

## Project Design Phase-II

### Data Flow Diagram & User Stories

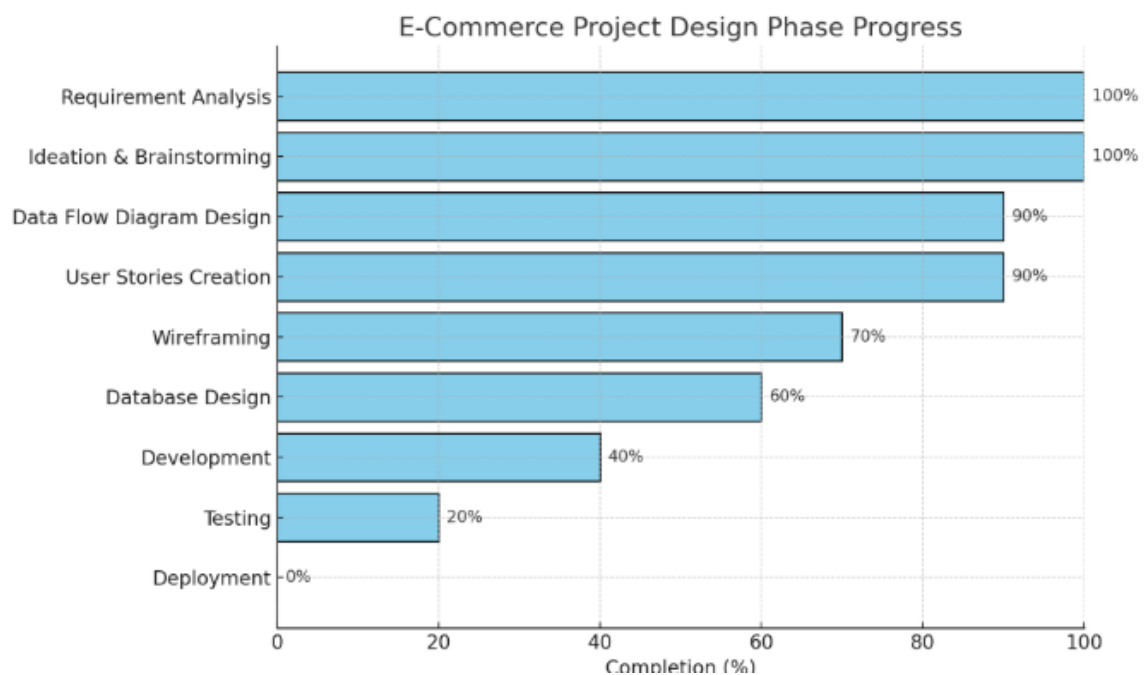
Date	21 jul 2025
Team ID	PNT2025TMID14671
Project Name	E-Commerce
Maximum Marks	4 Marks

#### Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of how information flows within a system. In the e-commerce platform, it shows how customers, sellers, administrators, and other systems exchange data. A well-structured DFD helps to clearly understand:

- How data enters and leaves the system
- The processes that transform the data
- Where the data is stored



Example: [\(Simplified\)](#)



#### User Stories

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

Phase	Description	Progress (%)	Status	Phase	Priority	Release
<b>Requirement Analysis</b>	Gathering and documenting the needs of the e-commerce platform.	100%	✅ Completed	<b>Requirement Analysis</b>	High	Sprint-1
<b>Ideation &amp; Brainstorming</b>	Generating and refining ideas for the system's features and design.	100%	✅ Completed	<b>Ideation &amp; Brainstorming</b>	High	Sprint-1
<b>Data Flow Diagram Design</b>	Creating diagrams to represent the movement of data through the system.	90%	🔄 Almost complete	<b>Data Flow Diagram Design</b>	Low	Sprint-2
<b>User Stories Creation</b>	Writing user-centric requirements to guide development.	90%	🔄 Almost complete	<b>User Stories Creation</b>	Medium	Sprint-1
<b>Wireframing</b>	Designing visual layouts for application pages.	70%	🔄 In progress	<b>Wireframing</b>	High	Sprint-1
<b>Database Design</b>	Structuring data storage and relationships.	60%	🔄 In progress	<b>Database Design</b>		
<b>Development</b>	Coding and implementing core functionalities.	40%	🚧 Started	<b>Development</b>		
<b>Testing</b>	Verifying and validating the system against requirements.	20%	🚧 Initial stage	<b>Testing</b>		
<b>Deployment</b>	Releasing the application to the live environment.	0%	🕒 Not started	<b>Deployment</b>		
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