

Smart Farmer-IOT Enabled Smart Farming Application

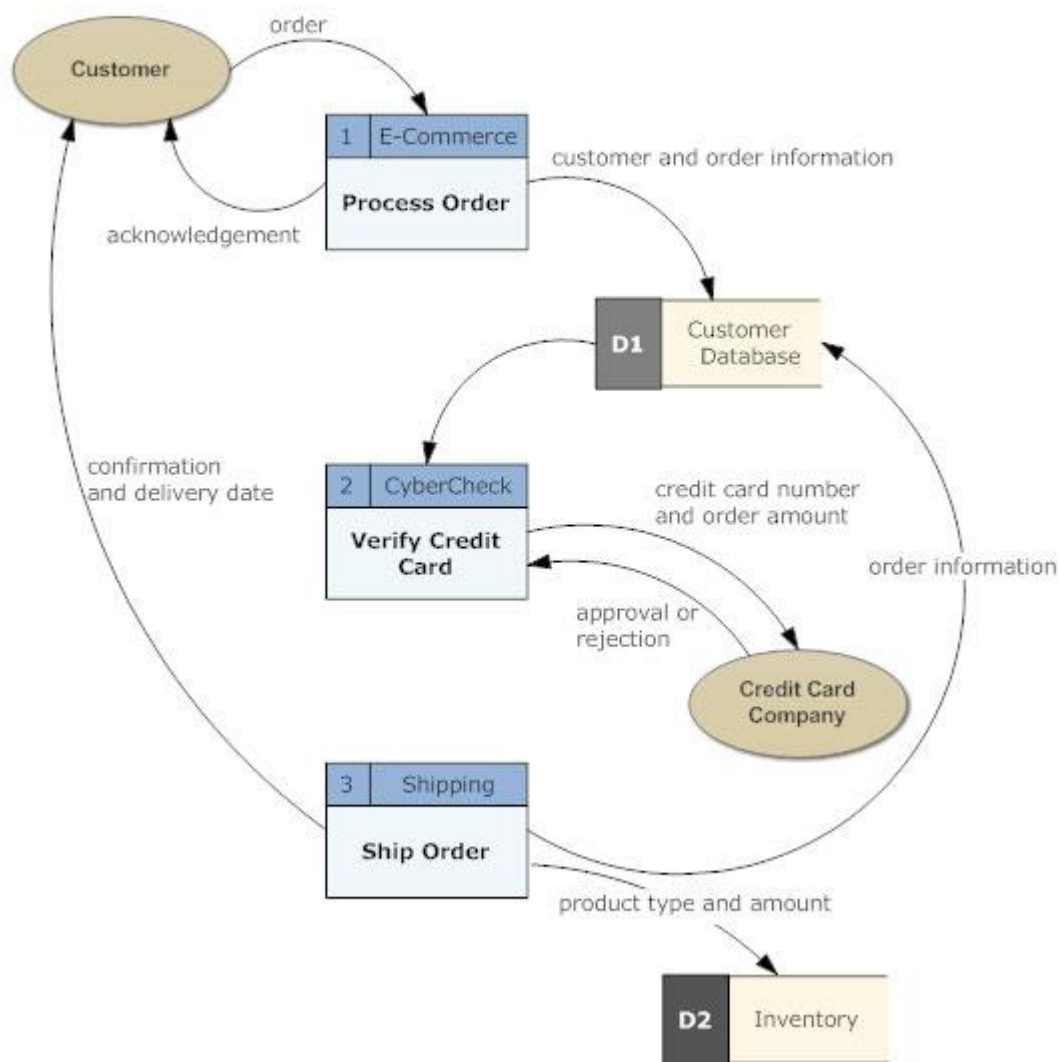
Project Design Phase - II Data Flow Diagram & User Stories

TITLE	Smart Farmer-IOT Enabled Smart Farming Application
DOMAIN NAME	INTERNET OF THINGS
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Data Flow Diagrams:

A data flow diagram (DFD) illustrates how data is processed by a system in terms of inputs and outputs. As its name indicates its focus is on the flow of information, where data comes from, where it goes and how it gets stored.

Data Flow Diagram - Online Order System



- All names should be unique. This makes it easier to refer to elements in the DFD.
- Remember that DFD is not a flow chart. Arrows is a flow chart that represents the order of events; arrows in DFD represents flowing data. A DFD does not involve any order of events.
- Suppress logical decisions. If we ever have the urge to draw a diamond-shaped box in a DFD, suppress that urge! A diamond-shaped box is used in flow charts to represents decision points with multiple exists paths of which the only one is taken. This implies an ordering of events, which makes no sense in a DFD.
- Do not become bogged down with details. Defer error conditions and error handling until the end of the analysis.

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	I can sign up for the application as a user by providing my email address, a password, and a password confirmation.	I can access my account / dashboard	High	Sprint-1
Customer (Web user)	Dashboard	USN-2	When I register for the application as a user, I will get a confirmation email.	I can receive confirmation email & click confirm	High	Sprint-1
	Registration	USN-3	I can sign up for the application as a user through Facebook.		Low	Sprint-2
		USN-4	I can sign up for the application as a user using Gmail.		Medium	Sprint-1
	Login	USN-5	I can access the application as a user by providing my email address and password.		High	Sprint-1
	Dashboard					

Customer (Web user)						
Customer Care Executive	Help	USN-1	If I'm a user, and I have	I will receive a reply from the support team that my message is accepted and later my queries or issues will be resolved	Medium	Sprint-3
Administrator	Management	USN-1	I require the resource management team to use high-quality products at fair prices as a user.	I get a warranty card and details about the product	Medium	Sprint-4
		USN-2	As a customer, I expect a return if I didn't get a high-quality goods.	I can receive a free service or a change of product	Medium	Sprint-4