Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID15311
Project Name	Project – DemandEst - AI Powered Food Demand Forecaster
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
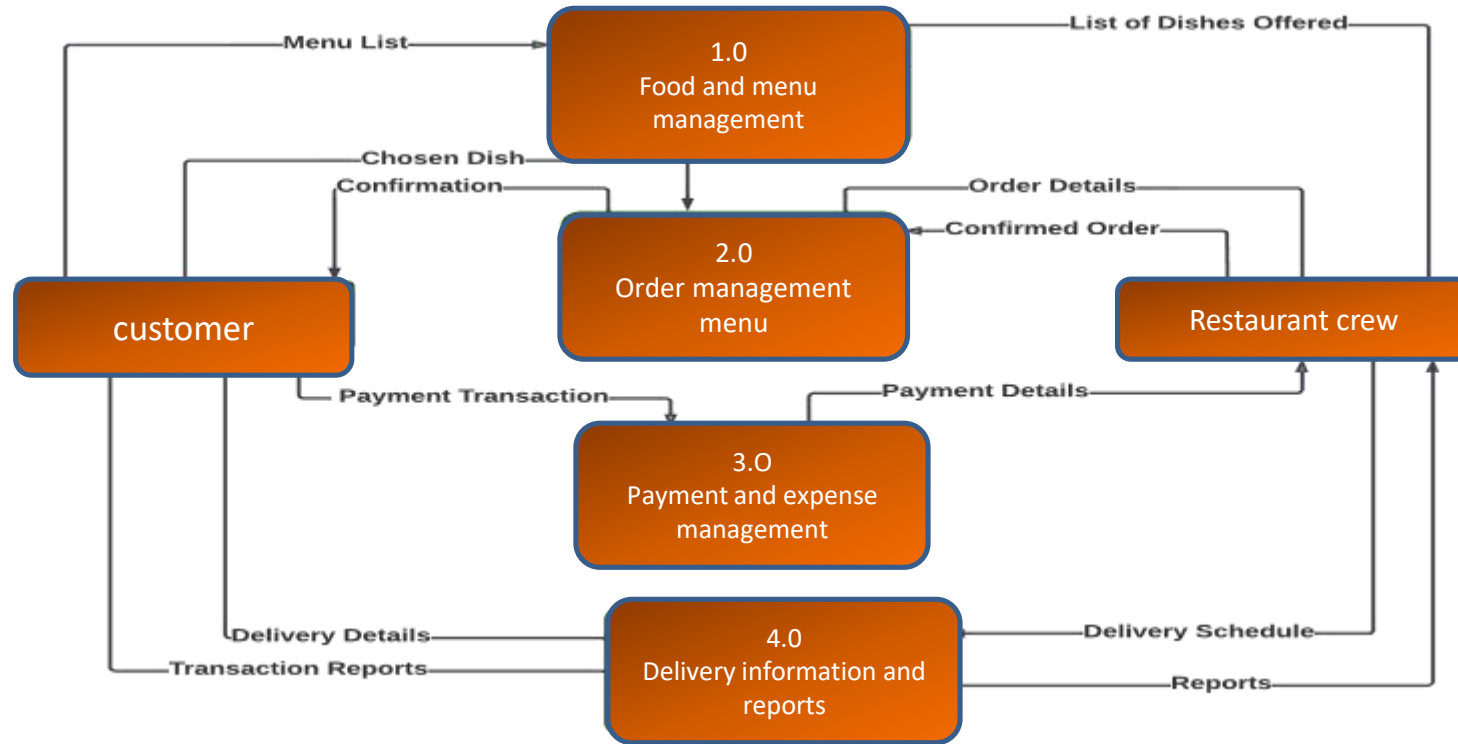
DATA FLOW DIAGRAM –LEVEL 1
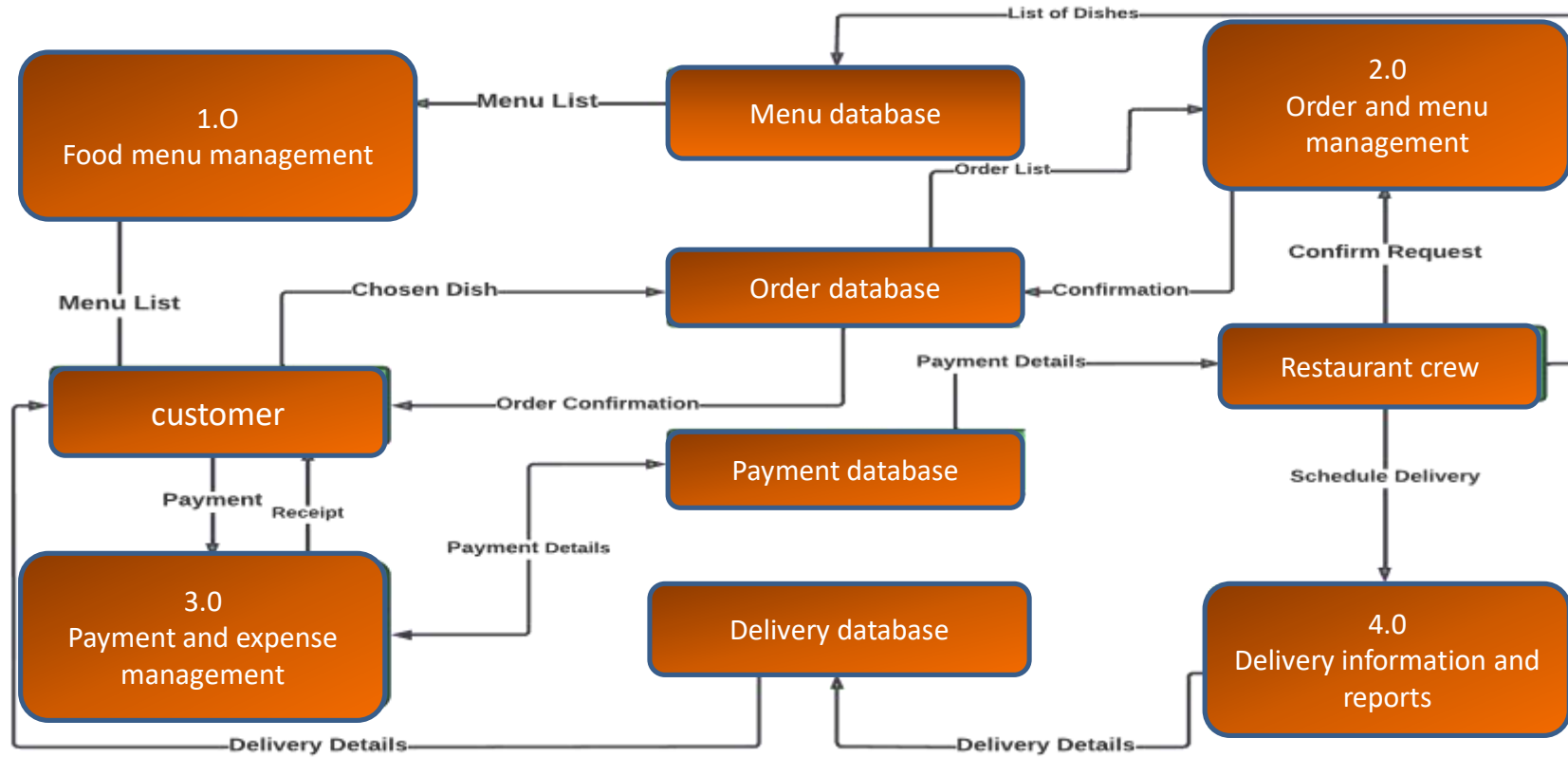
DATA FLOW DIAGRAM –LEVEL 2

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
Business staff	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
Tourist People	Accessibility	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
College Students	Customer access through mail.	USN-4	As a user, I can register for the application through Gmail	I can confirm the order and get the OTP through email	Medium	Sprint-1
Customer (websites)	Login	USN-5	As a user, I can log into the application by entering email & password	I can log into the application to check either precise location or approximate location.	Medium	Sprint-2
	Dashboard	USN-6	Choosing the menu, Restaurant and payment process. after receiving the food rating process.	Hazard analysis and critical control point system.	Low	Sprint-1
Customer (Web user)	Customers Orders	USN-7	Delivery partner simply tracks the order and lets the customer know when it will arrive.	Tracking through GPS makes sure whether the given time slot is achieved.	Medium	Sprint-2
Customer Care Executive	Customer order delivery	USN-8	Doorstep delivery. easy process to get the order.	Rating on delivery partner and food quality.	Medium	Sprint-2
Administrator	Hotel management, website holders	USN-9	Choosing the restaurant. Multiple choice for restaurant profile.	Advertising through websites.	Low	Sprint-1

User Stories For DemandEst

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Consumer (Mobile user)	Registration	USN-1	Users can register for the application by entering my user email ID, password, and confirming my password.	User can access his/her account / dashboard	High	Sprint-1
		USN-2	Users will receive confirmation email once he/she have registered for the application	Users can receive confirmation email & click confirm	High	Sprint-1
		USN-3	Users can register for the application through Facebook	Users can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	Users can register for the application through Gmail	Users can register & access the dashboard through Gmail Login	Medium	Sprint-1
	Login	USN-5	Users can log into the application by entering email ID & password	Users can login to the application by entering their respective email & password.	High	Sprint-1
	Dashboard	USN-6	Users can access all the services provided in the dashboard.	Users can predict the orders for next 10 weeks and estimate the raw materials for the same.	High	Sprint-1
Consumer (Web user)	Login & Dashboard	USN-8	Users can login through web application and access the resources in the dashboard.	Users can login with the credentials required and I can access the services	High	Sprint-1
User Type	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Acceptance criteria**	**Priority**	**Release**
				provided through a web application.		
Customer Care Executive	Support	USN-9	Users can get support from the help desk and can get my queries cleared.	I can get guidance and any support to use the application.	High	Sprint-2

Administrator	Management	USN-10	admin can maintain the application.	I can perform maintenance of the app even after the release.	Medium	Sprint-1
		USN-11	admin can update the new datasets to the model and train them.	I can periodically update the datasets.	High	Sprint-1
		USN-12	admin can update the features of the app and upgrade it to better versions .	I can perform upgrading of features and versions.	Medium	Sprint-1
		USN-13	admin can maintain all the user details stored and the user's history.	I can maintain the application user's records.	High	Sprint-1