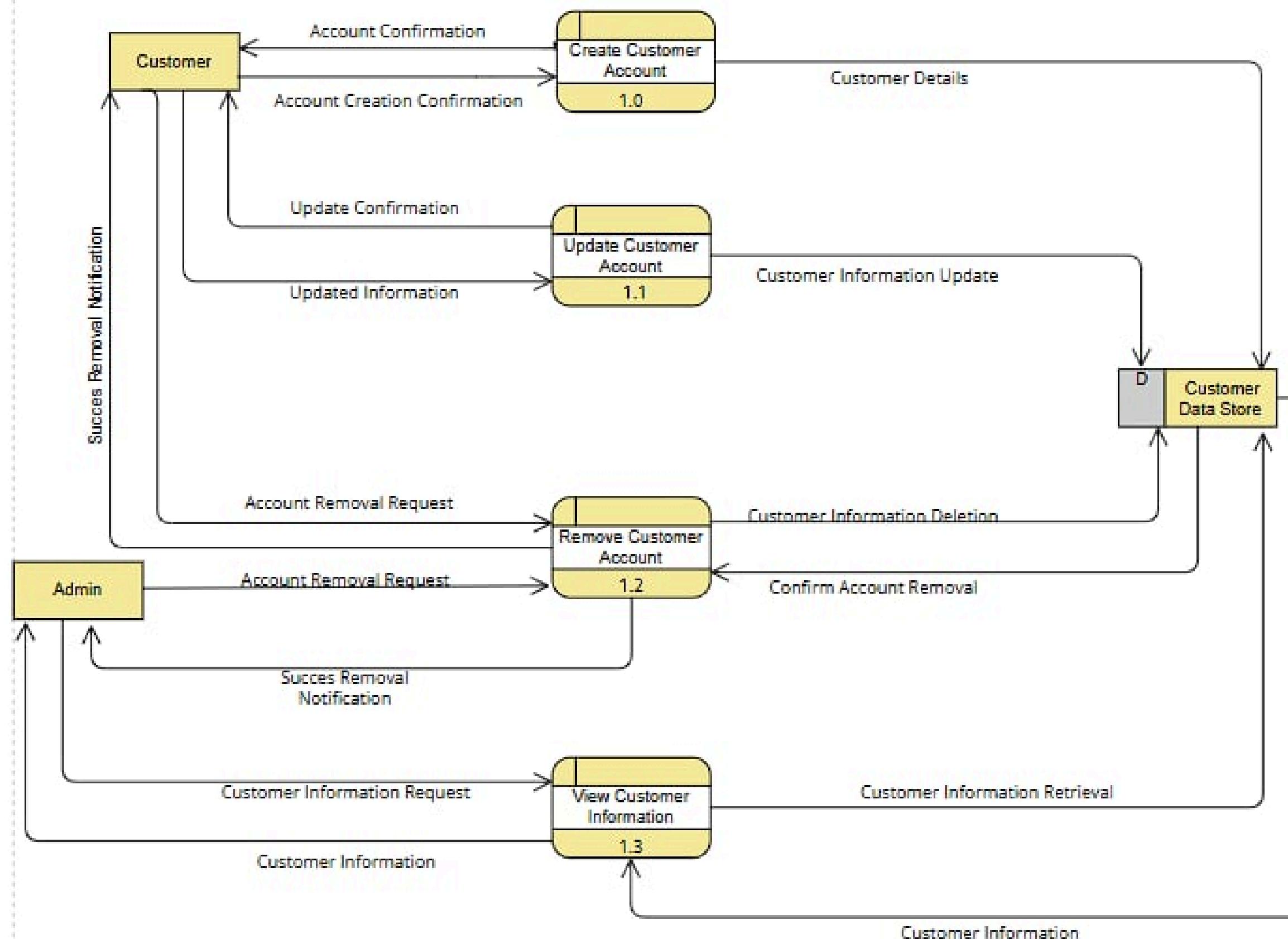


DFD Level 1-2

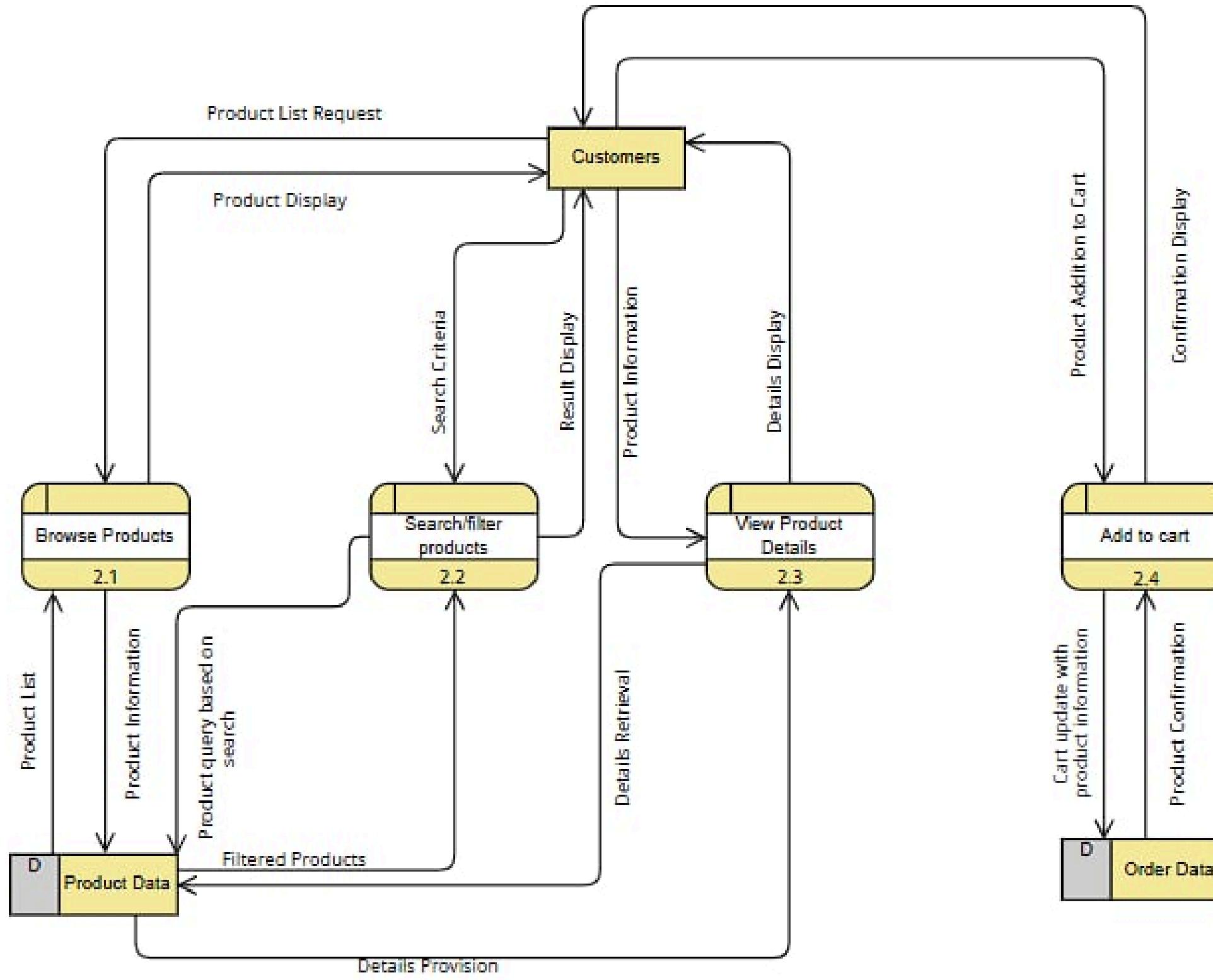
Data Flow Diagram (Level 1)



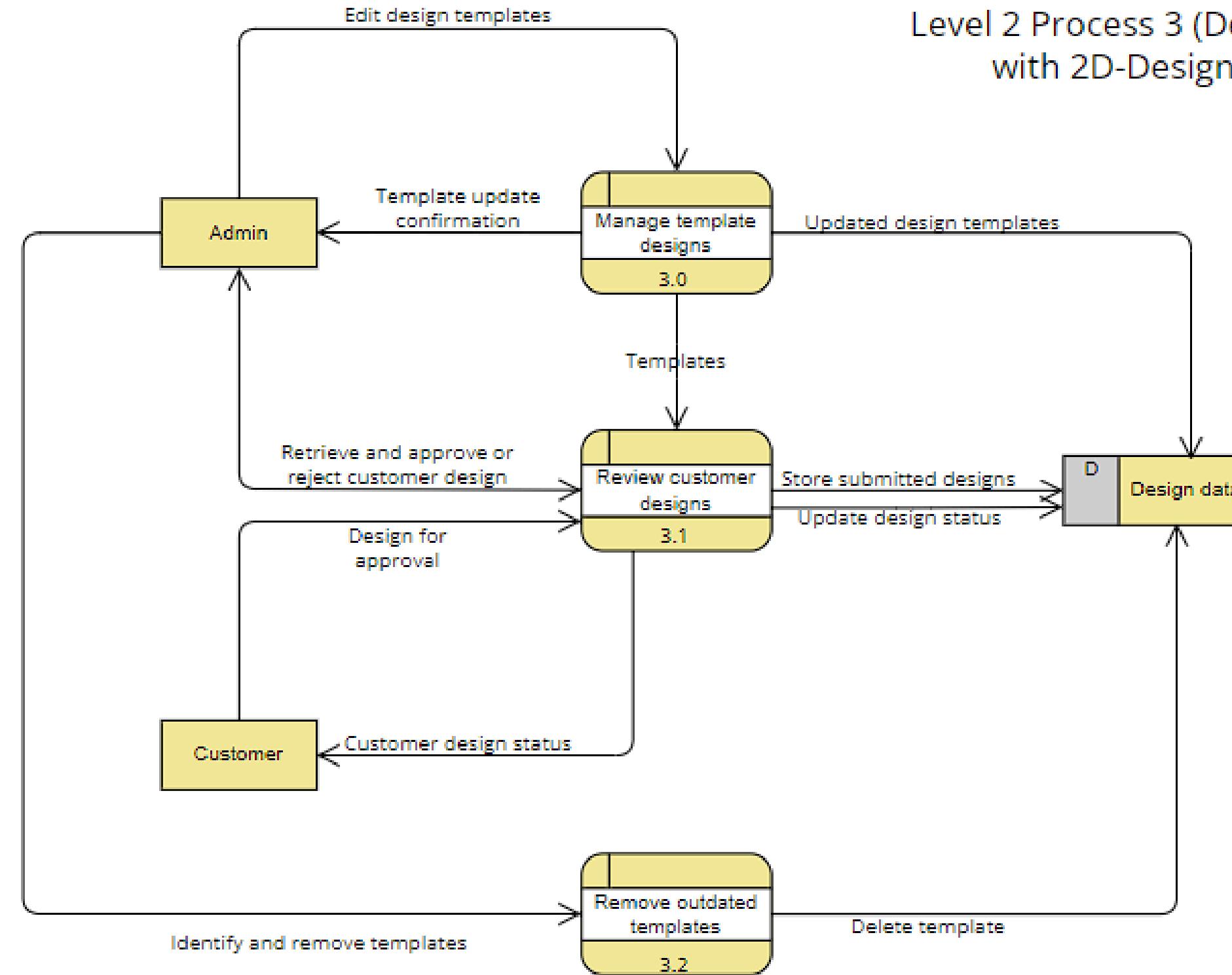
(Manage Customer Account) Process 1 Level 2



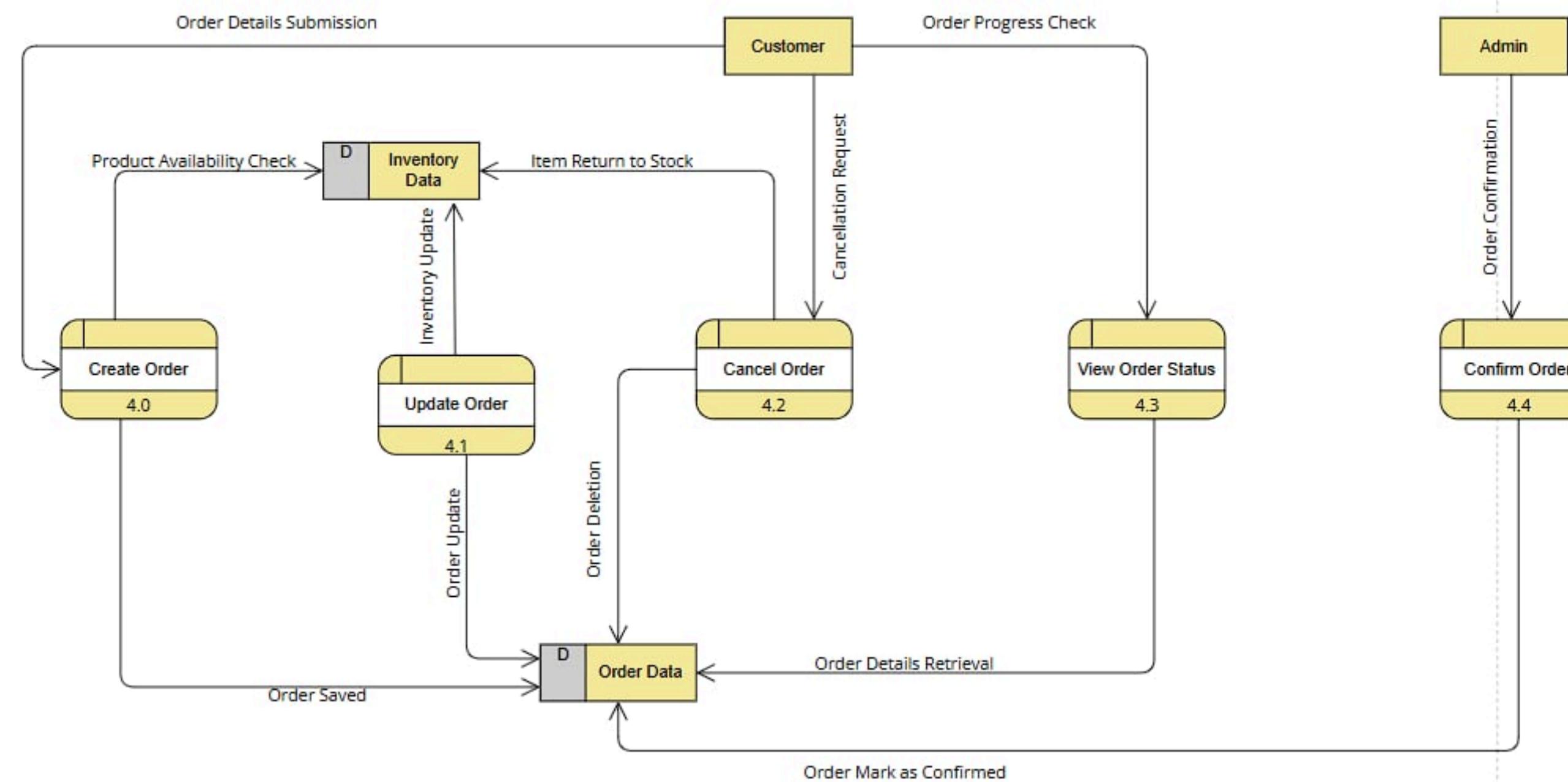
LEVEL 2 PROCESS 2 (PRODUCT SELECTION)



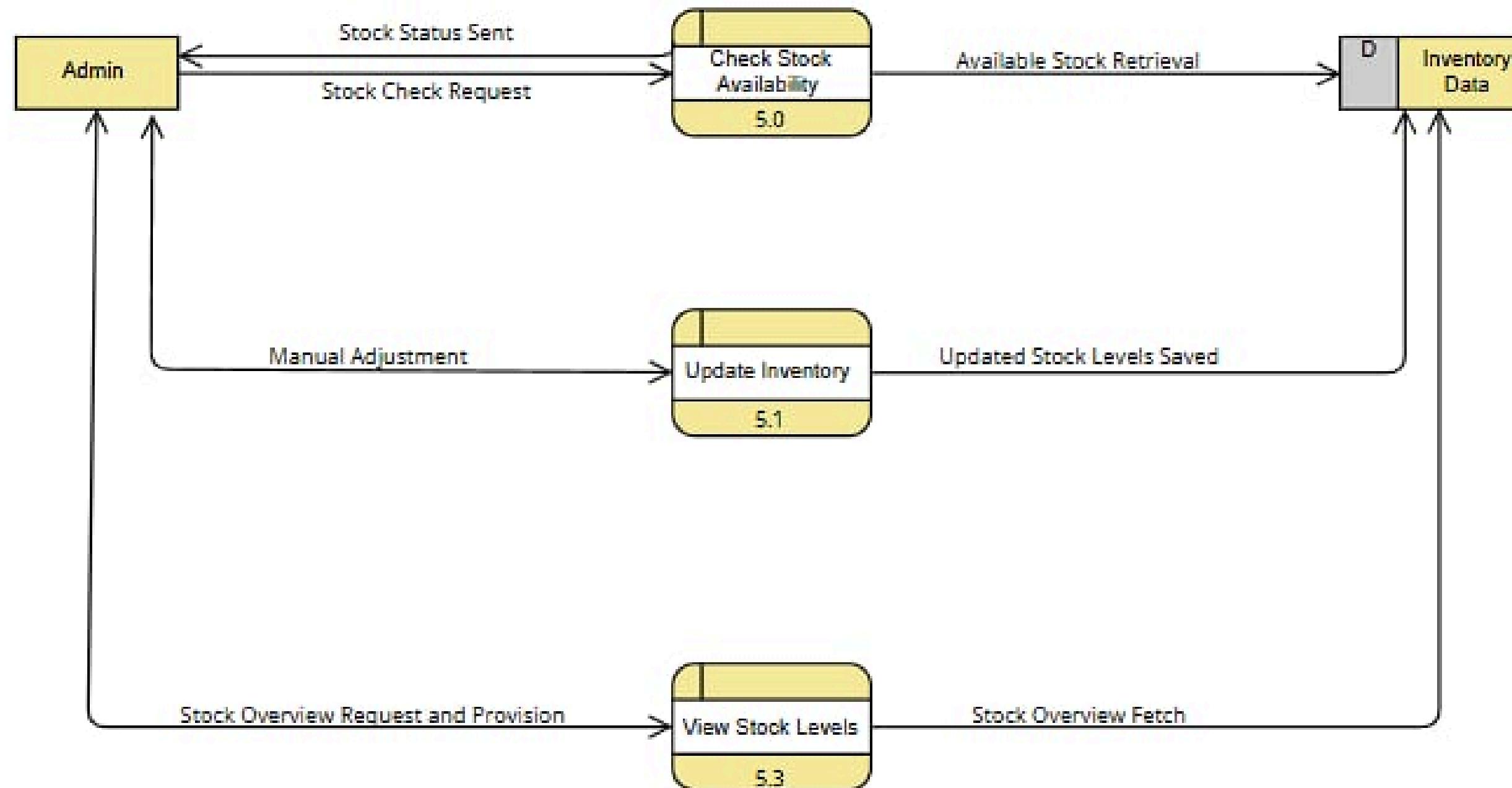
Level 2 Process 3 (Designing with 2D-Designer)



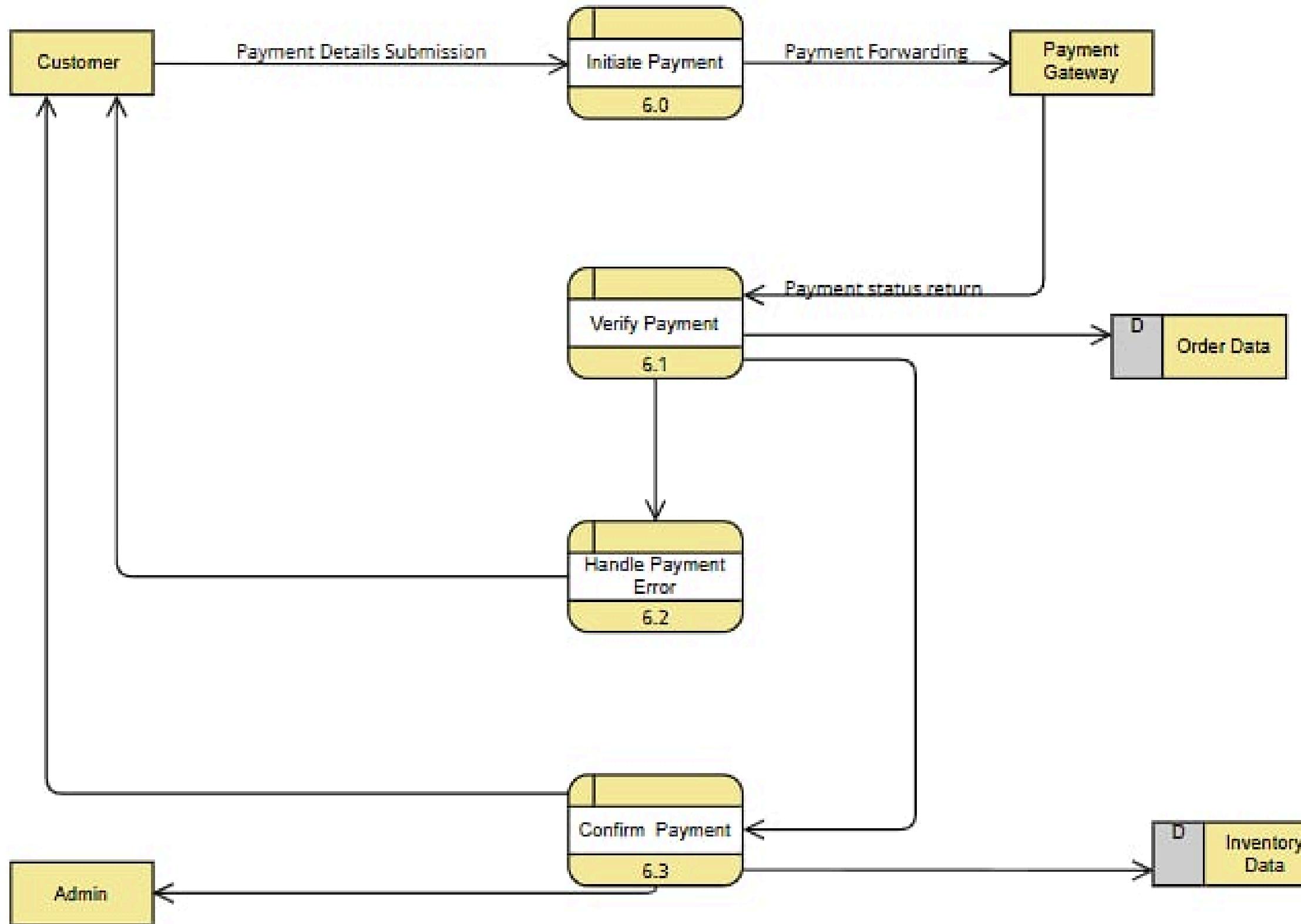
LEVEL 2 PROCESS 4 (Manage Order)

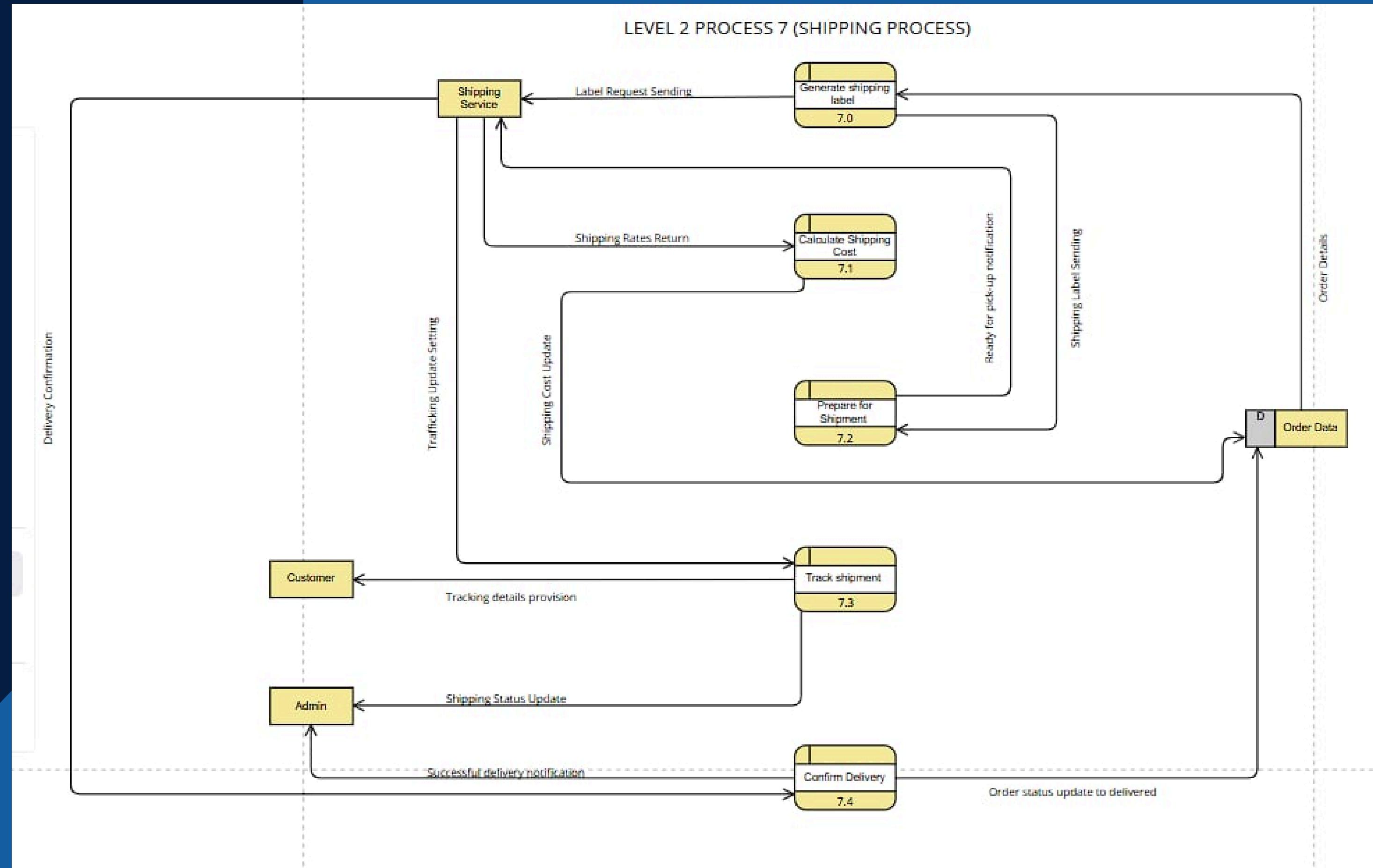


LEVEL 2 PROCESS 5 (MANAGE INVENTORY)

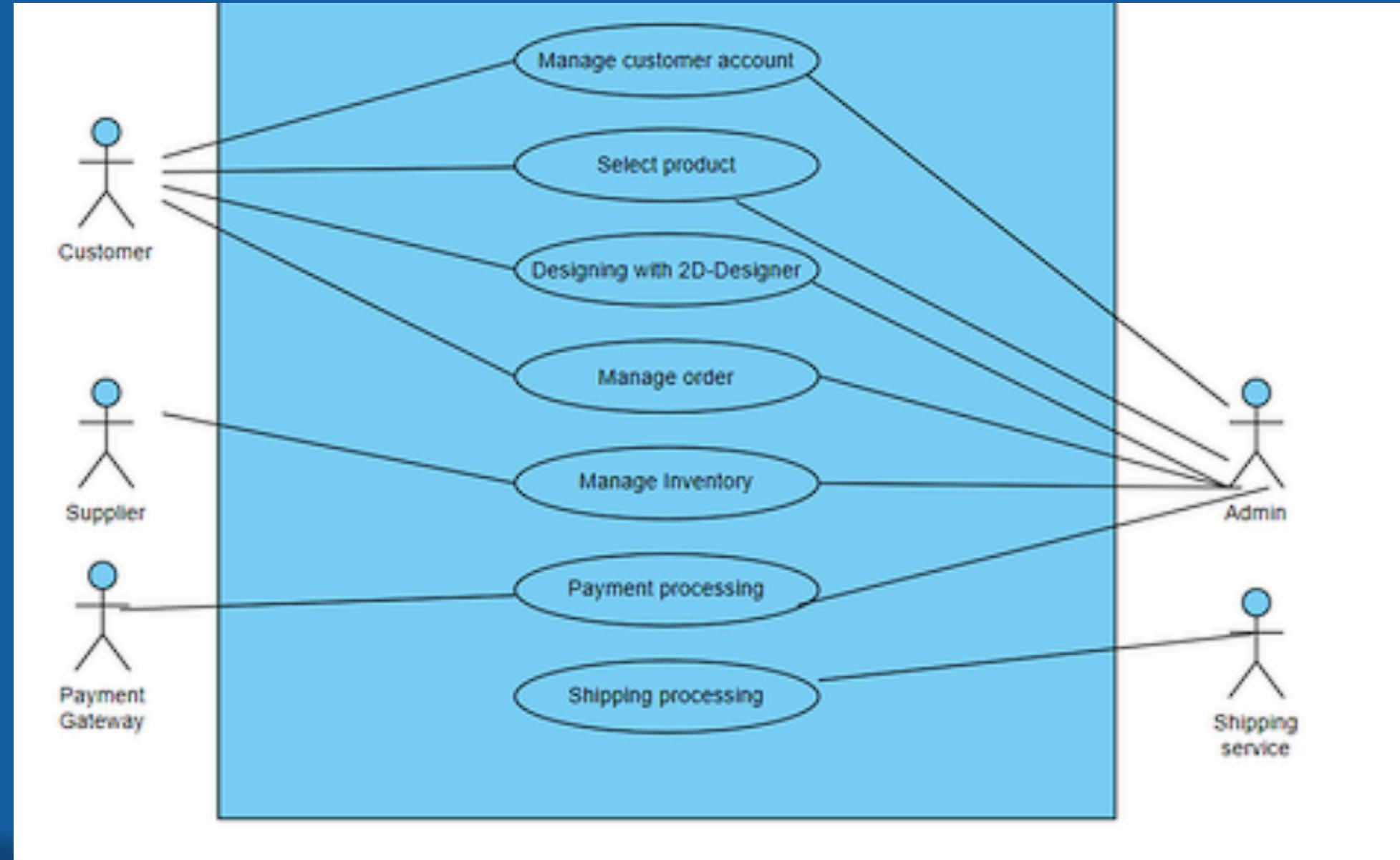


LEVEL 2 PROCESS (PAYMENT PROCESSING)





Use Case Diagram



Fully Dressed

Use Case Name	Manage Customer Account							
Use Case Number	UC-01							
Description	Admin or Actor manages the customer accounts which includes updating, creating an account, removing an account and viewing information of a particular account.							
Actors	Admin, Customer							
Triggers	Admin or customer wanted to modify, delete an account thus enters profile and							
Pre-Condition	The actor must have internet connection and is using the web application							
Post-Condition	Customer's account is modified							
Flow of Activities (Admin)	<table border="1"> <thead> <tr> <th>Actor</th> <th>System</th> </tr> </thead> <tbody> <tr> <td>1.1) Admin enters into the customer information tab and searches manually or via the search bar for customers</td> <td>1.2) System retrieves Customer information from the database 2.2) Displays customer account details on screen along with the option to delete said account.</td> </tr> <tr> <td>2.1) Admin selects to delete customer</td> <td>2.1) Displays a pop up of a disclaimer regarding the deletion. 2.2) Removes customer's account from the database.</td> </tr> </tbody> </table>		Actor	System	1.1) Admin enters into the customer information tab and searches manually or via the search bar for customers	1.2) System retrieves Customer information from the database 2.2) Displays customer account details on screen along with the option to delete said account.	2.1) Admin selects to delete customer	2.1) Displays a pop up of a disclaimer regarding the deletion. 2.2) Removes customer's account from the database.
Actor	System							
1.1) Admin enters into the customer information tab and searches manually or via the search bar for customers	1.2) System retrieves Customer information from the database 2.2) Displays customer account details on screen along with the option to delete said account.							
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Flow of Activities (Customer)	<table border="1"> <thead> <tr> <th>Actor</th> <th>System</th> </tr> </thead> <tbody> <tr> <td>1.2) Customer inputs account information into the sign-up information page</td> <td>1.3) Displays customer sign-in or log in option 2.3) Inputs customer details in database</td> </tr> <tr> <td>2.2) Customer confirms account creation</td> <td>3.3) Account creation confirmation</td> </tr> </tbody> </table>		Actor	System	1.2) Customer inputs account information into the sign-up information page	1.3) Displays customer sign-in or log in option 2.3) Inputs customer details in database	2.2) Customer confirms account creation	3.3) Account creation confirmation
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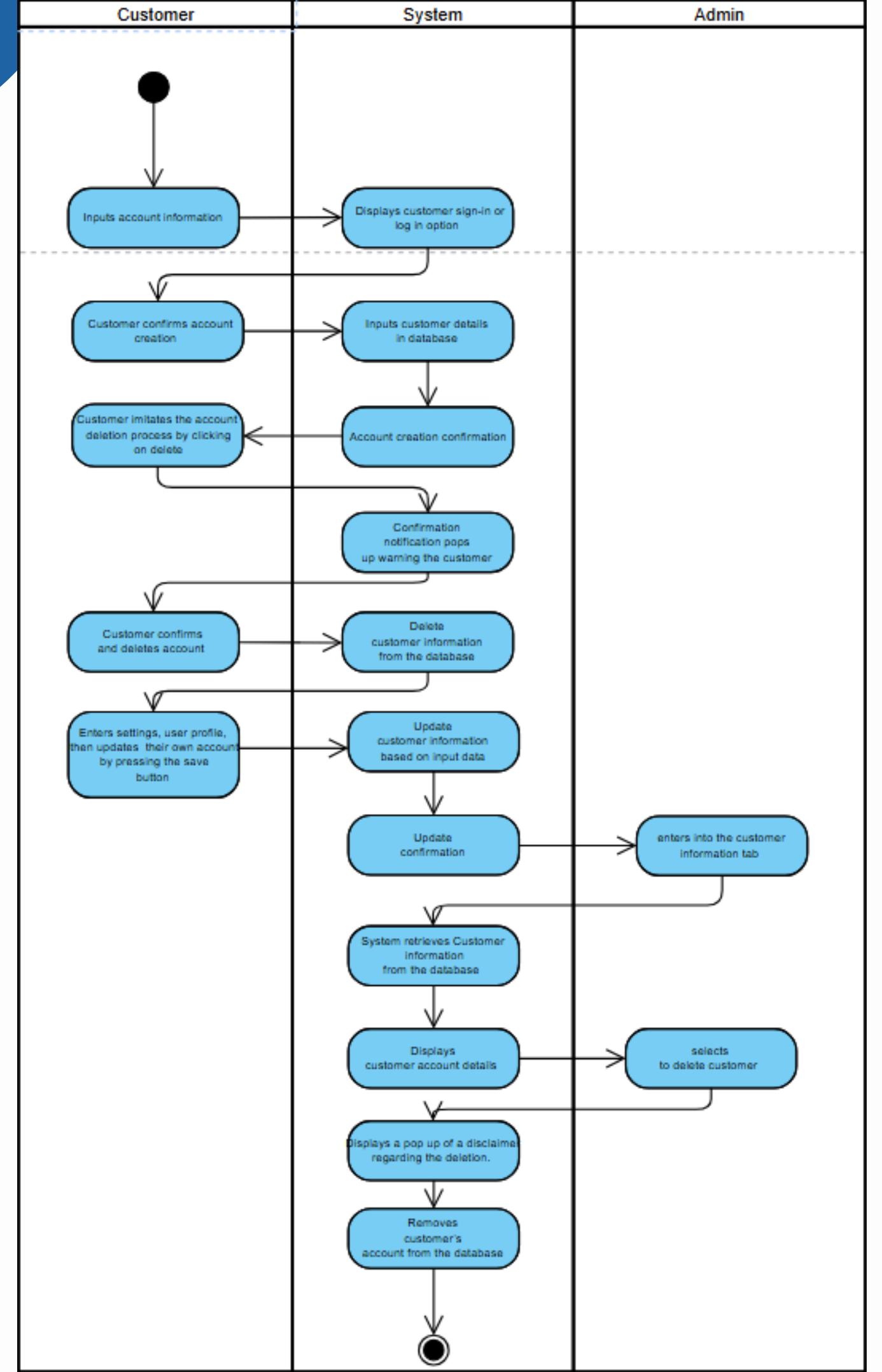
Use Case Name	Shipping processing											
Use Case Number	UC-07											
Description	Delivery time is displayed and shown by Shipping Service Provider to their customers											
Actors	Shipping Services, Customer, Admin											
Triggers	Product has been handed over to shipping services and now is out for delivery											
Pre-Condition	Product has been handed over to shipping service provider and delivery time is estimated											
Post-Condition	Delivery time is displayed											
Flow of Activities (Admin)	<table border="1"> <thead> <tr> <th>Actor</th> <th>System</th> </tr> </thead> <tbody> <tr> <td>2.1) Sends an update on shipping status of the parcel to the customer</td> <td>1.1) Sends tracking updates to the system to display the status</td> </tr> <tr> <td>3.1) Once the courier delivers the parcel successful the admin is notified successful deliver</td> <td>3.1) Notifies of successful delivery once the courier declares the parcel delivered</td> </tr> </tbody> </table>	Actor	System	2.1) Sends an update on shipping status of the parcel to the customer	1.1) Sends tracking updates to the system to display the status	3.1) Once the courier delivers the parcel successful the admin is notified successful deliver	3.1) Notifies of successful delivery once the courier declares the parcel delivered					
Actor	System											
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3.1) Once the courier delivers the parcel successful the admin is notified successful deliver	3.1) Notifies of successful delivery once the courier declares the parcel delivered											
Flow of Activities (Customer)	2.1) View tracking details	2.1) displays tracking details based on delivery services projected time										
Flow of Activities (Shipping services)	<table border="1"> <thead> <tr> <th>Actor</th> <th>System</th> </tr> </thead> <tbody> <tr> <td>1.2) Shipping services generate shipping label based on order details sent by the system.</td> <td>1.2) Sends order details to shipping services</td> </tr> <tr> <td>2.2) Picks up product once notified.</td> <td>2.2) Notify Shipping services ready for pick up</td> </tr> <tr> <td>2.1) Updates shipping tracking details to the system</td> <td>2.1) Updates tracking details and displays it to both client and admin</td> </tr> <tr> <td>3.1) Courier confirms that the parcel was delivered.</td> <td>3.1) Marks product as delivered to the client.</td> </tr> </tbody> </table>	Actor	System	1.2) Shipping services generate shipping label based on order details sent by the system.	1.2) Sends order details to shipping services	2.2) Picks up product once notified.	2.2) Notify Shipping services ready for pick up	2.1) Updates shipping tracking details to the system	2.1) Updates tracking details and displays it to both client and admin	3.1) Courier confirms that the parcel was delivered.	3.1) Marks product as delivered to the client.	
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3.1) Courier confirms that the parcel was delivered.	3.1) Marks product as delivered to the client.											
Exception Conditions	1.) System may have errors or outage that may display an outdated or may not display delivery time accurately											

Test Case

1	Test Case ID	Manage Customer Account	Test Case Description	This test case ensures that the admin or customer can manage customer accounts by updating, creating, removing, and viewing account information as per the specifications.	
2	Created By	Jouie Embudo Jr	Reviewed By	Mr. Jose Quesada	Version 1.1
3	QA Tester's Log				
4					
5	Tester's Name		Date Tested		Test Case (Pass/Fail/Not)
6					
7					
8	S #	Prerequisites:		S #	Test Data Requirement
9	1	The actor (admin or customer) must have an internet connection.		1	Valid customer account information for updates.
10	2	The system must be operational.		2	Customer account ID for deletion.
11	3	The actor must be logged in with the appropriate permissions.		3	Permission roles for admin or customer actions.
12	4			4	Network connection for online system accessibility.
13					
14	Test Conditions				
15					
16	Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
17					
18	1	Admin enters the customer information tab and searches manually or via the search bar for customers.	System should retrieve the customer information from the database and display account details on the screen, including the option to delete the account.		
19	2	Admin selects the option to delete a customer.	System should display a pop-up with a disclaimer regarding the deletion.		
20	3	Admin confirms the deletion.	System should remove the customer's account from the database and confirm the deletion.		
21	4	Customer inputs account information into the sign-up information page.	System should display the sign-in or log-in option and input customer details into the database.		
22	5	Customer confirms account creation.	System should display a confirmation message for successful account creation.		
23	6	Customer initiates the account deletion process by clicking on delete.	System should display a confirmation notification warning the customer.		
24	7	Customer confirms and deletes the account.	System should remove the customer's information from the database and list that the account has been terminated.		
25	8	Customer enters settings, user profile, and updates their account by pressing the save button.	System should update the customer information based on the input and display an update confirmation.		

TEST CASE

1	Test Case ID	Customer Selects Product	Test Case Description	This test case validates the process where the customer browses, searches, and selects a product from the catalog, ensuring the system displays relevant product details correctly.				
2	Created By	Jouie Embudo Jr	Reviewed By	Mr. Jose Quesada	Version	1.1		
3								
4	<u>QA Tester's Log</u>							
5								
6	Tester's Name		Date Tested		Test Case (Pass/Fail/Not)			
7								
8	S #	Prerequisites:		S #	Test Data Requirement			
9	1	The customer must be logged into the web application.		1	Customer account with browsing permissions.			
10	2	The system must be operational and capable of displaying products.		2	Product details and IDs in the inventory.			
11	3	Products must be available in the inventory for browsing.		3	System access to product database for querying.			
12	4			4				
13								
14	<u>Test Conditions</u>							
15								
16	Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended			
17								
18	1	Customer enters the product menu.	System should display all products, including both active and unlisted items.					
19	2	Customer searches and/or filters product criteria.	System should filter products based on the search criteria and display the results. If no matches are found, the system should display a message stating, "We are sorry, but there is no product as '...'".					
20	3	Customer views product details.	System should retrieve and display the product details.					
21	4	Customer adds a product to the cart.	System should update the cart with the selected product information.					

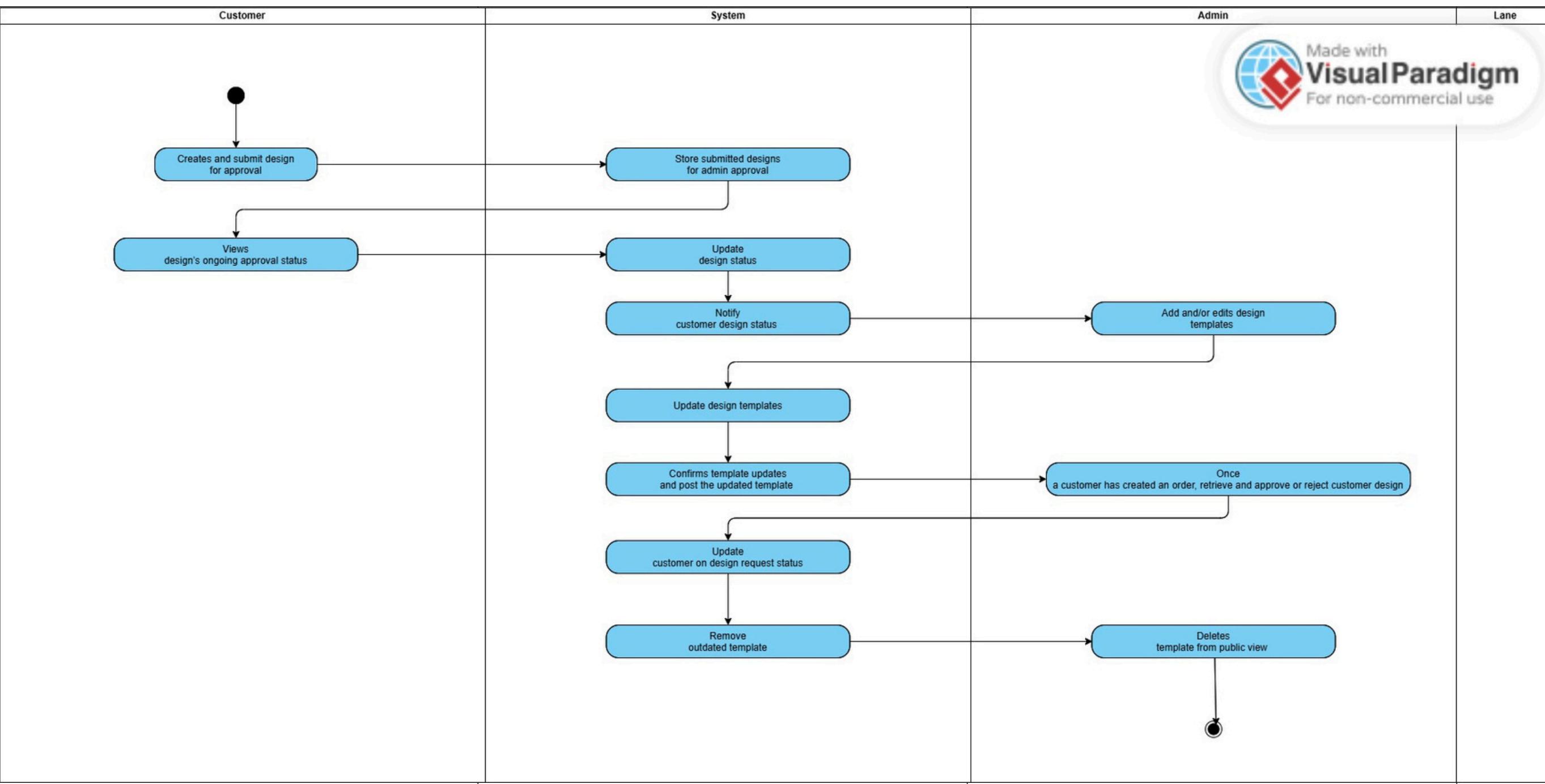


Activity Diagram with Swim Lanes

Manage Customer Account

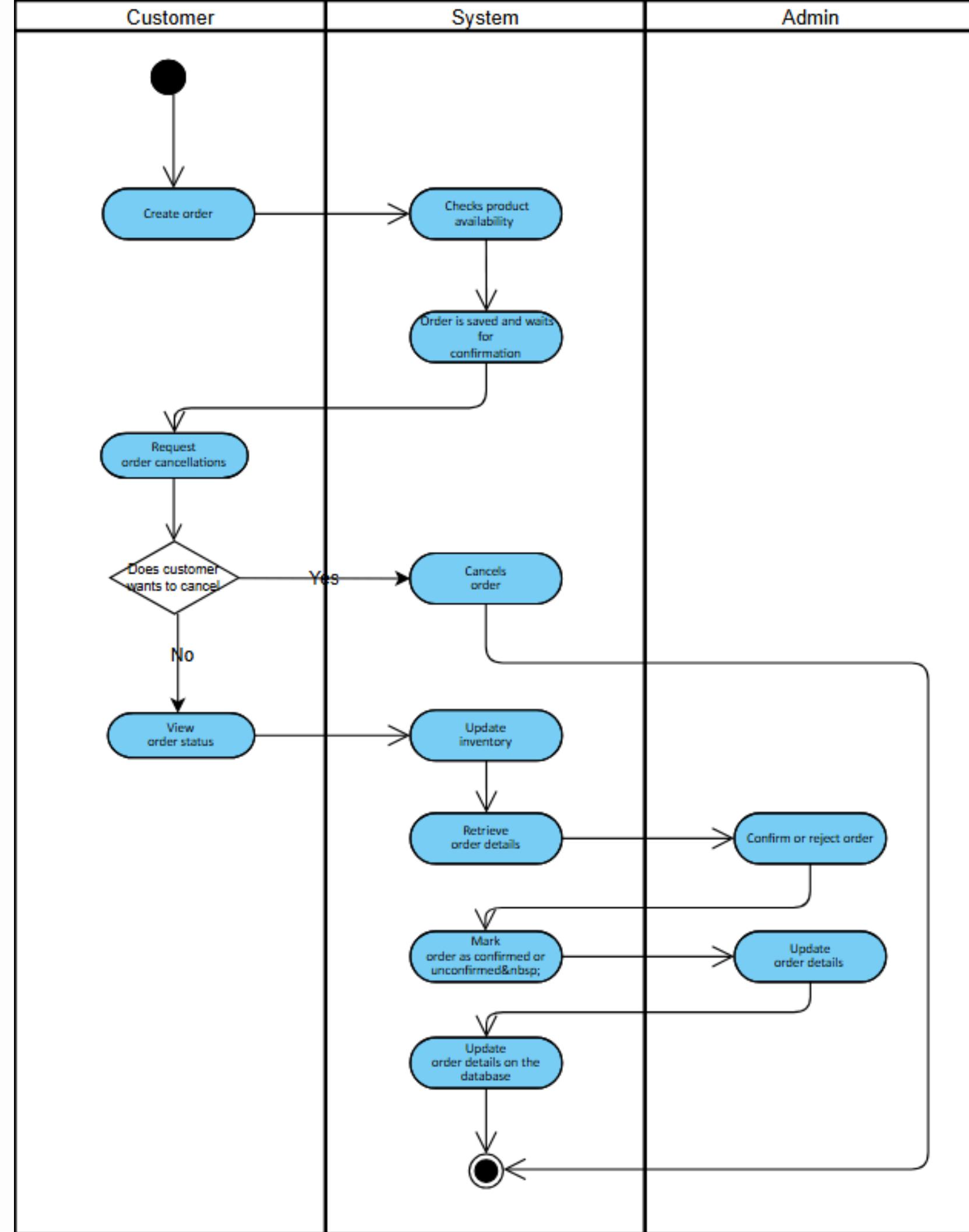
Activity Diagram with Swim Lanes

Design with 2D-Designer



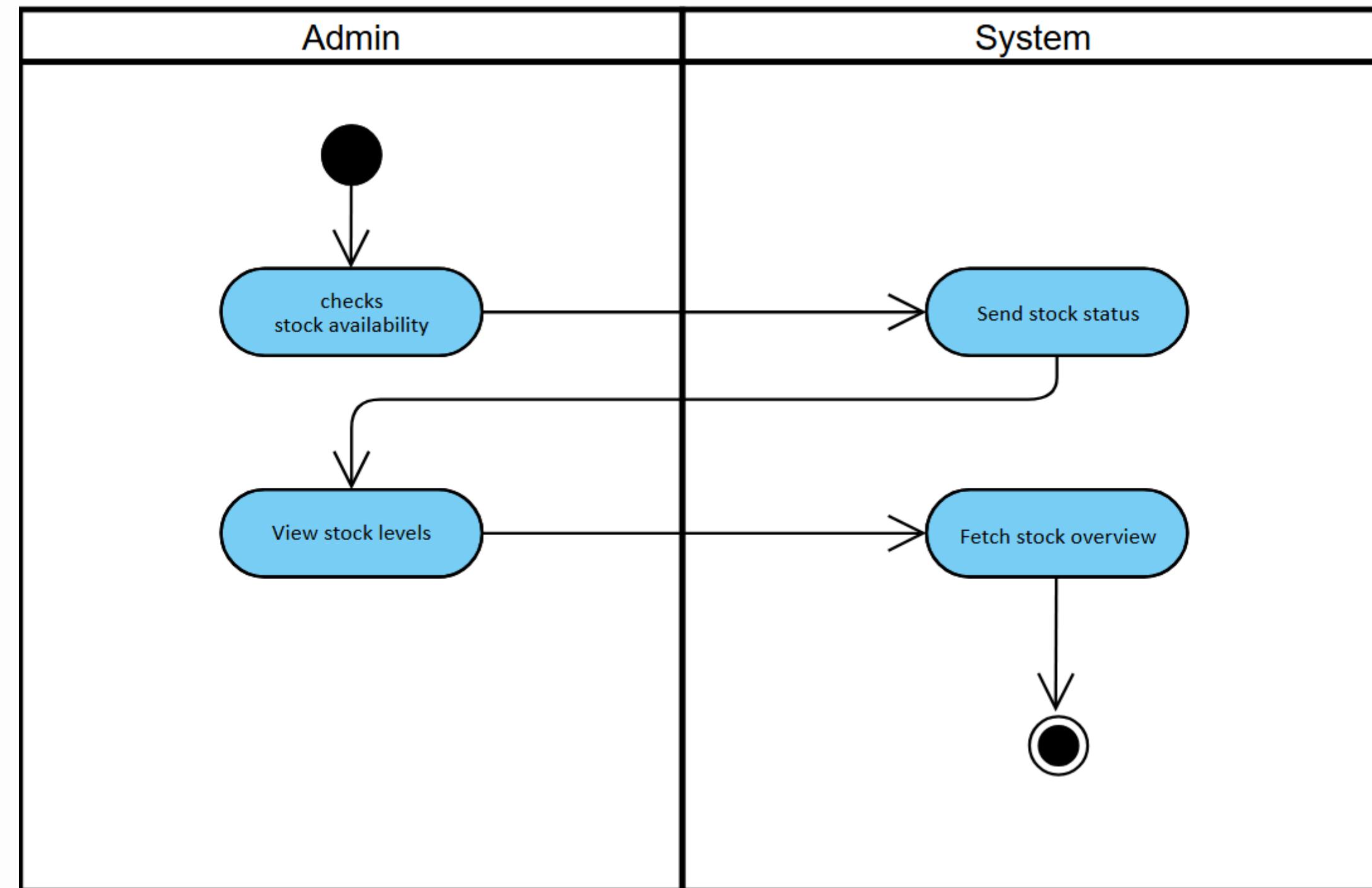
Activity Diagram with Swim Lanes

Manage Orders



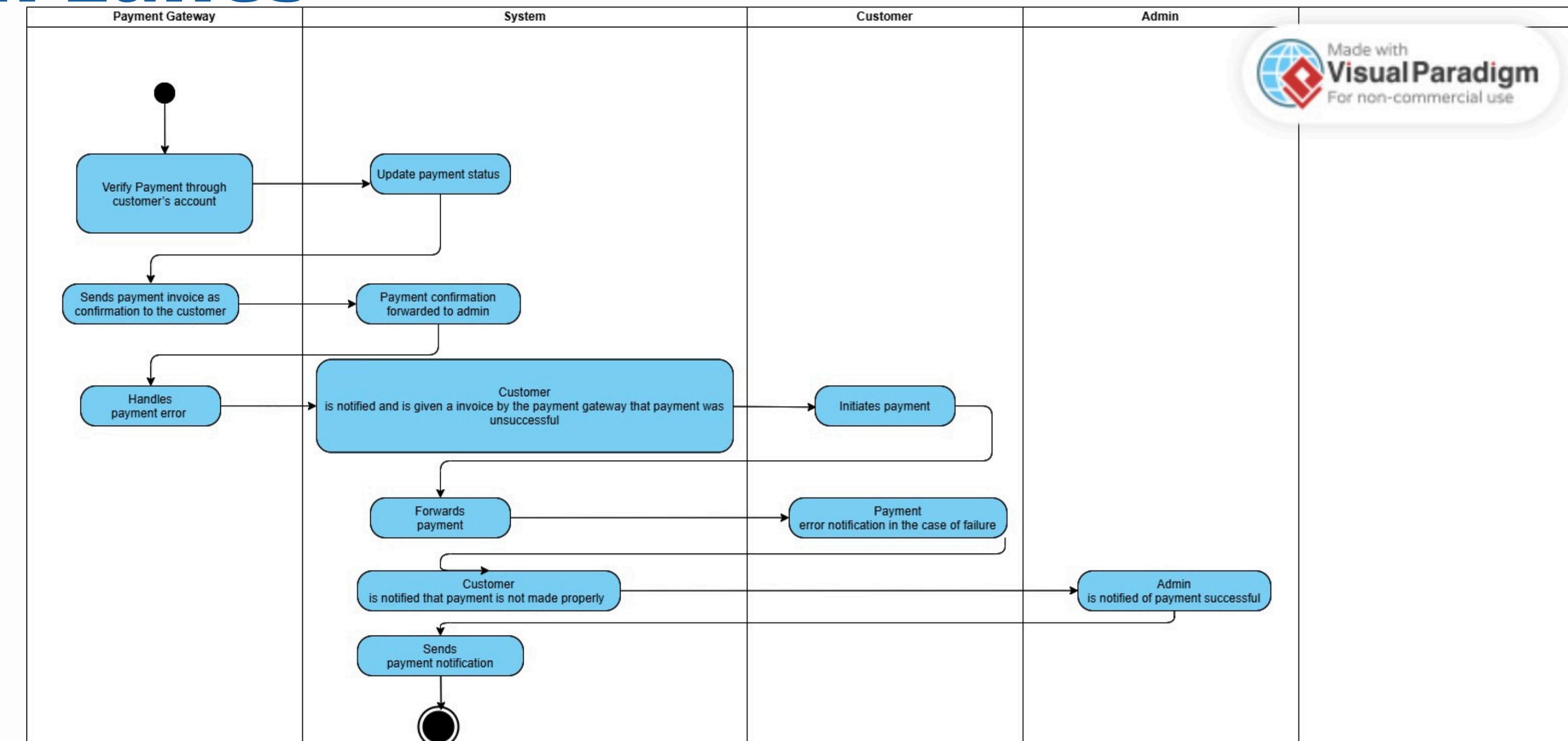
Activity Diagram with Swim Lanes

Manage Inventory



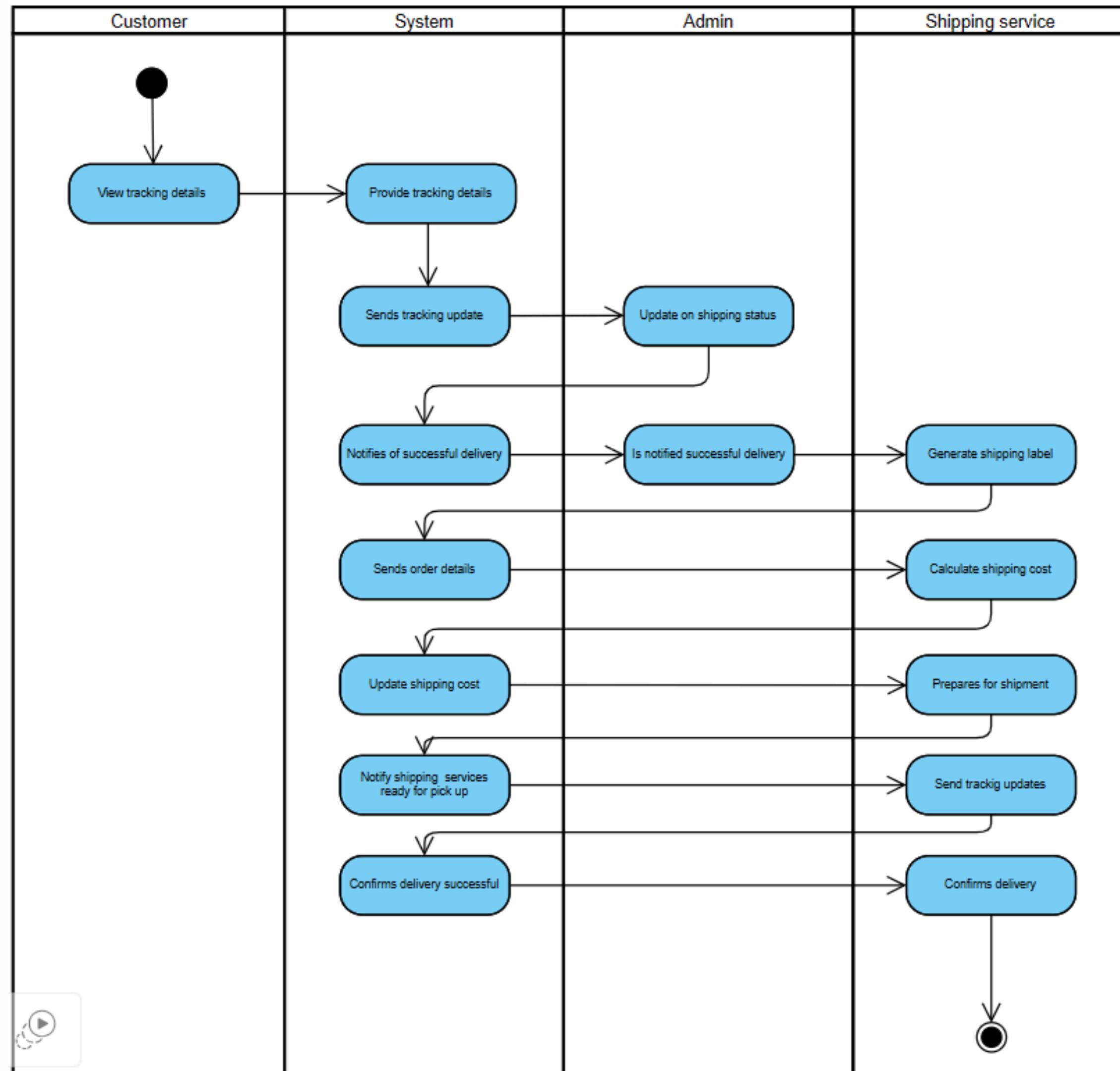
Payment Processing

Activity Diagram with Swim Lanes

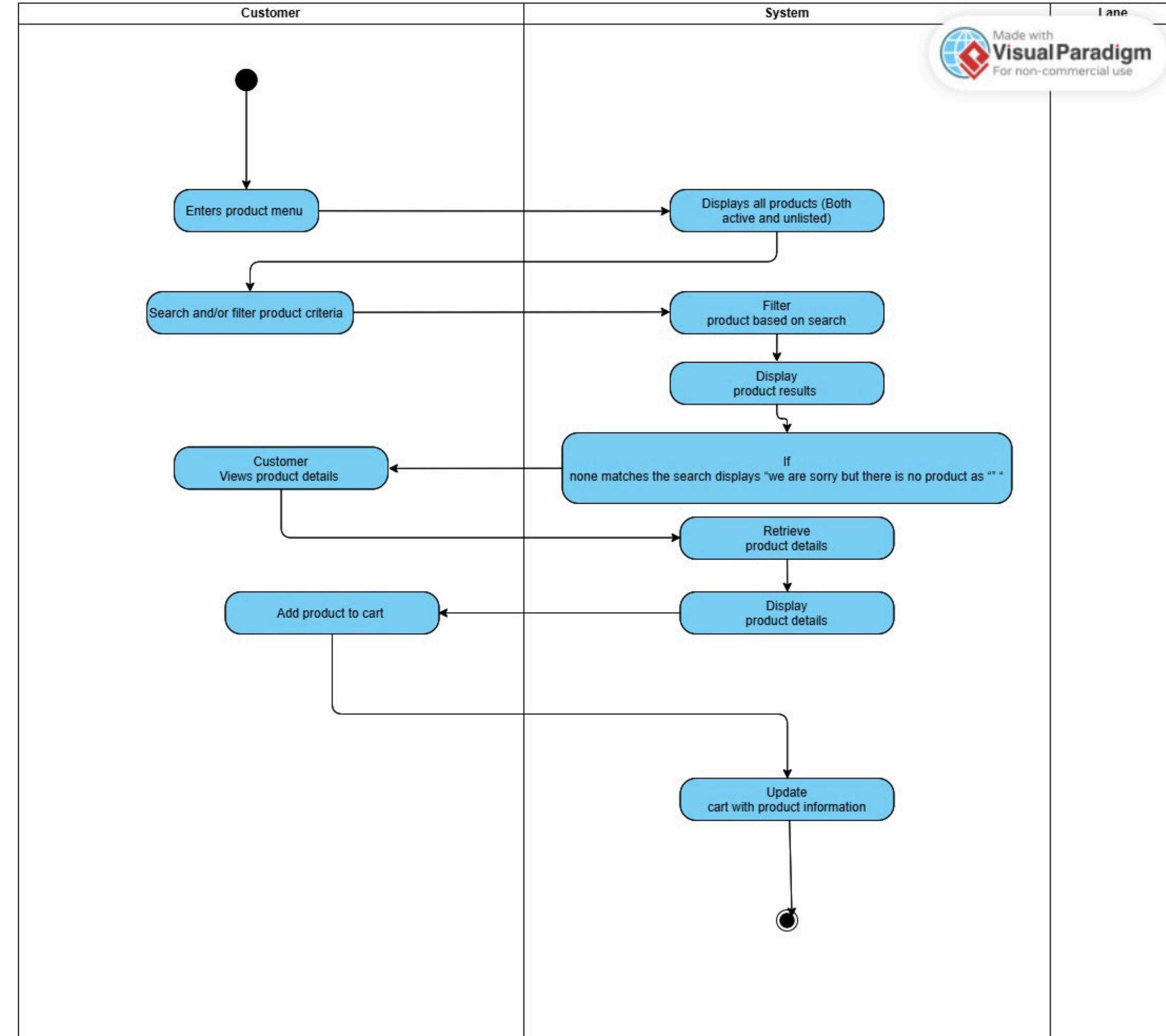


Shipping process

Activity Diagram with Swim Lanes

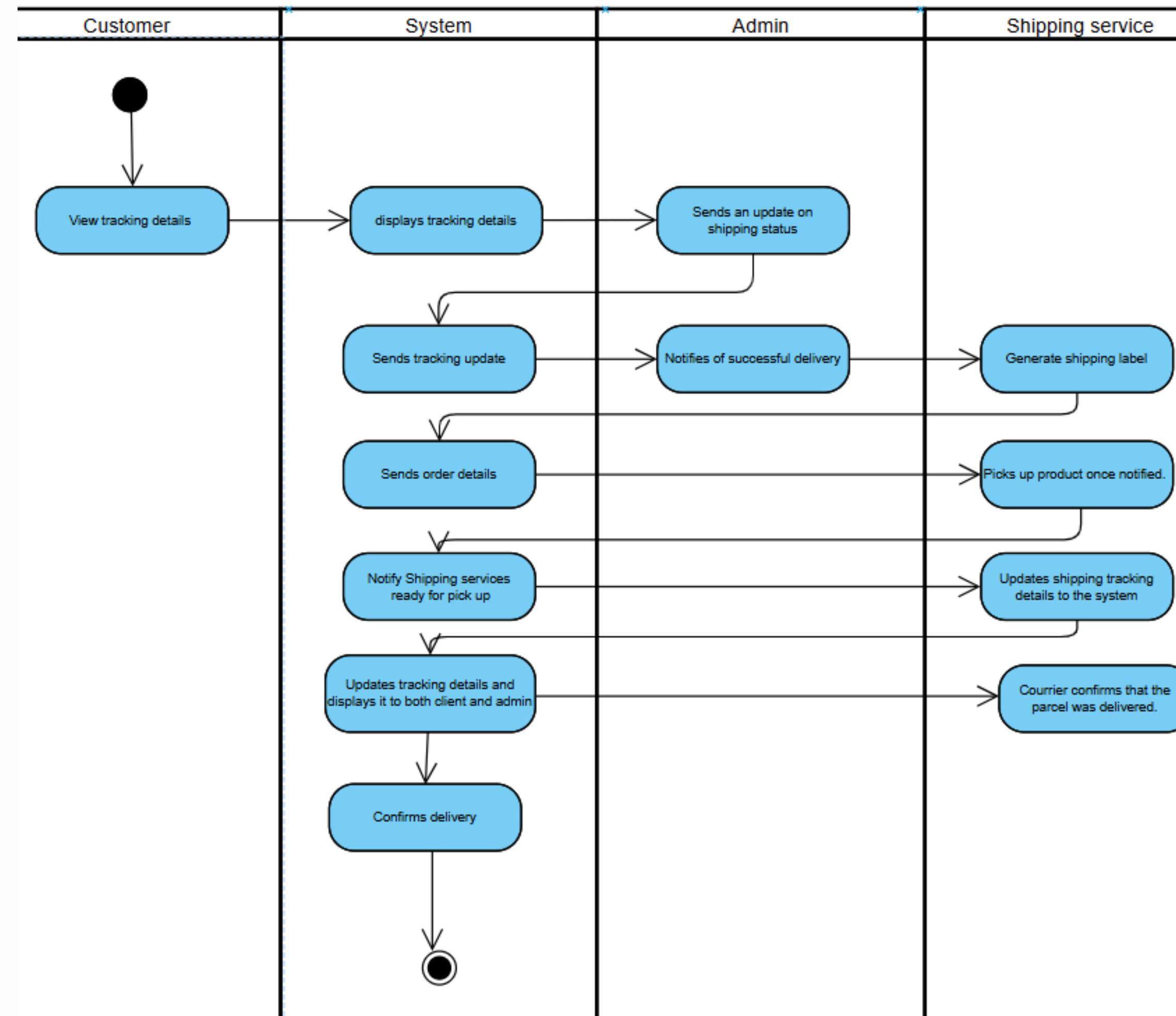


Product Selection Activity Diagram with Swim Lanes

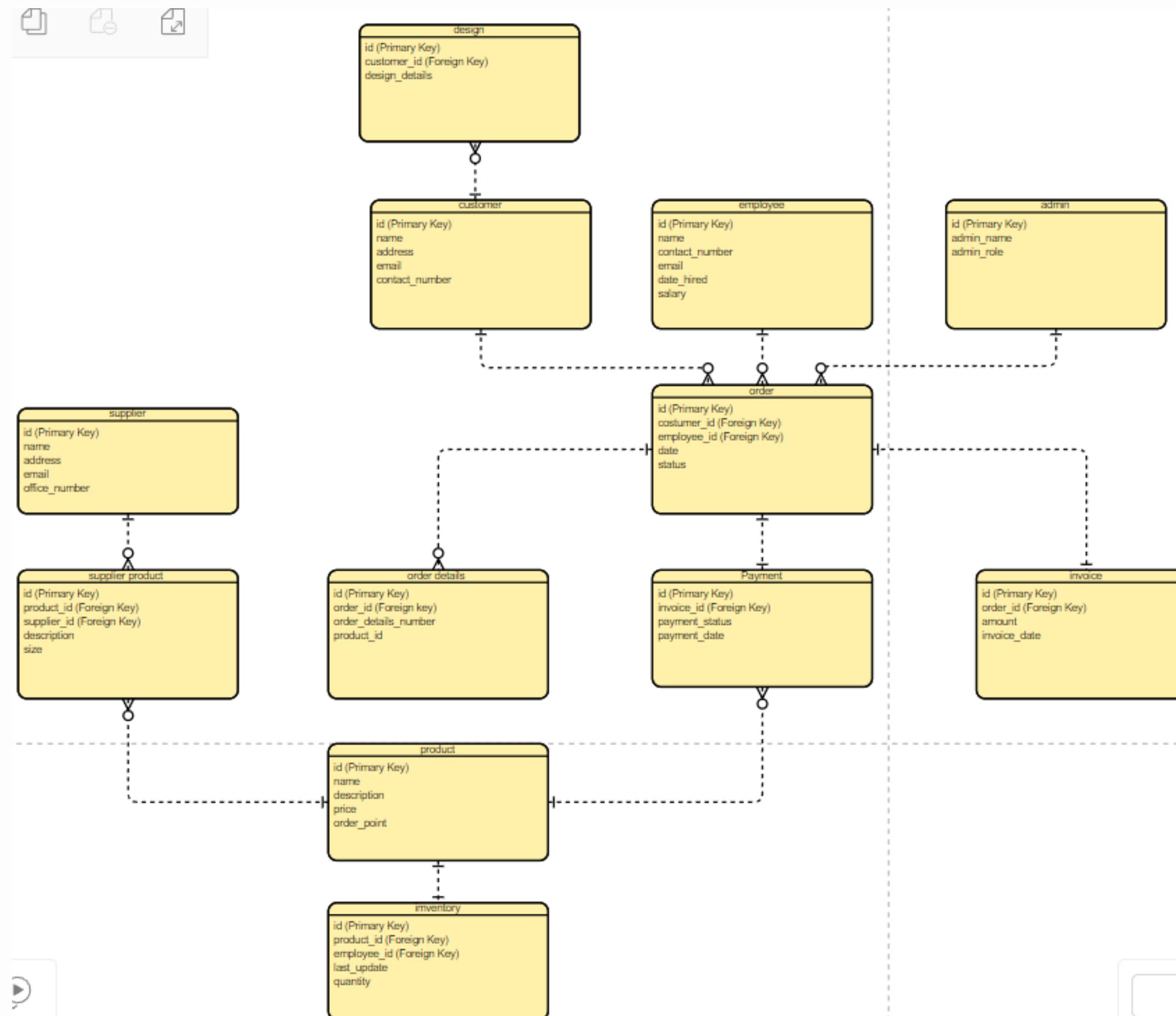


Shipping process

Activity Diagram with Swim Lanes



Entity Relationship Diagram



THANK YOU!



**DO YOU HAVE ANY
QUESTION?**