

Project Design Phase-II

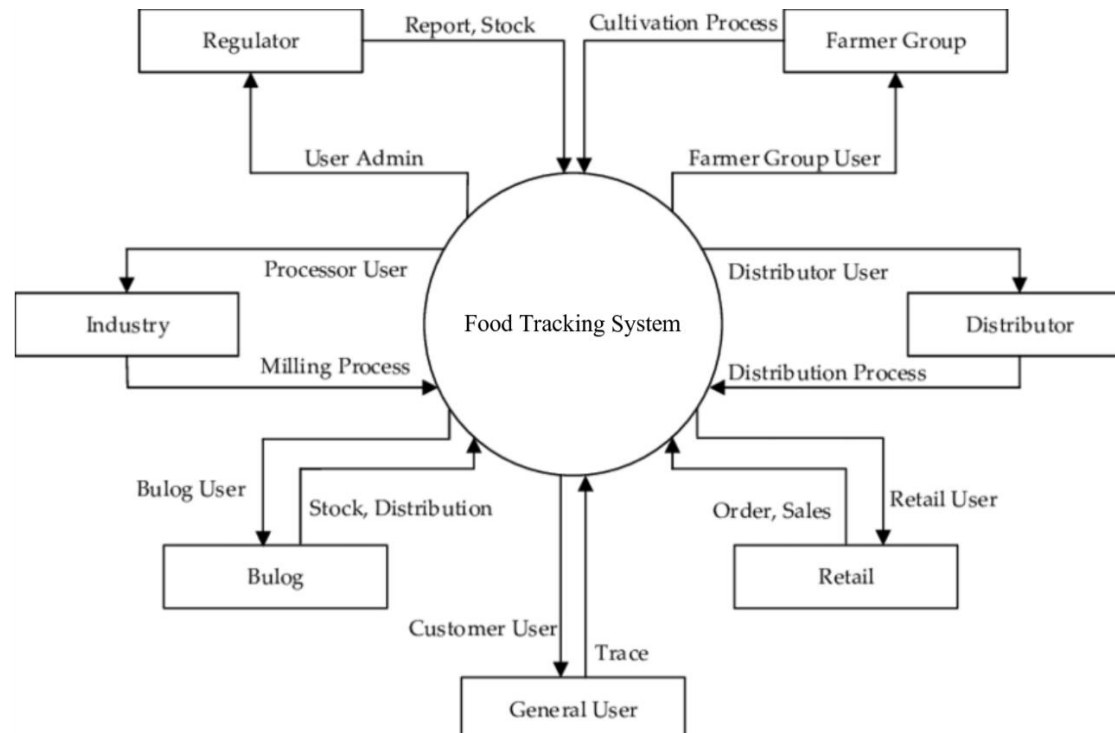
Data Flow Diagram & User Stories

Date	19 Oct 2023
Project Name	Food Tracking System

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.

Example:



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	Team Member
Consumer	Product Verification	USN-1	As a consumer, they want to verify the authenticity and origin of food products before making a purchase.	I The system displays detailed product information, including origin, production date, and certification.I can scan a QR code or enter a product code to access product details.	High	A.R,Mohammad Javid
Farmer	Production Data Input	USN-2	As a farmer/producer, they want to input data about the production process into the system.	I can create a new record for each batch of produce.I should input data such as planting date, harvesting date, and quality control results.	High	R.M.R.Rajamani
Distributor	Supply Chain Management	USN-3	As a distributor/supplier, they want to manage the transportation and distribution of food products efficiently.	I can update the system with shipment and delivery information.I should verify the quality and safety of the products during the transfer.	High	M.Praveen Kumar
Retailer	Inventory Management	USN-4	As a regulatory authority, they want to ensure that the system complies with food safety regulations and standards.	The system provides real-time updates on product availability and expiration dates.I can use the system to track sales and restock products as needed.	Medium	S.Sangilimuthu
Regulatory Authority	Regulatory Compliance	USN-5	As a regulatory authority, they want to ensure that the system complies with food safety regulations and standards.	I can access the system for audits and inspections.	High	-