

WEB DEVELOPMENT PROJECT ON

Cona Shoes Store



GUJARAT UNIVERSITY

Estd. 1949

Gujrat University(2025-2026)
(Bachelor of Computer Application Semester-5)
DEVELOPED BY,

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Acknowledgement

- I would like to express my sincere gratitude to everyone who contributed to the success of the Cona shoe store project. First and foremost, I extend my thanks to our project guide prof-Vidhi Bhatt, whose guidance and unwavering support were instrumental in shaping the direction and outcome of this project. We would like to thank our company manager who selected us to do this project and give us permission for it
- Special appreciation goes to the team members of Cona shoe store for their dedication and hard work in executing this project efficiently. Lastly, I am deeply thankful to my family and friends for their continuous encouragement, without which this achievement would not have been possible.
- Thank you all for your belief in the vision of Cona shoe store

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Introduction

- Cona Shoes Store is a digital footwear platform designed for selling shoes which supports the purchase and sales of stylish and high-quality footwear for men and women and kid under the exclusive brand name Cona. It will enable the individual outlet to offer sneakers, sports shoes, formal shoes, and casual footwear online through the website.
- The proposed system is aimed at creating a website where footwear can be conveniently bought and sold through an internet connection.
- While purchasing shoes online, customers can explore various products, select from multiple designs under categories, use online payment methods, and available delivery options and hence covering the disadvantages of the existing system and simplifying the shopping process and shifting the store away from traditional manual process.
- The benefit of this is the entire sales process can be managed with complete access to customer information.
- It includes modules (users) such as Admin, Customer, Visitor.
- Here, the Admin controls all operations, customers can browse, select and purchase footwear online or offline, while visitors can simply explore the available designs and categories on the platform

- the footwear categories will include men's and women's and kid's collections, with subcategories such as formal shoes, casual wear, sports shoes, sneakers, sandals, boots, and heels

Company Profile



Techmicra IT Solutions, Ahmedabad

Email ID:-info@techmicra.in

Website:- www.techmicra.in

Contact No:- +91-9727835207

Project Profile:

- Group details**
- Existing System**
- Limitations of Existing System**
- Proposed System**
- Tools & Technology Used**

Group Details:

- Project Title:-** Cona shoes store
- Project Guide:-** Our internal guide is Professor Vidhi Bhatt.
- Group No:-** 20

Presented By:-

<i>Sr. No.</i>	<i>Name</i>	<i>Roll No.</i>
1.	Saiyed Mahin Haji Riyaz	
2.	Saiyed Naimuddin Raisuddin	
3.	IndorWala Ali Sakir	

Existing System

Cona shoes store outlets currently operate manually, requiring customers to visit the store to see and purchase products.

Customers are unaware of live discounts specific to the outlet, and there is no option to buy products online directly from individual stores.

Limitations of the existing system

1. No online shopping option for outlet.
2. Customers are unaware of live discounts.
3. Customers have to visit the shop has as per the shop timing.
4. We can attract only local customers.
5. Manual product selection and billing processes lead to inefficiencies.
6. Manual Process is very lengthy and tedious.
7. There is no way to check product availability at specific stores without visiting.
8. No option for online order and in-store pickup or delivery from outlet

Proposed System

Admin:-

- Admin will add the product details.
- Admin will update the product details.
- Admin will delete the product details.
- Admin will manage the category and sub-category of the products.
- Admin will manage the product placement and order cancelation process.
- Admin will manage the user login authentication and all the user details.
- Admin will update the status of placed order.

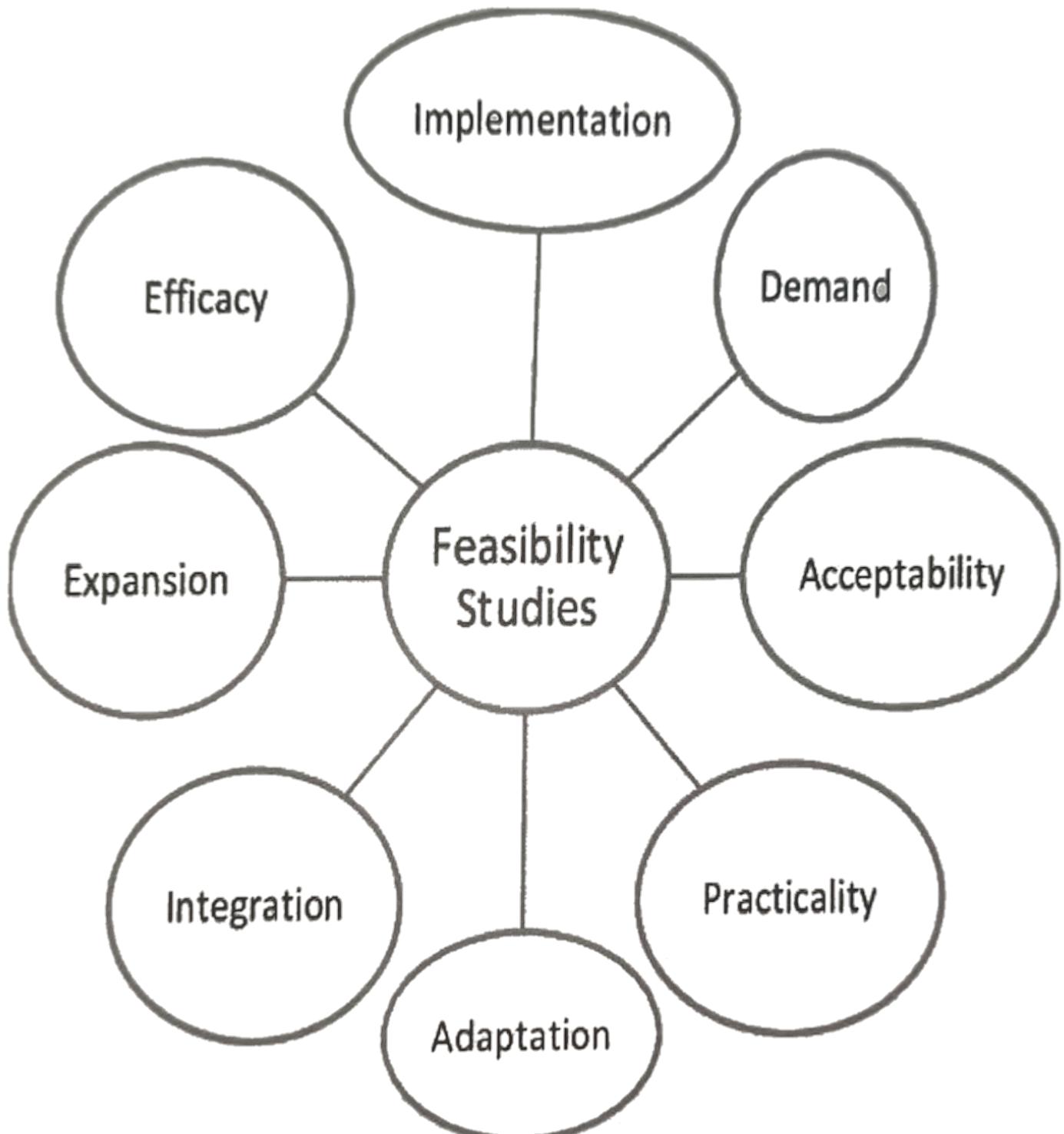
User:-

- Users will register by giving all basic details.
- Users will login using id and password.
- Users can view the products, category, and sub-category of the product.
- Users can place the order and also can cancel it.
- Users will give feedback for the product.
- Users will give feedback for the product.

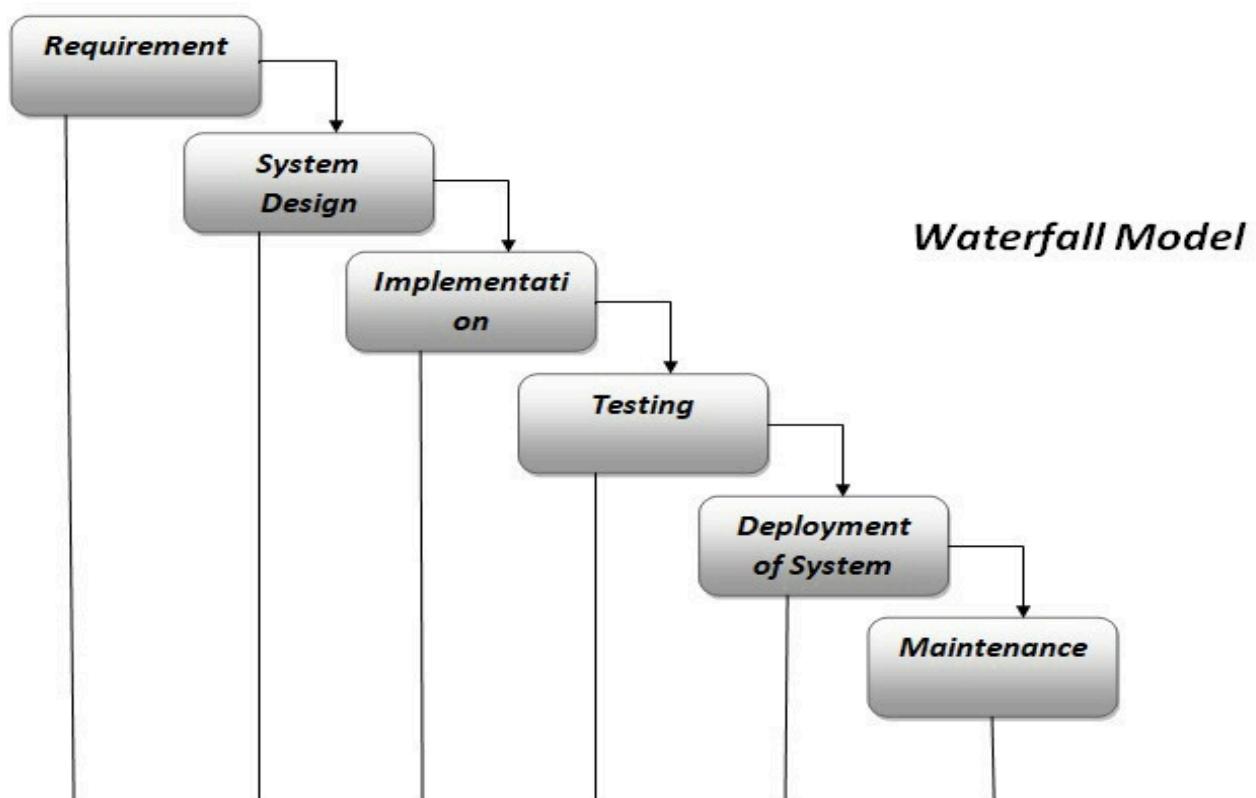
Tools and Technology Used

<i>Hardware Used</i>	
Processor :	Core i5-5300U
CPU:	2.30 GHz
RAM:	8 GB
HDD:	256 GB
<i>Technology Used</i>	
Front-End:	HTML,CSS, JavaScript
Back-End :	PHP, MySql
<i>Software Used</i>	
Application Software:	MicrosoftOffice PowerPoint 2007
Operating System:	Windows 10pro

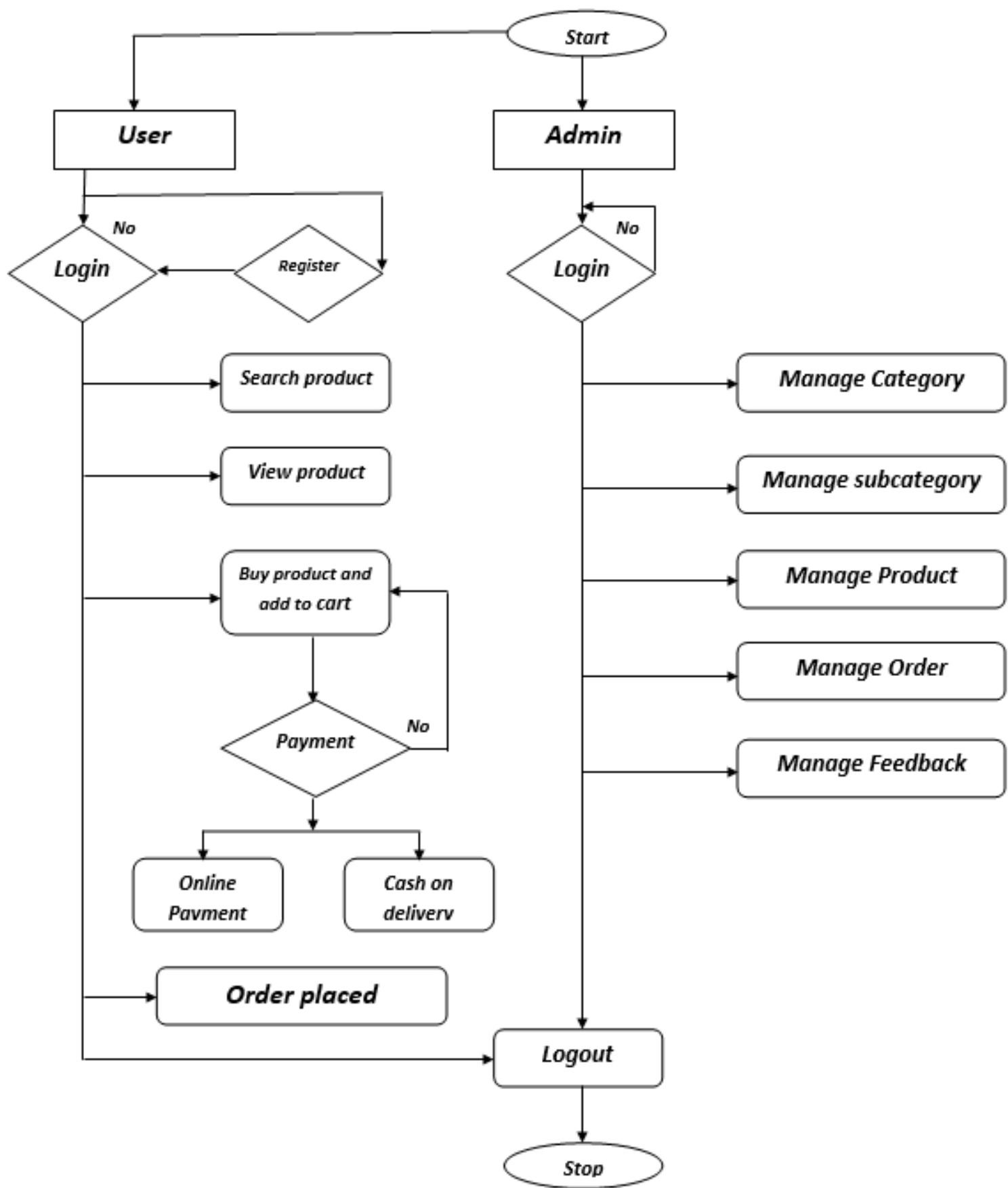
Feasibility Study



Process Model

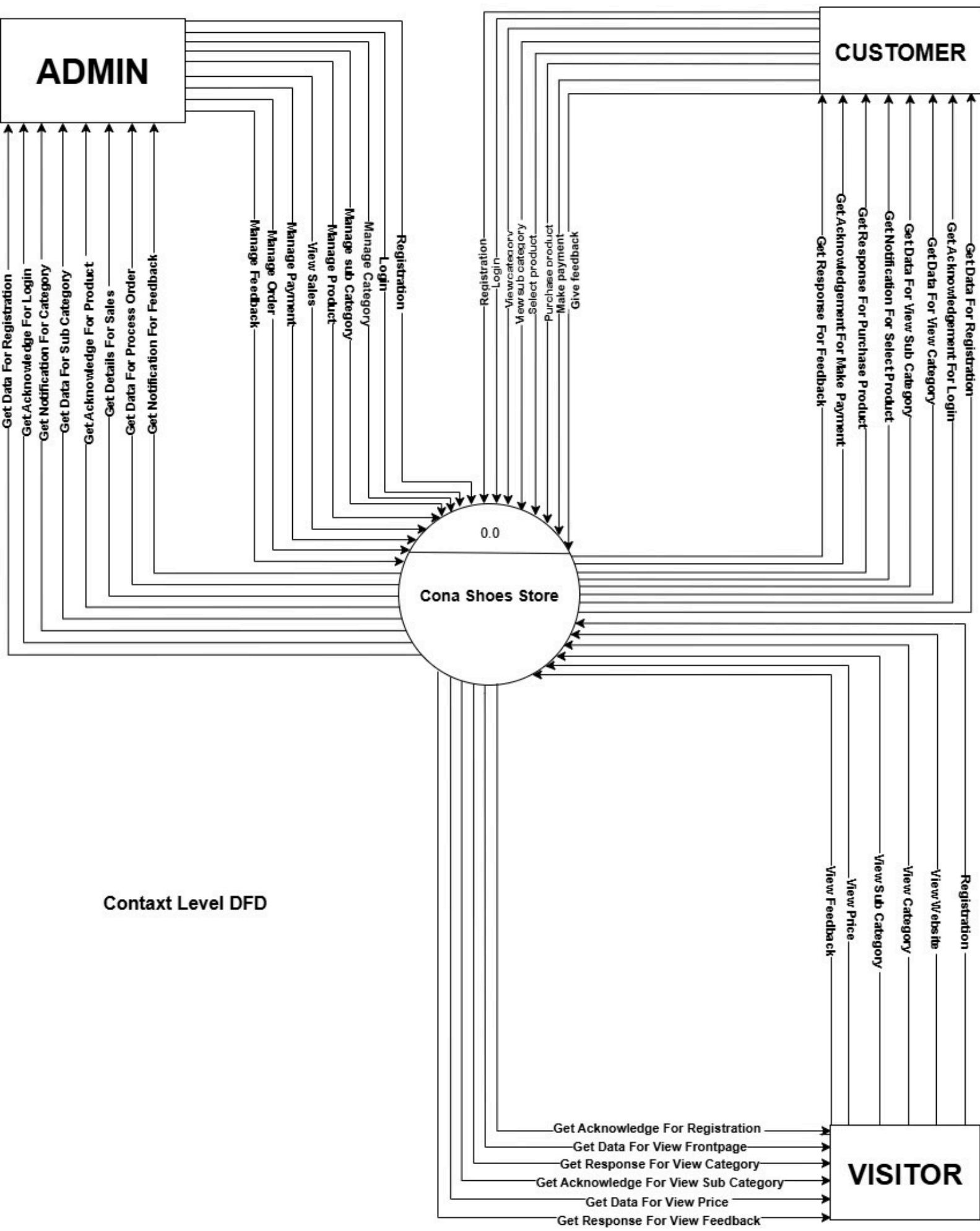


Flow Chart

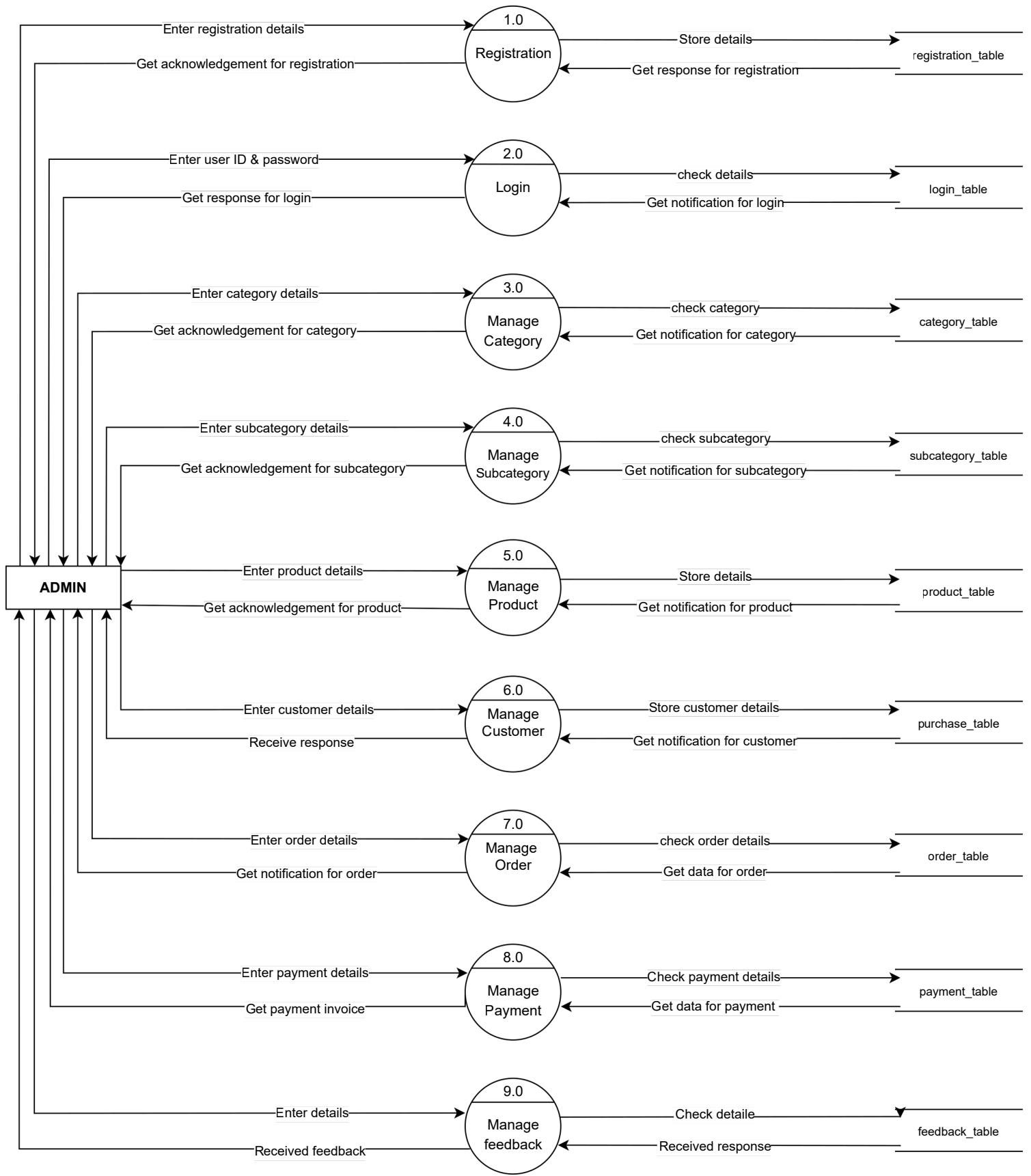


Data Flow Diagram

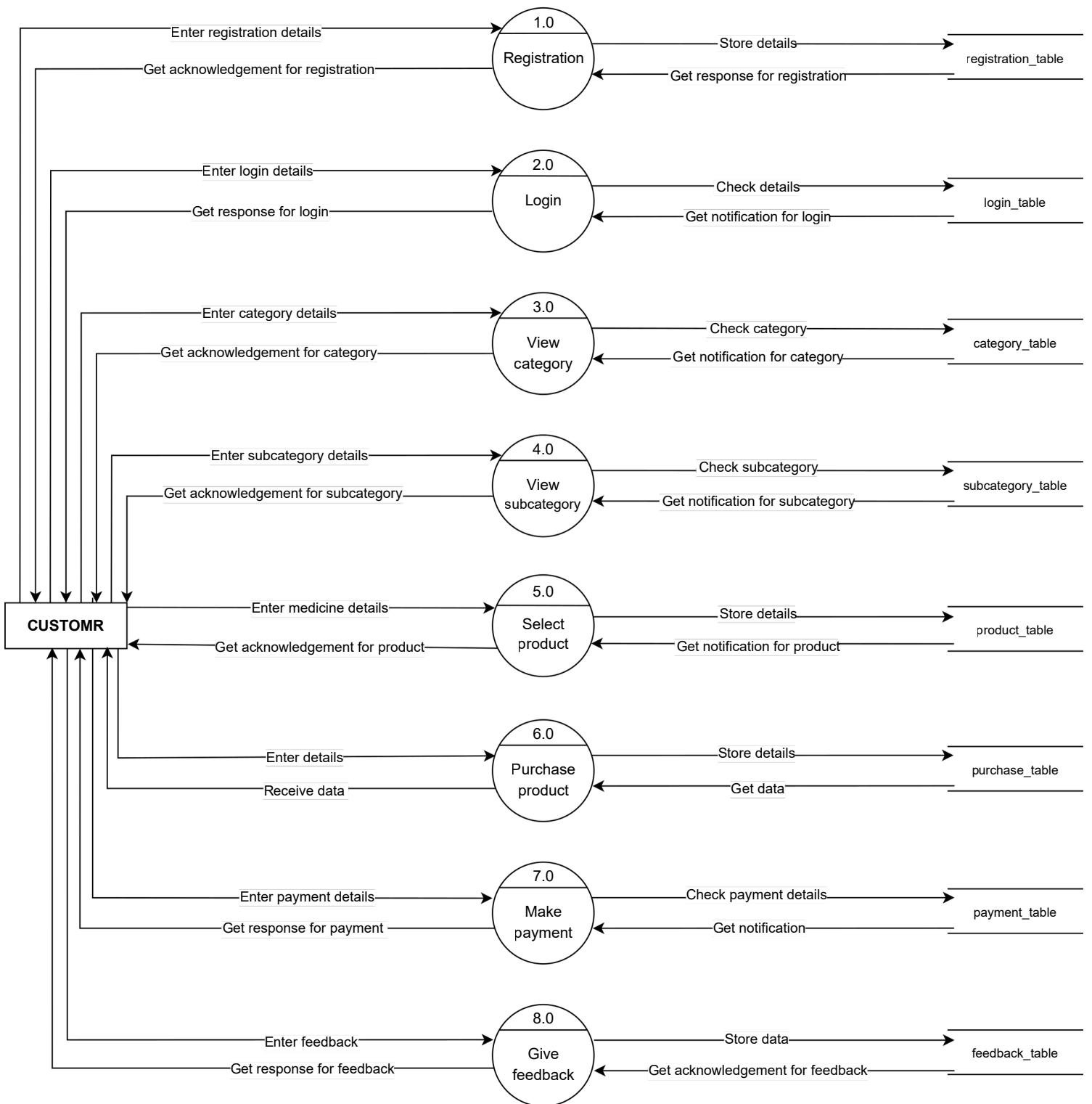
- A data flow diagram is graphical representation of the "flow" of the data through an information system modeling its process aspects. A DFD is often used as a preliminary step to create an overview of the system without going into detail, which can later be elaborated.
- A DFD shows what kind of information will be input to and output from the system, how the data will advance through the system, and where the data will be stored.
- It does not show information about process timing or whether processes will operate in sequence and parallel, unlike a traditional structured flow chart which focuses on control flow.



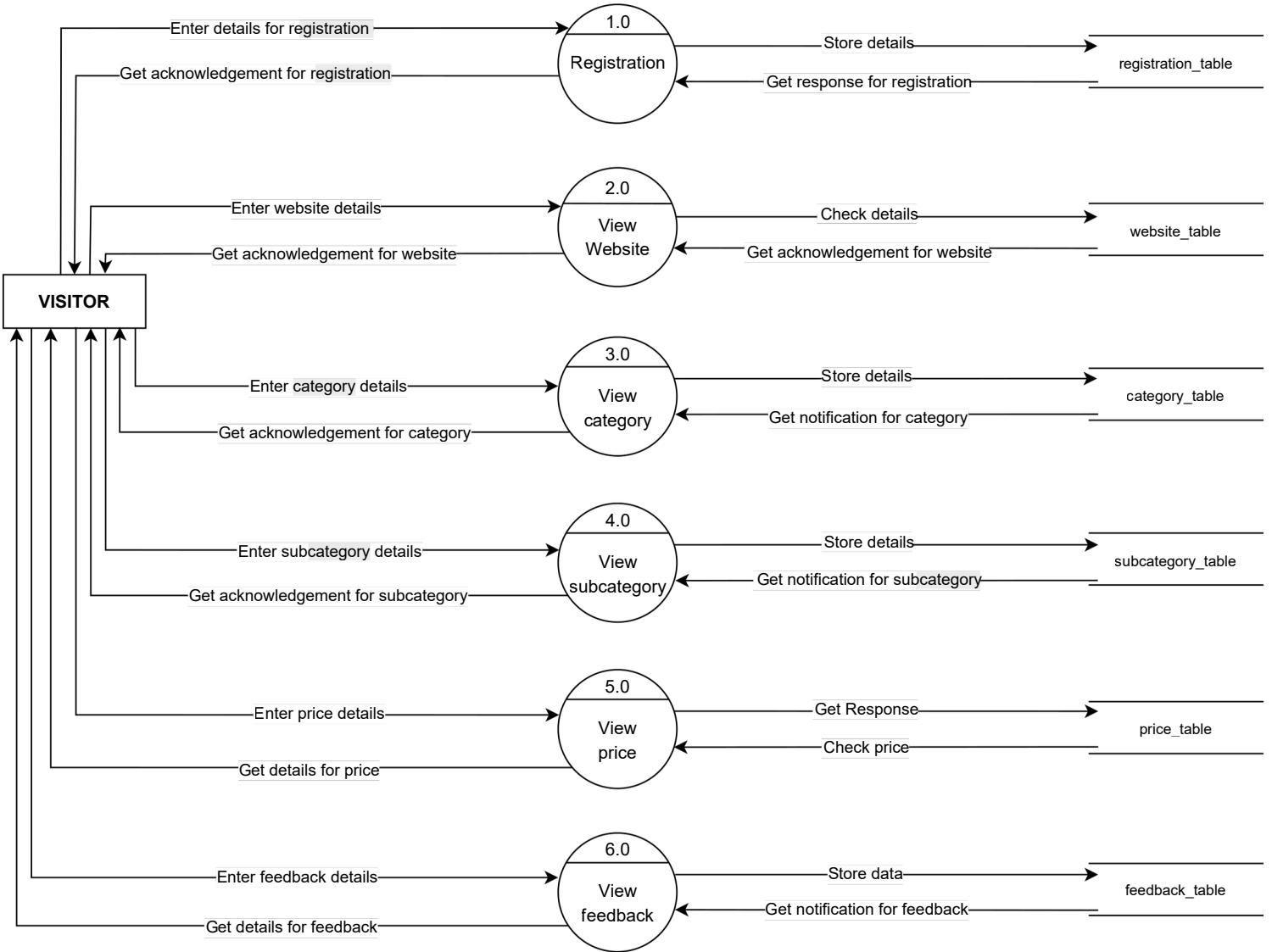
1ST LEVEL DFD FOR ADMIN



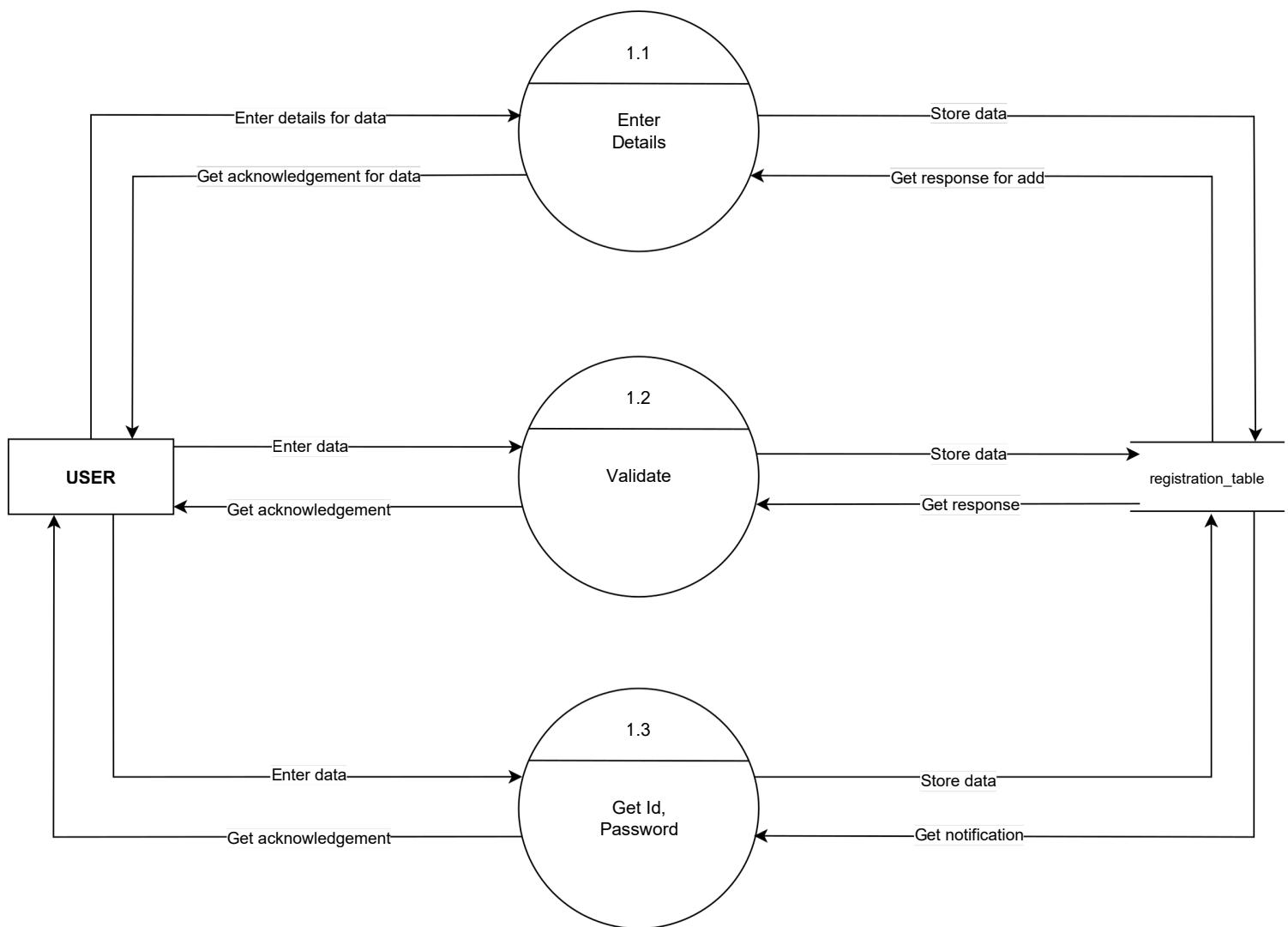
1ST LEVEL DFD FOR CUSTOMER



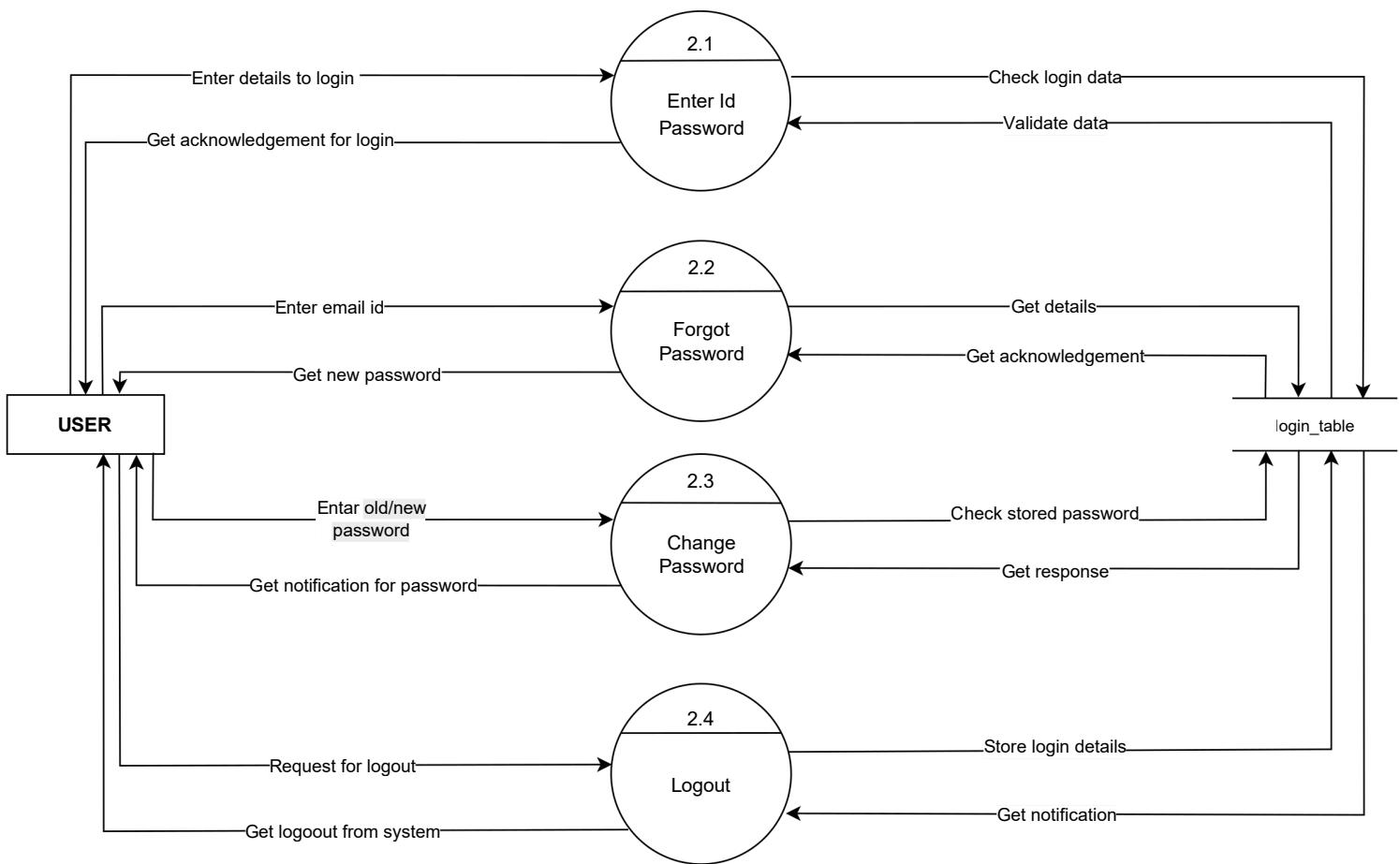
1ST LEVEL DFD FOR VISITOR



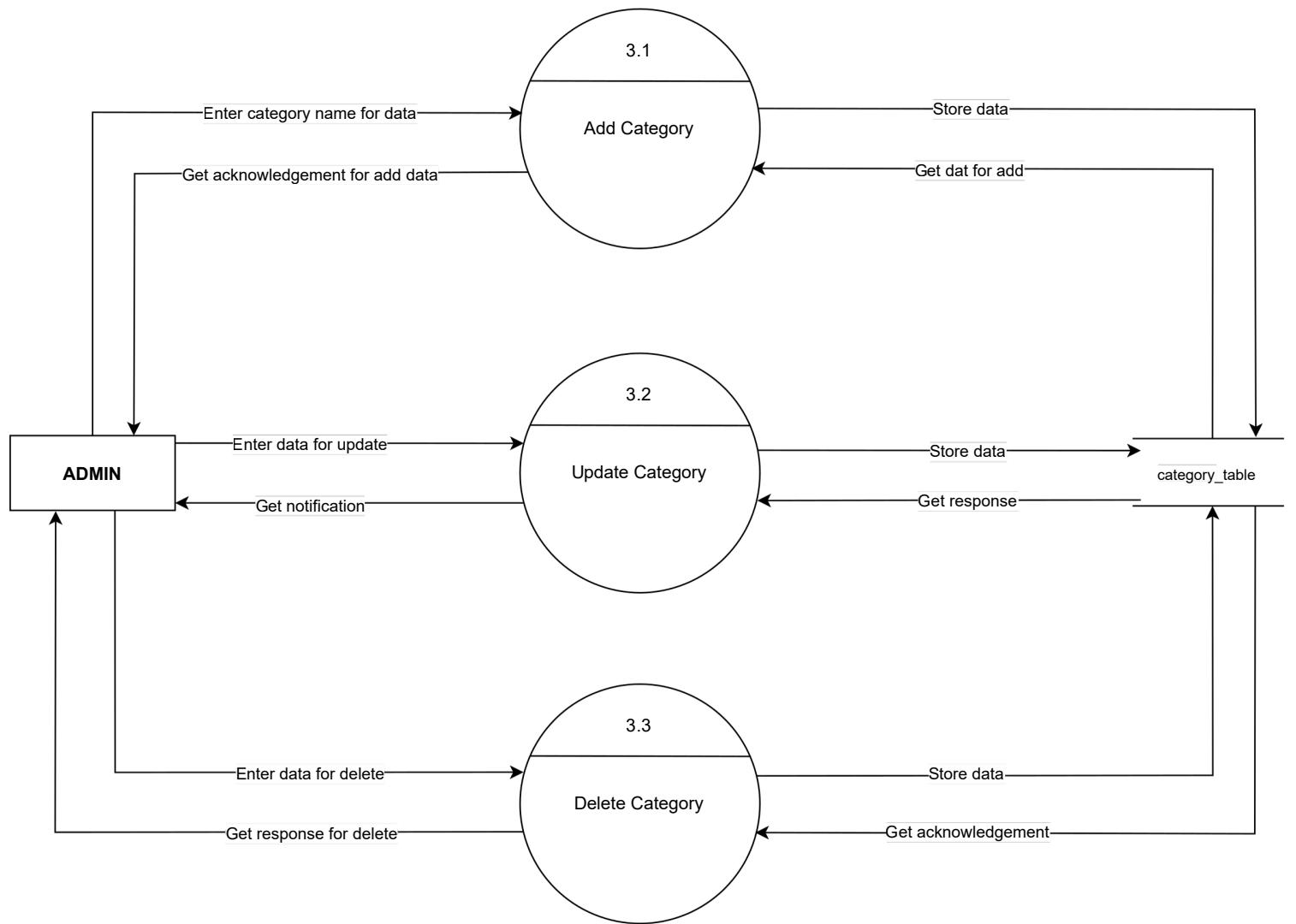
2ND LEVEL DFD REGISTRATION



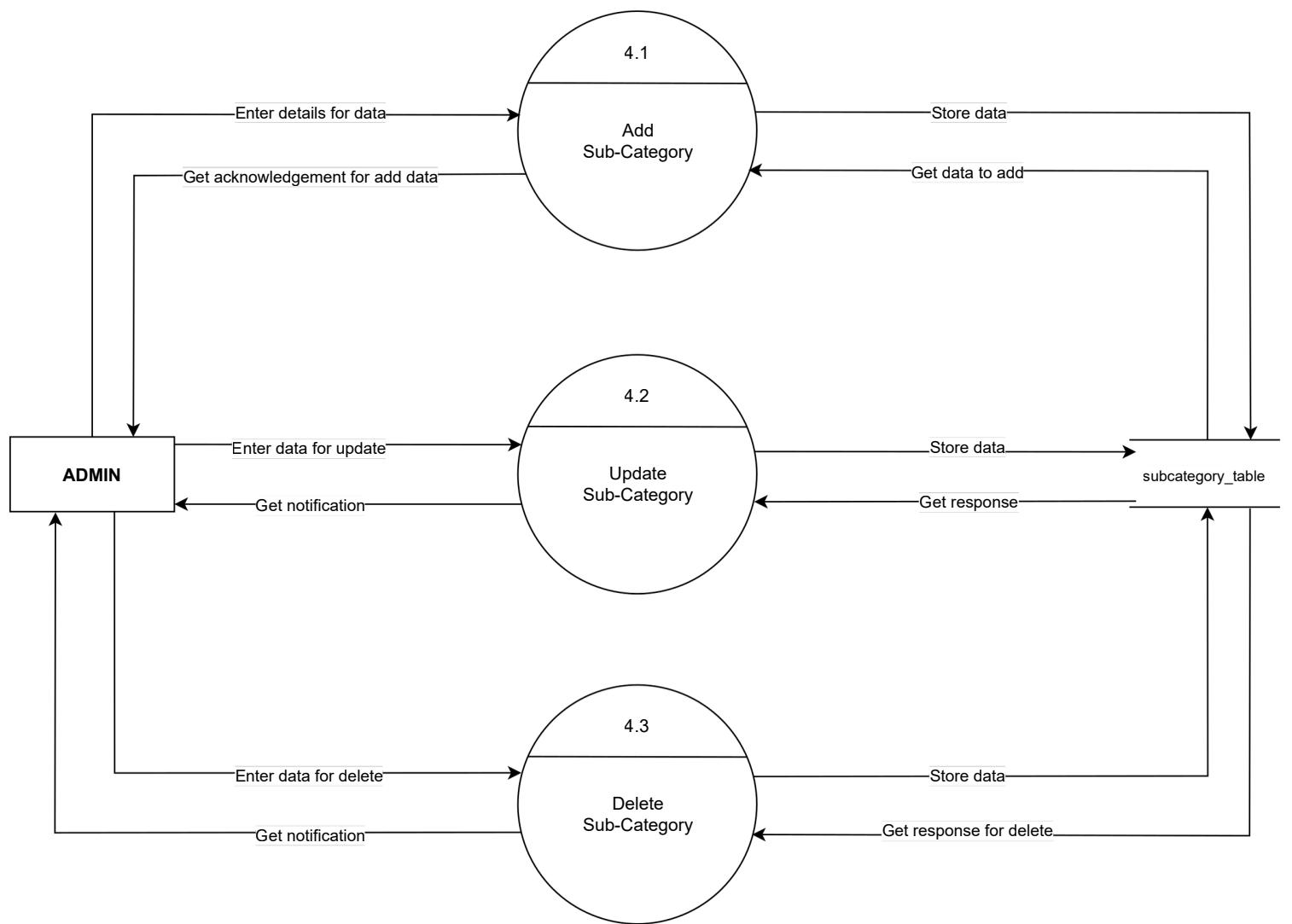
2ND LEVEL DFD FOR LOGIN



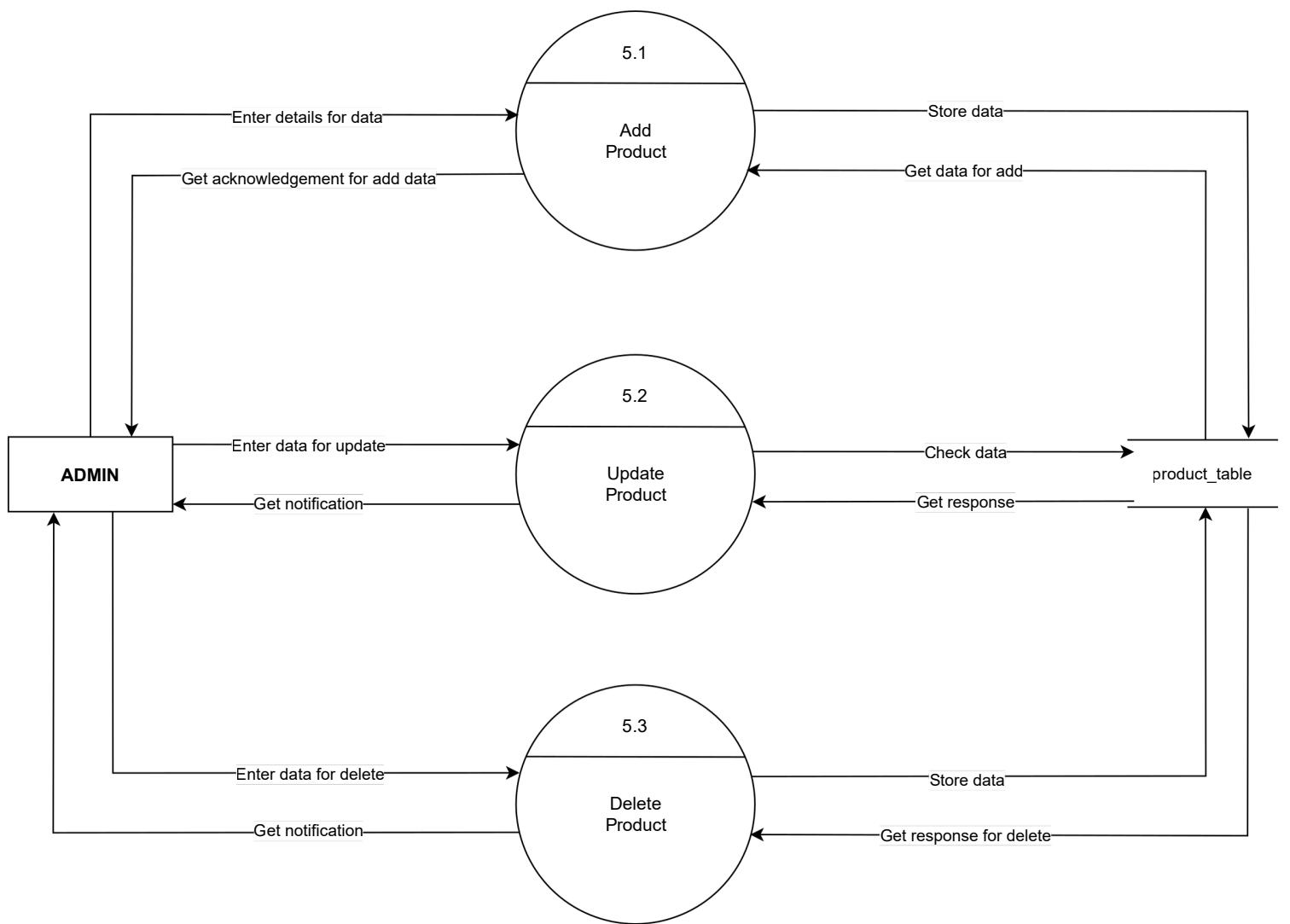
2ND LEVEL DFD FOR MANAGE CATEGORY



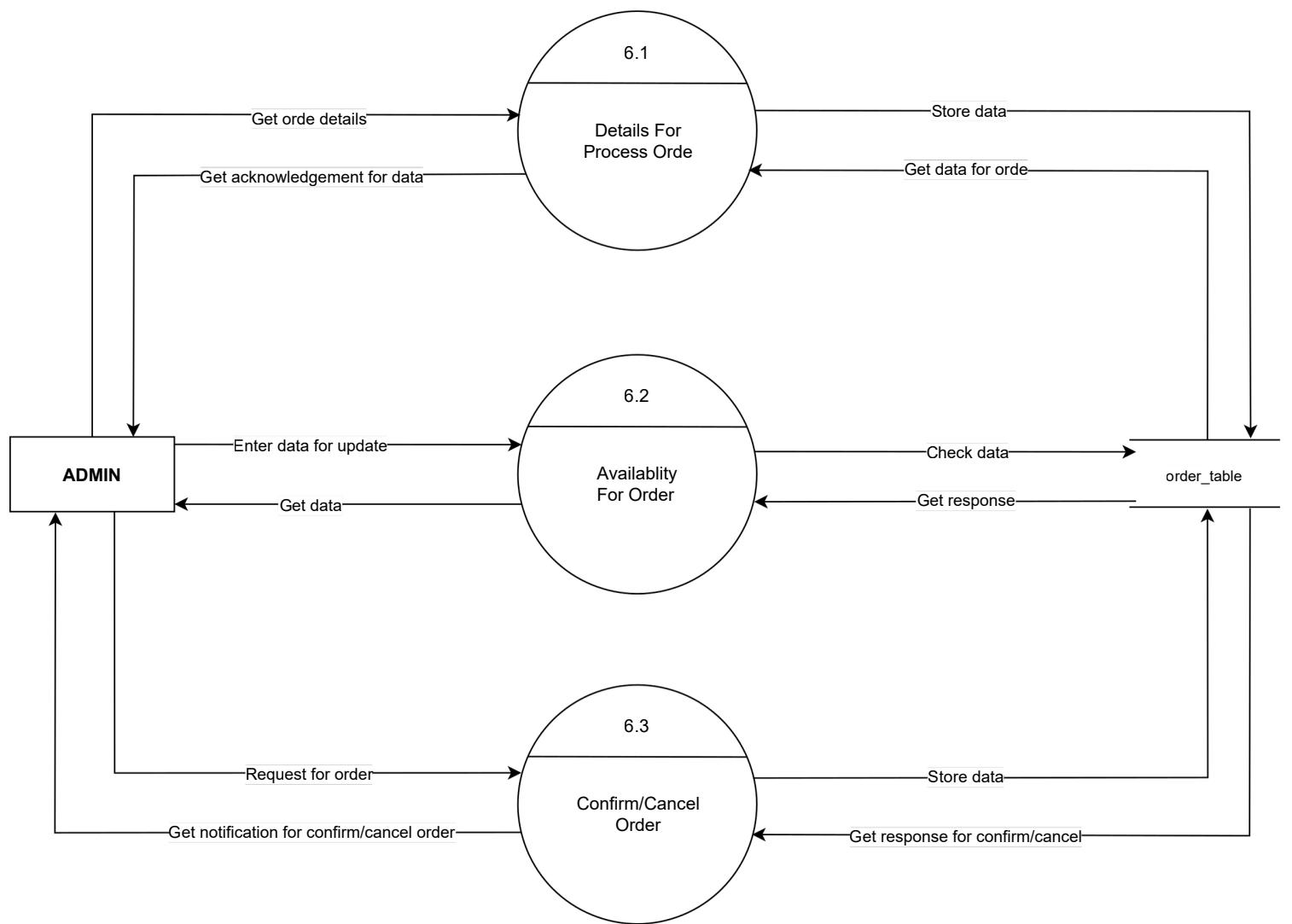
2ND LEVEL DFD FOR MANAGE SUB-CATEGORY



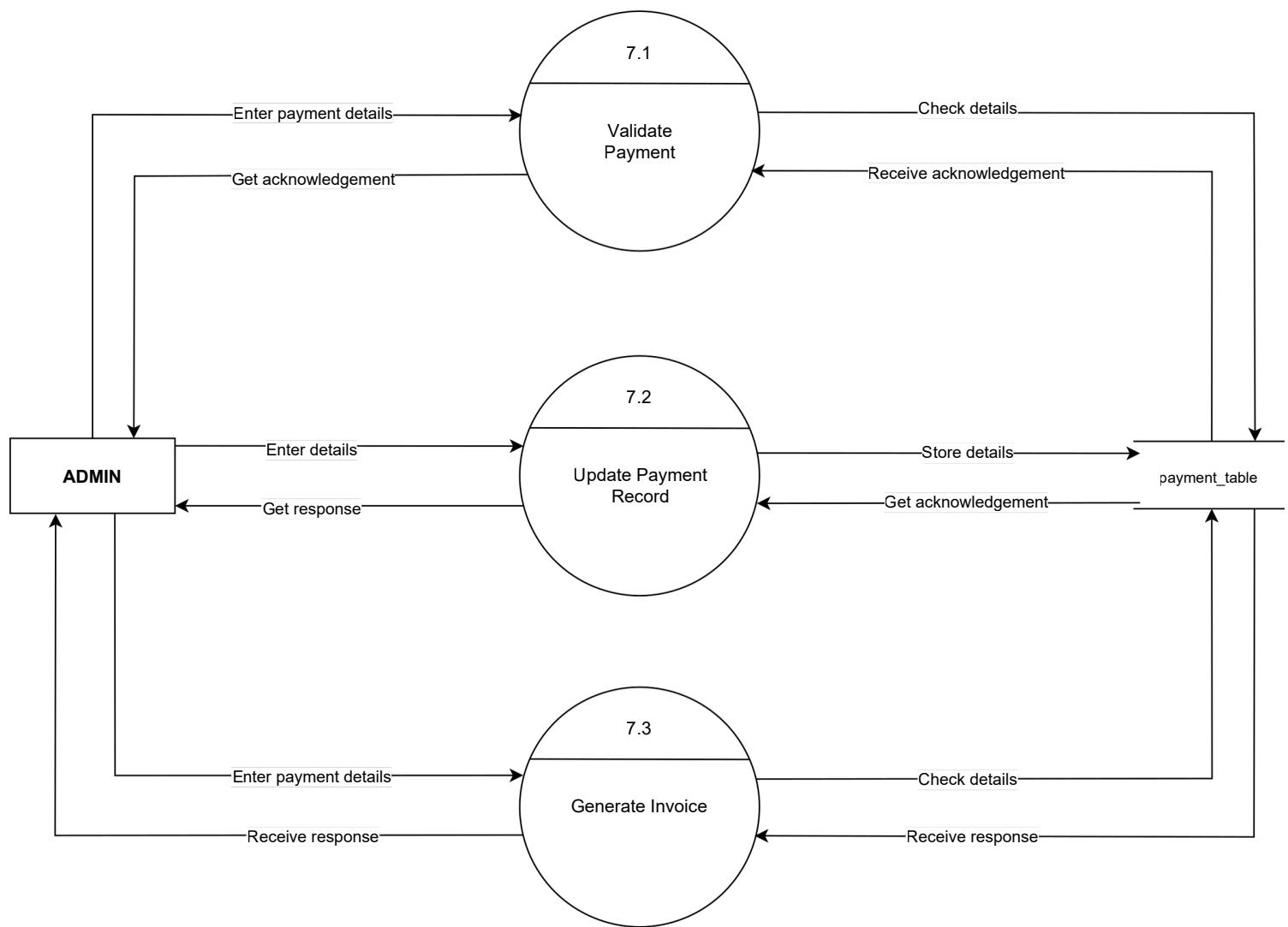
2ND LEVEL DFD FOR MANAGE SHOES



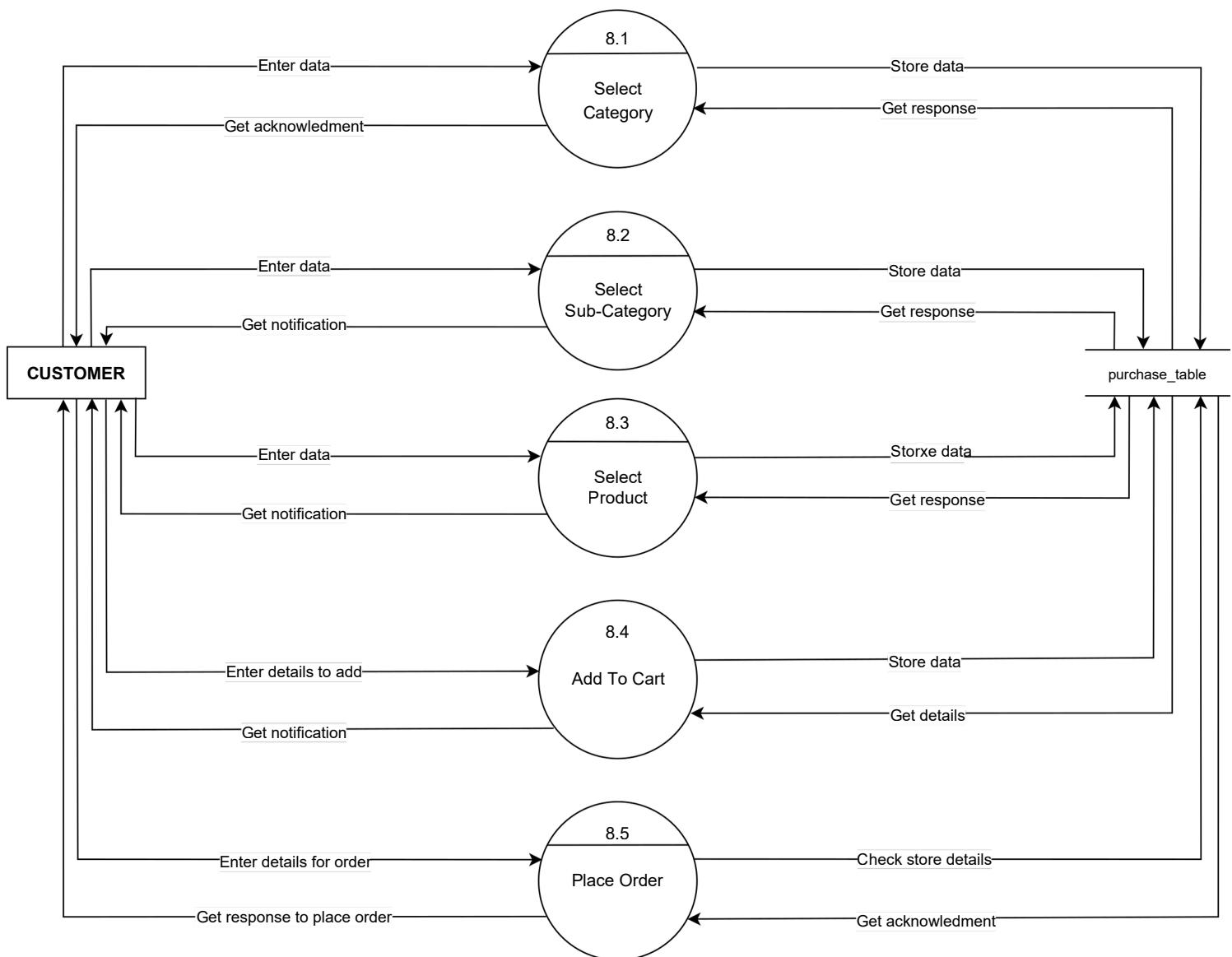
2ND LEVEL DFD FOR MANAGE ORDER



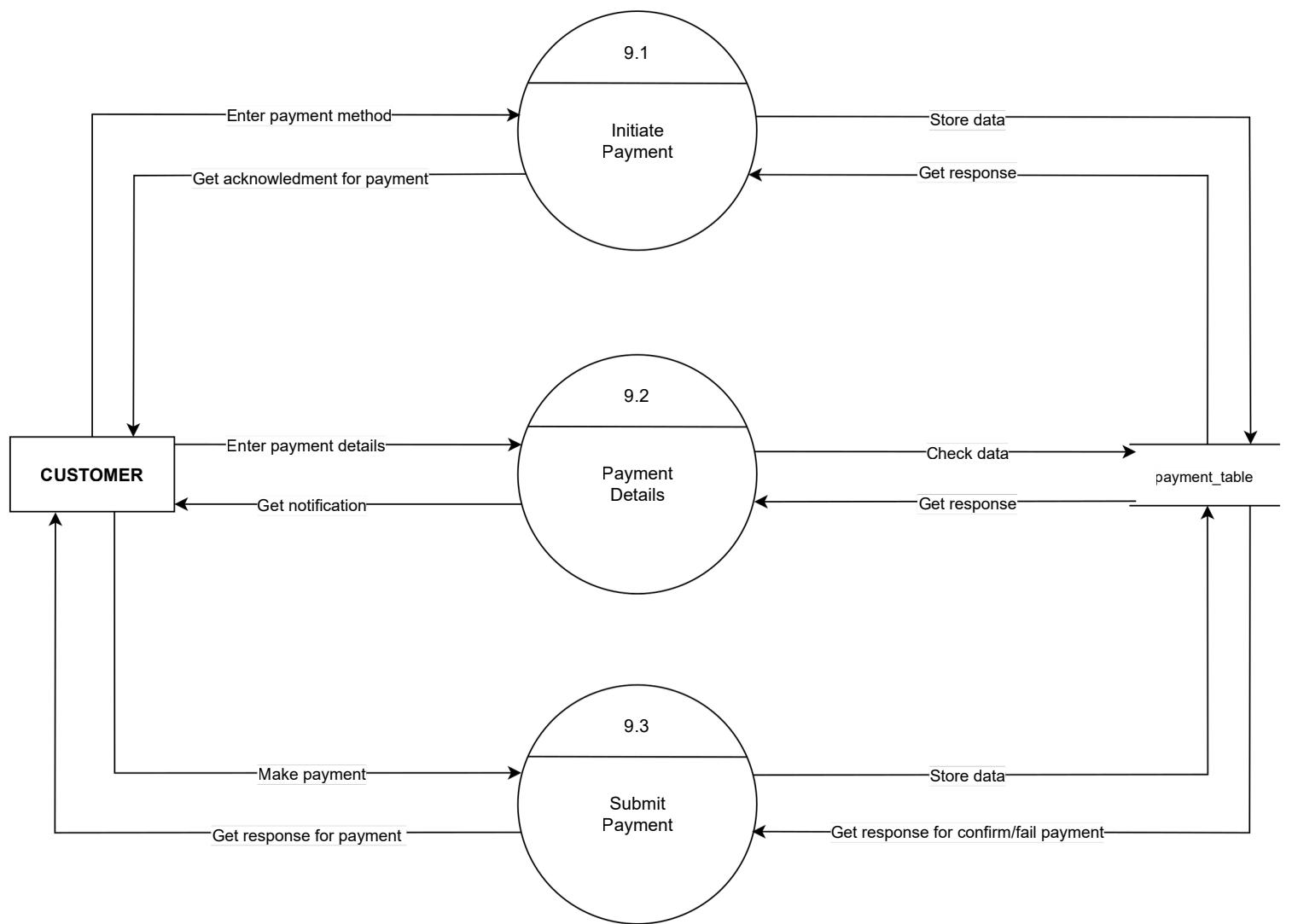
2ND LEVEL DFD FOR MANAGE PAYMENT



2ND LEVEL DFD FOR PURCHASE SHOES



2ND LEVEL DFD FOR MAKE PAYMENT



Data Dictionary

- A data dictionary metadata repository, as define in the IBM Dictionary of computing, is a "centralized repository of information about data such as meaning, relationship to other data, origin, usage and format"
- Oracle defines it as a collection of tables with metadata the term can have one of the several closely related meanings pertaining to databases and database management system.
- O A document describing a database collection of databases.
- An integral component of a DBMS that is required to determine its structure
- A piece of middleware that extends or supplants the native data dictionary of a DBMS.

Table Name:-Registration Tabl

Primary key:-registration_id

Description:-This table stores data of Registration

Foreign key:-Customer_Id, Admin_Id

Field	Data type	Constraint	Refrencekey	Description	Example
Registration_Id	INT(10)	Primary key	-	Registration Id	1001
Full_name	VARCHAR(30)	NOT NULL	-	Full Name	Sejal
Email	VARCHAR(30)	NOT NULL	-	Email Id	abc@gmail.com
Password	VARCHAR (10)	NOT NULL	-	Password	Unique password
Customer_fk_Id	INT(5)	Foregin key	C_fk_Id	Customer Id	2001
Admin_fk_Id	INT(5)	Foreginkey	A_fk_Id	Admin Id	1

Table Name:-Login Table

Primary key:-login_id

Description:-This table stores data of Login

Foreign key:-Role_id_fk

Field	Data type	Constraint	Refrencekey	Description	Example
Login_Id	INT(10)	Primary key	-	Login Id	201
Email	VARCHAR(30)	NOT NULL	-	Email Id	sai@gmail.com
Password	VARCHAR(10)	NOT NULL	-	Password	Unique password
Role_Id_fk	INT	Foreginkey	-	Role Id	2

Table Name:-Admin Table

Primary key:-admin_id

Description:-This table stores data of Admin

Foreign key:-None

Field	Data type	Constraint	Refrencekey	Description	Example
Admin_Id	INT(10)	Primary key	-	Admin Id	1
Admin_name	VARCHAR(30)	NOT NULL	-	Admin name	Saiyed Naimuddin
Email	VARCHAR(30)	NOT NULL	-	Email Id	aadil@gmail.com
Password	VARCHAR(10)	NOT NULL	-	Password	Unique password

Table Name:-Customer Table

Primary key:-customer_id

Description:-This table stores data of Customer

Foreign key:-None

Field	Data type	Constraint	Refrencekey	Description	Example
Customer_Id	INT(10)	Primary key	-	Customer Id	301
C_firstname	VARCHAR(30)	NOT NULL	-	Firstname of the customer	Sejal
C_lastname	VARCHAR(30)	NOT NULL	-	Lastname of the customer	Shah
C_phoneno	VARCHAR(12)	NOT NULL	-	Contact number of the customer	+911234567890
C_address	VARCHAR(50)	NOT NULL	-	Address of the customer	B 1 , newsoc, Ranip, Ahemedabad
C_email Id	VARCHAR(30)	NOT NULL	-	Email Id of the customer	abc@gmail.com
C_city Id	VARCHAR(15)	NOT NULL	-	City Id of the customer	1
C_dob	DATE	NOT NULL	-	Customer date of birth	12/12/12

Table Name:-VisitorTable

Primary key:-visitor_id

Description:-This table stores data of Visitor

Foreign key:-None

Field	Data type	Constraint	Refrencekey	Description	Example
Visito_Id	INT(10)	Primary key	-	Visitor Id	805
Ip_address	VARCHAR(50)	NOT NULL	-	IP address	191.0.1.143
Product_id_fk	INT(10)	NOT NULL	-	Product Id	405

Table Name:-RoleTable

Primary key:-role_id

Description:-This table stores data of Role

Foreign key:-Customer_Id_fk, Admin_Id_fk

Field	Data type	Constraint	Refrencekey	Description	Example
Role_Id	INT(10)	Primary key	-	Role Id	1005
Role_name	VARCHAR(30)	NOT NULL	-	Rolename	sai@gmail.com
Admin_Id_fk	INT	Foreginkey	Admin Id	Admin Id	1
Customer_Id_fk	INT	Foreginkey	Customer Id	Customer Id	301

Table Name:-Category Table

Primary key:-category_id

Description:-This table stores data of Category

Foreign key:-None

Field	Data type	Constraint	Refrencekey	Description	Example
Category_Id	INT(10)	Primary key	-	Category Id	1005
Category_name	VARCHAR(50)	NOT NULL	-	Category name	
Admin_Id_f	INT	Foreginkey	Admin Id	Admin Id	1

k

Table Name:-SubCategoryTable

Primary key:-Subcategory_id

Description:-This table stores data of Sub-Category

Foreign key:-Category_Id, Admin_Id_fk

Field	Data type	Constraint	Refrencekey	Description	Example
Subcategory_Id	INT(10)	Primary key	-	Subcategory Id	1011
Subcategory_name	VARCHAR(50)	NOT NULL	-	Subcategory name	
Admin_Id_fk	INT	Foreginkey	Admin Id	Admin Id	1
Customer_Id_fk	INT	Foreginkey	Customer Id	Customer Id	301

Table Name:-Product Table

Primary key:-Product_id

Description:-This table stores data of Product

Foreign key:-SubCategory_Id, Admin_Id_fk

Field	Data type	Constraint	Refrencekey	Description	Example
Product_Id	INT(10)	Primary key	-	Product Id	1012
Product_name	VARCHAR(50)	NOT NULL	-	Product Name	
Price	DECIMAL(10,000)	NOT NULL	-	Product price	999
Stock_quantity	INT(5)	NOT NULL	-	Quantityof stock	234
SubCustomer_id_fk	INT(5)	Foregin key	SC_fk_Id	SubCustomer Id	1011
Admin_id_fk	INT(5)	Foreginkey	A_fk_Id	Admin Id	1

Table Name:-Cart table

Primary key:-Cart_id

Description:-This table stores data of Cart

Foreign key:-Customer_Id_fk

Field	Data type	Constraint	Refrencekey	Description	Example
Cart_Id	INT(10)	Primary key	-	Cart Id	1555
Customer_id_fk	INT	Foregin key	Customer_id	Customer Id	301

Table Name:-Cart Item Table

Primary key:-Cart_Item_id

Description:-This table stores data of Cart Item

Foreign key:-Cart_id_fk

Field	Data type	Constraint	Refrencekey	Description	Example
Cart_Item_id	INT	Primary key	-	Cart Item Name	1012
Price	DECIMAL(10,0)	NOT NULL	-	Product price	999
Quantity	INT	NOT NULL	-	Quantityof stock	10
Product_id_fk	INT	NOT NULL	-	Product Id	1012
Total_price	DECIMAL(10,0)	NOT NULL	-	Total price	2099
Cart_id_fk	INT	Foreginkey	Cart_id_fk	Cart Id	1555

Table Name:-Order Table

Primary key:-Order_id

Description:-This table stores data of Order

Foreign key:-Customer_Id_fk

Field	Data type	Constraint	Refrencekey	Description	Example
Order_Id	INT(10)	Primary key	-	Order Id	1011
Order_date	DATE	DATE	-	Order Date	12-05-2023
Status	ENUM (delivered,not delivered)	-	-	Order Status	Delivered
Customer_Id_fk	INT	Foreginkey	Customer Id	Customer Id	301

Table Name:-Order Cancel table

Primary key:-Order_cancel_id

Description:-This table stores data of Order Cancel

Foreign key:-order_Id_fk

Field	Data type	Constraint	Refrencekey	Description	Example
Order_cancel_id	INT(10)	Primary key	-	Order Cancel ID	1705
Reason	VARCHAR(50)	NOT NULL	-	Cancel Reason	Got Better Deal
Cancelled_at	DATE	NOT NULL	-	Cancelled Date	13/05/2024
Order_id_fk	INT	FOREIGN KEY	Order_id	Order ID	1605

Table Name:-Payment table

Primary key:-payment_id

Description:-This table stores data of Payment

Foreign key:-order_Id_fk,payment_type_fk,admin_id_fk

Field	Data type	Constraint	Refrence key	Description	Example
Payment_id	INT(10)	Primary key	-	Payment ID	1805
Amount	DECIMAL(100)	NOT NULL	-	Amount	566
Payment_date	DATE	NOT NULL	-	Payment Date	12/05/2023
Status	ENUM('done','pending')	NOT NULL	-	Payment Status	done
Order_id_fk	INT(5)	Foregin key	Order_id	Order ID	1605
Payment_type_id_fk	INT(5)	Foreginkey	Payment_type	Payment Type ID	1905
Admin_id_fk	INT(5)	Foreignkey	Admin_id	Admin ID	2

Table Name:-Payment type table

Primary key:-payment_type_id

Description:-This table stores data of Payment

Foreign key:-order_Id_fk,payment_type_fk,admin_id_fk

Field	Data type	Constraint	Refrencekey	Description	Example
Payment_type_id	INT(10)	Primary key	-	Payment type ID	1905
Payment_type_name	VARCHAR(50)	NOT NULL	-	Payment Type Name	Credit Card

Table Name:-Feedback table

Primary key:-feedback_id

Description:-This table stores data of feedback

Foreign key:-customer_id_fk,product_id_fk

Field	Data type	Constraint	Refrence key	Description	Example
Feedback	INT	PRIMARY KEY	-	Feedback ID	2005
Rating	INT	NOT NULL	-	Rating	4
Comment	TEXT	-	-	Comment	-
Customer_id_fk	INT	FOREIGN KEY	Customer_id	Customer ID	705
Product_id_fk	INT	FOREIGN KEY	Product_id	Product ID	1305

Table Name:-Discount table

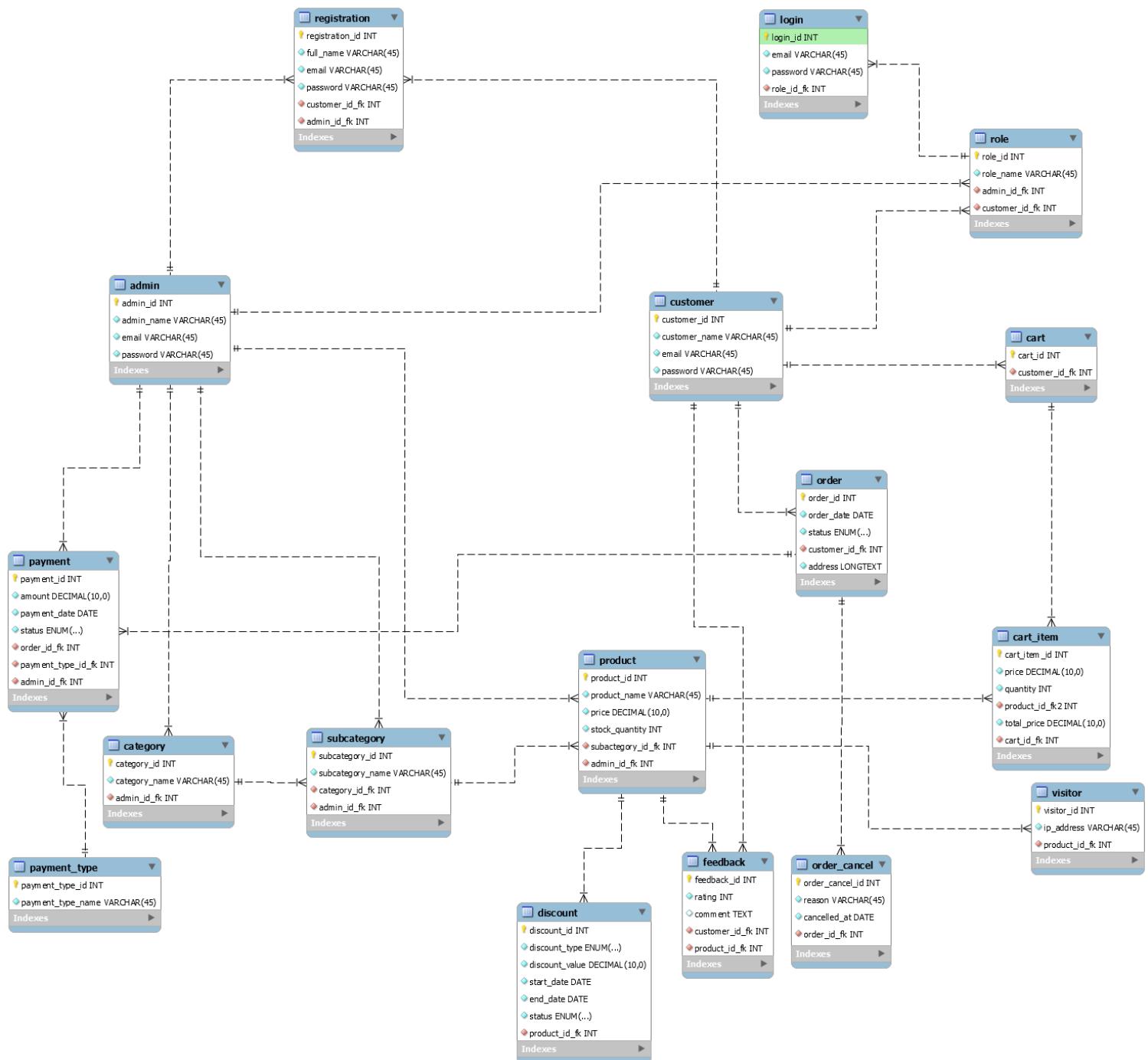
Primary key:-Discount_id

Description:-This table stores data of Discount

Foreign key:-Product_id_fk

Field	Data type	Constraint	Refrence key	Description	Example
Discount_id	INT(10)	Primary key	-	DiscountID	2105
Discount_type	ENUM('fixe'per centaged',')	NOT NULL	-	Discount Type	30% Discount
Discount_value	DECIMAL(10 ,0)	NOT NULL	-	Discount value	-
Start_date	DATE	NOT NULL	-	Start Date	-
End_date	DATE	NOTNULL	-	End Date	-
Status	ENUM('active', 'inactive ')	NOTNULL	-	Active	-
Product_id_fk	INT(5)	FOREIGN KEY	Product ID	Product ID	-

ER Diagram



Conclusion

- The processing of the Cona shoes store has been developed by me and my two partners through applying the knowledge gained in classroom and from external sources like the Internet.
- We would like to thank professors, Organization, staff and all others that extended all their support and helped me to complete stage 1 of this project successfully.
- Any work may not be always perfect. There may be some errors or some defects in the work. We have taken enough care to make the project user friendly and more interactive.
- We have tried our best to make the service useful and to provide maximum facility, but we never claim.

Bibliography

- **Reference Book:-** System Analysis and Design Ninth Edition By B.Gary Shelly, Harry J.Rosenbaltt
- **Online Links**
 - **Apna College**
 - **course:-**
 - 1.<https://youtu.be/HcOc7P5BMi4?si=i9rdT6qmZVa3-ORI>
 - 2:-<https://youtu.be/ESnrm1kAD4Esi=lT3RINTYlD8yQHvS>
 - **JavaScript:**https://youtube.com/playlistlist=PLGjplNEQ1it_oTv uLRNqXfz_v_0pq6unW&si=g5A_ObeK0z4Q1-Q7
- **Search Reference:-** <https://google.com>

Thank You!