Requirement Gathering and Analysis Phase
Data Flow Diagram & User Stories
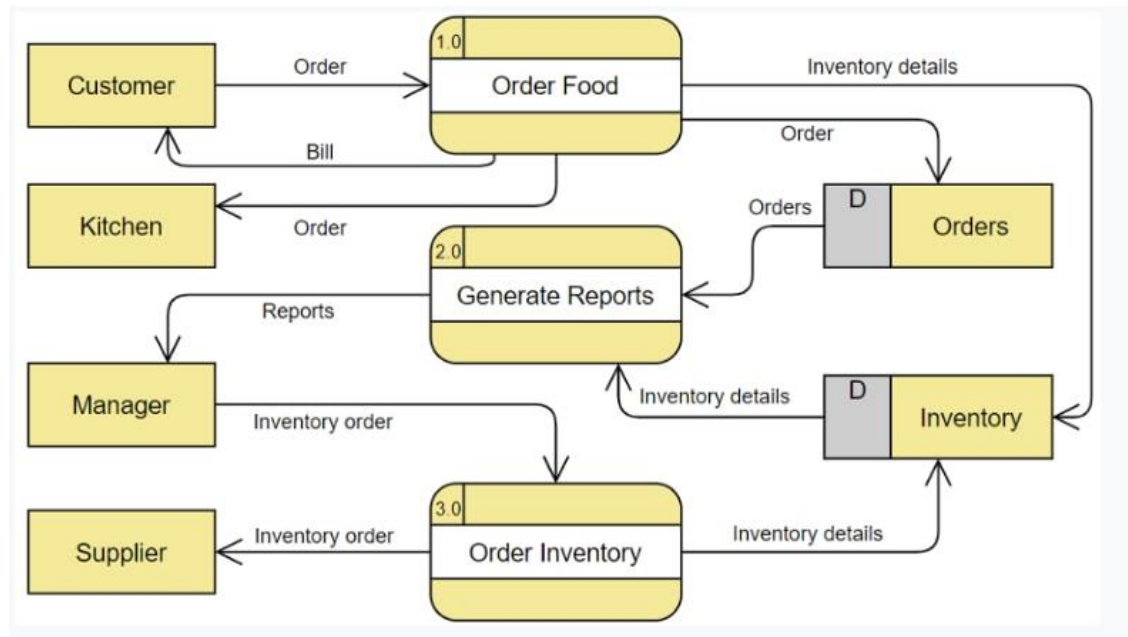
Date	3 July 2024
Team ID	SWTID1720171853
Project Name	Project - Food Ordering System
Maximum Marks	

Data Flow Diagrams:

Level 0: Context Diagram
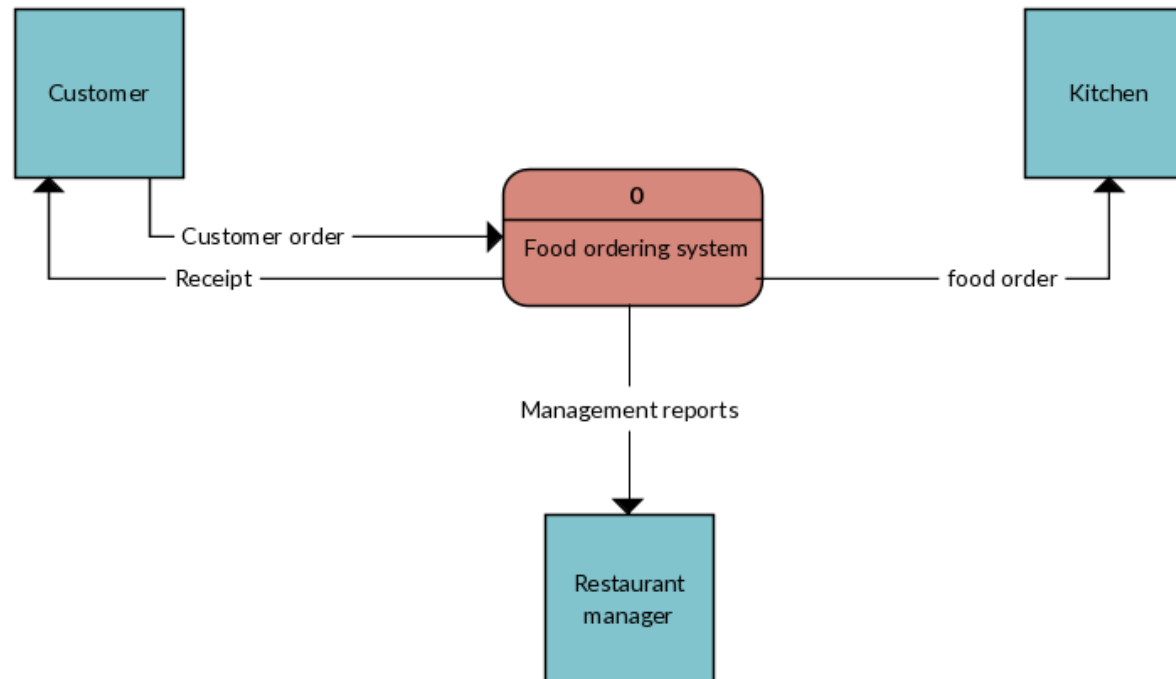
Level 1: DFD

User Storie

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	User Registration	US-1.1	As a Customer, I Can Register through Form so that I can receives a confirmation message upon successful registration	- User can access the registration form- User can fill in required fields (name, email, password)- User receives a confirmation message upon successful registration	High	R1
Customer	User Registration	US-1.2	As a Customer, I Can Register Gmail so that I can receives a confirmation message upon successful registration	- User can select "Register with Gmail"- User is redirected to Gmail login- User allows access and is successfully registered	High	R1
Customer	User Confirmation	US-2.1	As a Customer, I Can Receive Confirmation via Email so that I can click the confirmation link	- User receives a confirmation email- User can click the confirmation link- User's account is successfully activated	High	R1
Customer	User Confirmation	US-2.2	As a Customer, I Can Receive Confirmation via OTP so that enters the OTP on the confirmation page	- User receives an OTP via SMS or email- User enters the OTP on the confirmation page- User's account is successfully activated	High	R1
Customer	User Login	US-3.1	As a Customer, I Can Login through Form so that I can enter email/username and password and to successfully logged in	- User can access the login form- User can enter email/username and password- User is successfully logged in	High	R1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	User Login	US-3.2	As a Customer, I Can Login through Gmail so that I can redirected to Gmail login that allows access and is successfully logged in	- User can select "Login with Gmail"- User is redirected to Gmail login- User allows access and is successfully logged in	High	R1
Customer	User Profile Management	US-4.1	As a Customer, I Can View Profile so that I see accurate and complete profile details	- User can view their profile information- User sees accurate and complete profile details (name, email, order history)	High	R1
Customer	User Profile Management	US-4.2	As a Customer, I Can Edit Profile so that I can update information	- User can access the edit profile form- User can update information (name, address, phone number)- Changes are saved and displayed correctly	High	R1
Customer	Menu Browsing	US-5.1	As a Customer, I Can View Menu Categories so that I can view a list of menu categories displayed accurately with correct names and images	- User can view a list of menu categories- Categories are displayed accurately with correct names and images	High	R1
Customer	Menu Browsing	US-5.2	As a Customer, I Can View Items by Category so that I can see a list of items under the selected category with details like price and description	- User can select a category- User sees a list of items under the selected category with details like price and description	High	R1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Order Placement	US-6.1	As a Customer, I Can Add Items to Cart so that I see Cart updates reflect the correct items and total cost	- User can add items to the cart- Cart updates reflect the correct items and total cost	High	R1
Customer	Order Placement	US-6.2	As a Customer, I Can Checkout so that I see receives an order confirmation upon successful payment	- User can proceed to checkout- User can provide delivery information and select a payment method- User receives an order confirmation upon successful payment	High	R1
Customer	Payment Processing	US-7.1	As a Customer, I Can make Payment via Credit/Debit Card so that I can receive a confirmation of successful payment	- User can select credit/debit card payment- User can enter card details- Payment is processed securely- User receives a confirmation of successful payment	High	R1
Customer	Order Tracking	US-8.1	As a Customer, I Can View Order Status so that I can see Status updates are displayed accurately	- User can view the status of their order- Status updates are displayed accurately (e.g., processing, out for delivery)	High	R1
Customer	Order Tracking	US-8.2	As a Customer, I Can Track Order in Real-time so that I can see The map shows accurate delivery location and estimated arrival time	- User can track the delivery in real-time using a map interface- The map shows accurate delivery location and estimated arrival time	Medium	R2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Admin	Admin Management	US-9.1	As an Admin, I can Manage Users so that I can add, edit, and remove users	Admin can add, edit, and remove users	High	R1
Admin	Admin Management	US-9.2	As an Admin, I can Manage Menu Items so that I can add, edit, and remove menu items	Admin can add, edit, and remove menu items	High	R1
Delivery Personnel	Order Tracking	US-8.3	As a Delivery Personnel, I can Update Order Status so that I can update the status of the delivery	Delivery person can update the status of the delivery	High	R1