

PROBLEM STATEMENT:

How will you create a shopping cart?

FULL STACK DEVELOPMENT

KEY CONSIDERATIONS

Why create a shopping cart?

- Facilitates easy product selection and purchase.

What are the common features among existing shopping carts?

- Provides user-friendly interface

Product Selection, Categorization, and Ordering:

Cost: ₹4,15,000 – ₹8,30,000

Delivery and Registration:

Cost: ₹2,50,000 – ₹5,80,000

Transaction (Payment Processing):

Cost: ₹4,15,000 – ₹9,96,000

Services (Infrastructure and Maintenance):

Cost: ₹2,50,000 – ₹4,98,000

Product & Categorization Setup:

Time: 1 to 2 months

Ordering, Delivery, and Registration:

Time: 1.5 to 3 months

Transaction and Payment:

Time: 1 to 2 months

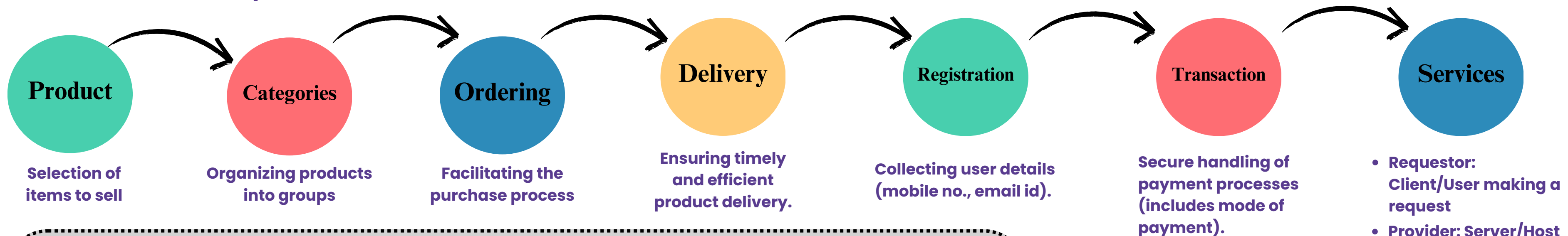
Services and Final Testing:

Time: 1 to 2 months



Documents required for product planning

- 1) MRD: Market Research Document
- 2) BRD: Business Requirements Document
- 3) PRD: Project Requirement Document



Shopping Cart Flowchart:

Browse Products → Add to Cart → View Cart → Proceed to Checkout → Login/Create Account → Enter Shipping Information → Enter Payment Information → Review Order → Place Order → Order Confirmation

Service Flow :

Requestor (Client/User) → Request → Provider (Server/Host) → Published Response (Protocols)

Design Process Stages :

Concept → Development → Testing → Deployment → Delivery → GA (General Availability)

Technology:

- HTML/CSS
- JavaScript
- React.js
- Node.js
- Python/Django
- Java/Spring Boot
- MySQL
- MongoDB
- Stripe/PayPal
- RESTful APIs
- GraphQL
- AWS
- Cloudflare
- Git

Total Estimated Cost in INR: ₹13,30,000

Total Estimated Duration: 4 to 7 months