Lunch Launcher

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Project Header

Online Food Ordering System for local restaurants

DESCRIPTION

- The Online Food Ordering System is a local food and cooperative website. It provides convenience to the customers and overcomes disadvantages of the traditional queuing systems.
- It gives restaurants the ability to increase their sales and expand their business.
- With Online Food Ordering system, we can setup restaurant menu online and customers can also track their orders with few simple steps.

REQUIREMENT ANALYSIS

- In some of the existing systems, Users must have a physical menu to order their food over a telephonic communication, this can often result into misunderstanding due to unclear communication through telephones.
- What we have come up with is, an online ordering system which can be implemented anywhere with lower amount of capital costs. This system can be a proven solution for smaller cafes which do not have the ability or resources to come up with a personalized software.

FUNCTIONALITY

- The Main advantage of our system is that it greatly simplifies the ordering process for both customers as well as the restaurants.
- When the customer Logs-in, the system autmatically shows recommendations based on their previous orders or likings they have choosed at the time of registering with the website.
- The customer can select any product and it will be added to his/her cart and pricings will be shown as soon as they are ready to place order.

- The System decreases load on the restaurant , as the process is entirely automated.
- Once an ‘Order’ is placed on the webpage, it is stored in the database and retrieved and then sent onto the desktop application at the restaurant's side in real-time.
- Although there are systems available in the market, they are not dynamic and are designed for specific restaurants and specific geo-locations. This newly proposed system is free from all such barriers and it is dynamic as it can be modified as and when it is required

TYPES OF USERS

- Admin
- Vendors/ Restaurants
- Customers

ADMIN FEATURES

- Login
- Manage Vendors/Restaurants
- Manage Vendor's Products/Foods
- Manage Customer
- Manage Food Order Details
- Manage Payment Details

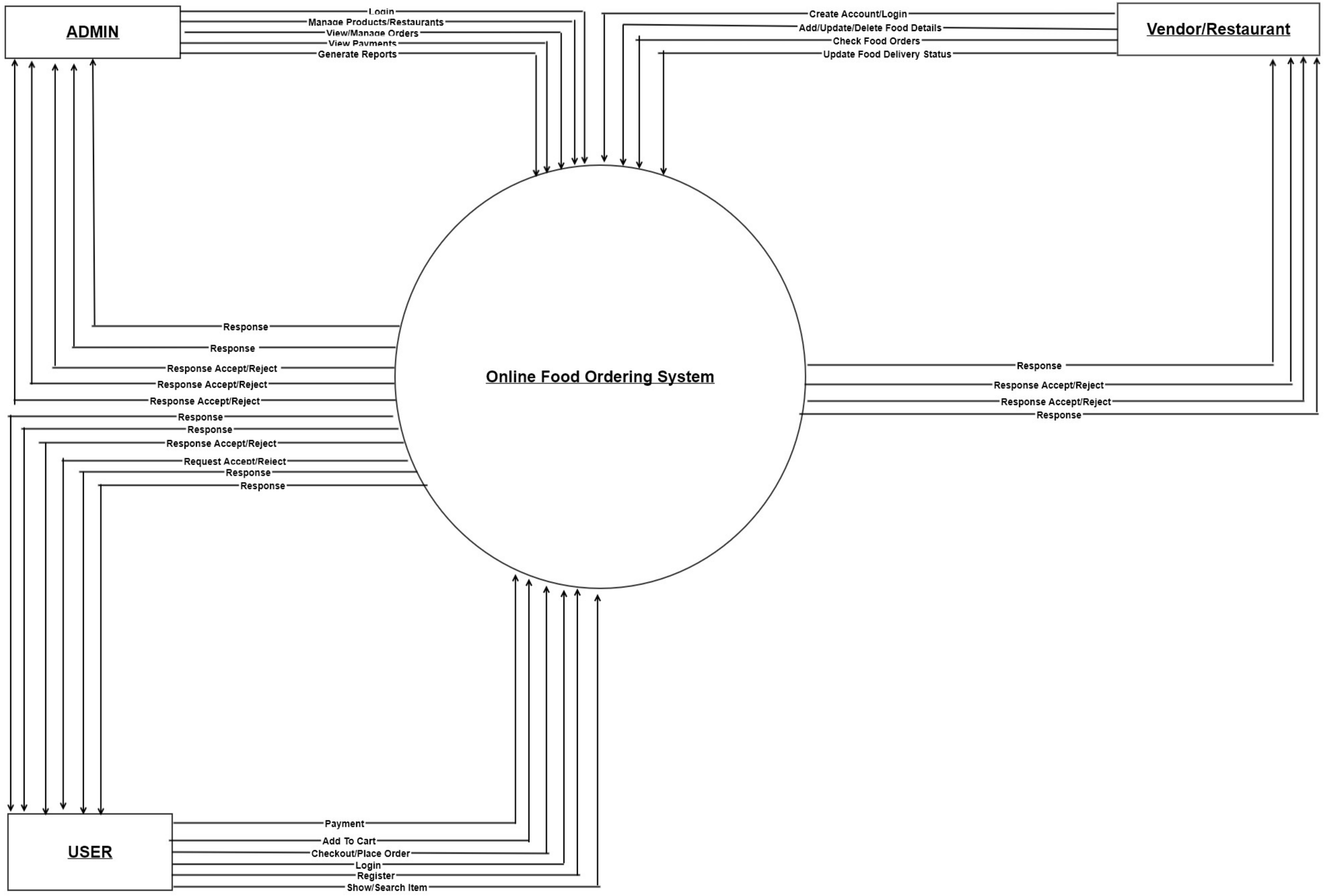
VENDOR/RESTAURANT FEATURES

- Create Account
- Login
- Add Food Details
- Update Food Details
- Delete Food
- Check Food Orders
- Update Food Delivery Status

CUSTOMER FEATURES

- View Food Details
- Register/Create Account
- Login
- Add to Cart
- Update Cart
- Checkout
- Select Payment Option
- Check Food Delivery Status

CONTEXT LEVEL / 0 LEVEL DFD


ADMIN
Login
Manage Products/Restaurants
View/Manage Orders
View Payments
Generate Reports
Vendor/Restaurant
Create Account/Login
Add/Update/Delete Food Details
Check Food Orders
Update Food Delivery Status
Online Food Ordering System
Response
Response
Response Accept/Reject
Response Accept/Reject
Response Accept/Reject
Response
Response
Response Accept/Reject
Request Accept/Reject
Response
Response
Response
Response Accept/Reject
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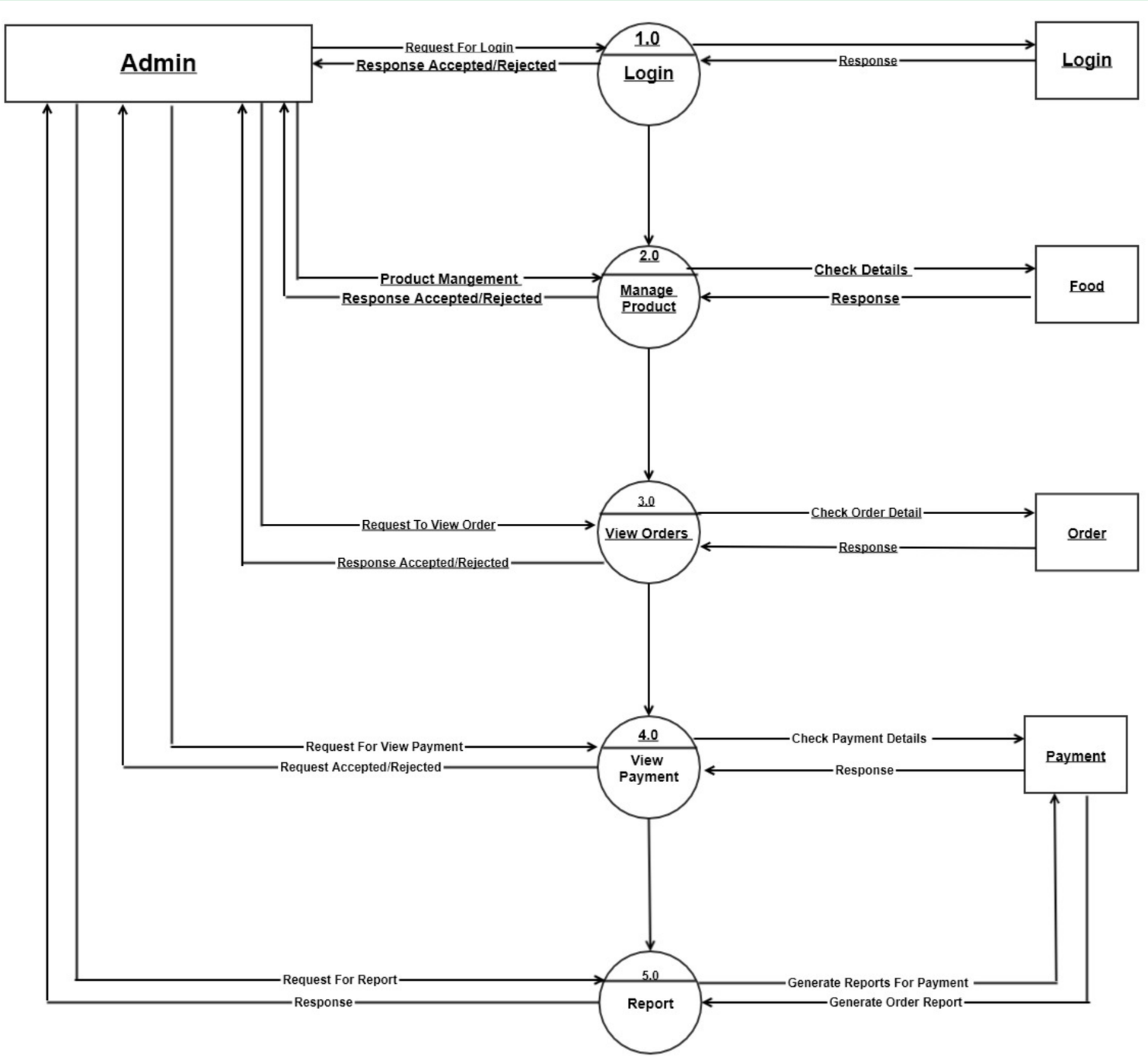
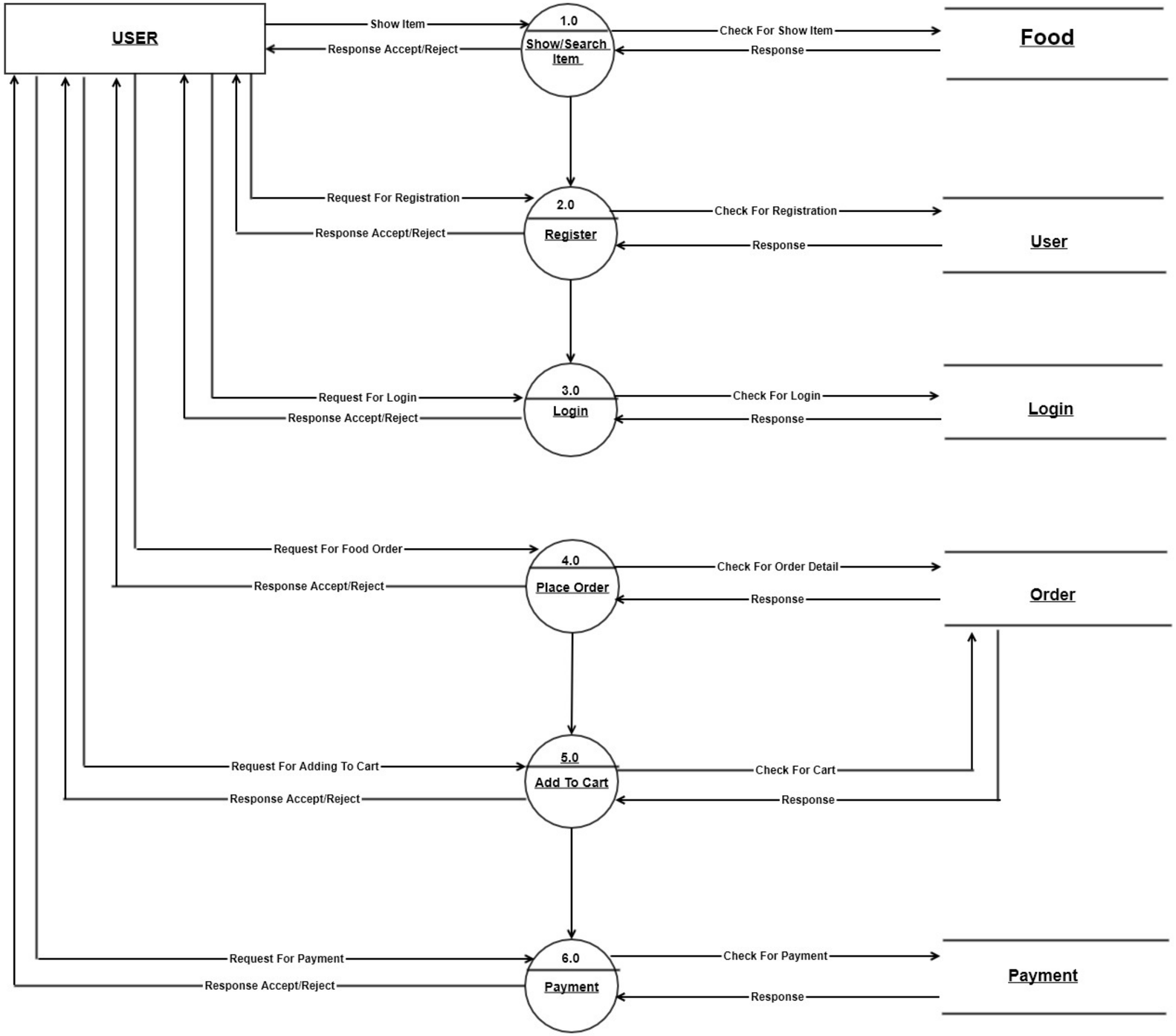
Response
USER
Payment
Add To Cart
Checkout/Place Order
Login
Register
Show/Search Item

1ST LEVEL DFD



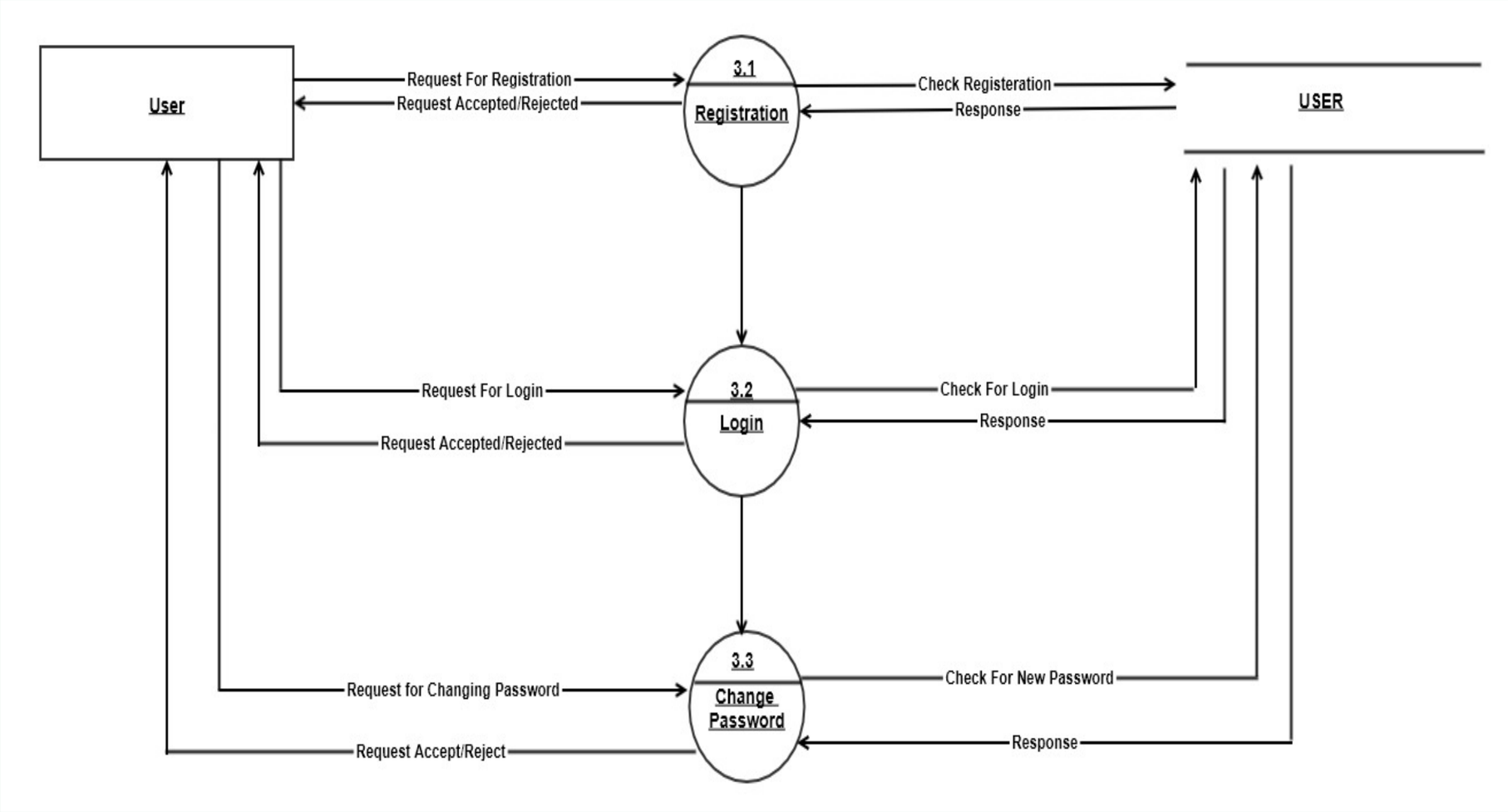
Admin Side

1ST LEVEL DFD



USER SIDE

2ND LEVEL DFD
USER SIDE



DATA DICTIONARY

User

Field Name	Data Type	Size	Constraint	Description
U_ID	Integer	10	Primary Key	User ID
U_Name	Character	25	NotNull	User Name
U_MobileNo	Character	10	NotNull	User Mobile Number
U_Email	Character	25	Unique	User Email ID
DOB	Date	--	NotNull	User Date Of Birth
U_Address	Character	100	NotNull	User Address

DATA DICTIONARY

Food

Field Name	DataType	Size	Constraint	Description
F_Item	Integer	10	Primary Key	Food Item Number
F_Name	VarChar	25	NotNull	Food Item Name
F_Price	Integer	5	Not Null	Food Item Price
F_Category	Integer	3	Foreign Key	Food Item Category

DATA DICTIONARY

Order

Field Name	DataType	Size	Constraint	Description
O_ID	Integer	10	Primary Key	Order ID
O_Customer	Integer	10	Foreign Key	Customer Number
O_Status _ID	Character	10	NotNull	Order Status
O_Date	Date	--	NotNull	Order Date
O_Type	Integer	10	NotNull	Order Type
O_Pyt_ID	Integer	10	NotNull	Order Payment ID

DATA DICTIONARY

Login

Field Name	DataType	Size	Constraint	Description
L_ID	Character	25	Unique	Login ID
L_PWD	Character	8	NotNull	Login Password

DATA DICTIONARY

Payments

Field Name	Data Type	Size	Constraint	Description
P_ID	Integer	10	Primary Key	Payment ID
U_ID	Integer	10	Foreign Key	User ID
O_ID	Integer	10	Foreign Key	Order ID
P_Date	Date	--	Not Null	Payment Date
P_Mode	Integer	5	Not Null	Payment Mode

DATA DICTIONARY

Restaurants

Field Name	DataType	Size	Constraints	Description
R_ID	Integer	10	Primary Key	Restaurant ID
R_Name	Character	10	Not Null	Restaurant Name
R_Address	Character	100	Not Null	Restaurant Address
R_Ratings	Integer	5	Not Null	Restaurant Ratings
R_Contact	Character	10	Not Null	Restaurant Contact Number

DATA DICTIONARY

Employee

Field Name	Data Type	Size	Constraint	Description
E_ID	Integer	10	Primary Key	Employee ID
E_Name	Character	15	NotNull	Employee Name
E_Address	Character	100	Not Null	Employee Address
E_City	Character	10	Not Null	Employee City
E_MobileNo	Character	10	Not Null	Employee Mobile Number

DATA DICTIONARY

Category

Field Name	Data Type	Size	Constraint	Description
C_ID	Character	10	Primary Key	Category ID
C_Name	Character	25	Not Null	Category Name

THANK YOU !

BY

18BCA086--Sourav Agrawal

18BCA088--Sahil Mansuri

18BCA098--Kaushik Jain

18BCA132--Divyansh Jain

18BCA141--Mandeep Jain