

Modules	Functionality	Features	Reference
Title and Introduction	Field	Details	Flipkart/Wireframes
	Document Title	Low Level Design of Flipcart Application	
	Introduction	online shopping,Deals and Discounts,Buying Products	
Hero Section	Header Section	Search bar, login [Dropdown],company logo	
	Highlighted Campaigns	seasonal offers and flash sales.	
	Call-to-Action Buttons	like buy now , add to cart , etc	
	Full-Width Carousel	Slideshow of images or videos.	
	Clickable Links	Redirects from one to next page.	
	Customizable Timing	carousel display duration for each slide.	
Trending Products Section	Dynamic Updates	Auto-updates based on users interaction	
	Sort Options.	by popularity, highest reviews	
	Visual Indicators:	"Trending" or "Hot" tags on products.	
Deals of the Day Section	Countdown Timer	showing time remaining.	
	Dynamic Updates	Changes deals daily or hourly.	
	Discount Badges	Highlights percentage or flat discounts.	
Product Categories Section	Main Categories	like Electronics, Fashion,etc.	
	Subcategories	more specific like mobile,Accessories or footwears	
	Icons or Images	visual appearance.	
Featured Brands Section	Brand Logos	Showcased with high resolution.	
	Product Listings	Redirect to brand-specific product pages.	
Customer Testimonials Section	Highlight Reviews	Display featured or top-rated customer reviews.	
	Star Ratings	Visible average ratings for credibility.	
	Profile Images	Option to show customer avatars	
Newsletter Signup Section	Email Form	Input box for email addresses.	
	Benefits Section	Highlights reasons to subscribe (e.g., exclusive offers)	

	Confirmation Message	Display success upon signing up
Product Listing Page	Grid and List View	Toggle between grid and list layouts.
	Sorting Options	Sort by price, popularity, and reviews.
	Pagination	Allows users to navigate between pages.
Grid Layout	Thumbnail Display	Shows product images, prices etc.
	Hover Effects	quick actions like “Add to Cart” or “Wishlist” on hover.
Product Filters	Filter Types	likes price range sliders, brand checkboxes,etc.
	Multi-Select Filters	Users can apply multiple filters simultaneously.
	Reset Button	Clear all filters in one click.
Quick View Modal	Modal Design	Pop-up with product details (image, price, description).
	Add to Cart	Includes a button to add directly to cart.
	Wishlist Option	Save products for later.
Product Details Page	Detailed Information	Full description, specifications, and features.
	Reviews Section	user reviews and ratings.
	FAQS	Common questions answered.
Product Images and Gallery	High-Resolution Images	Zoom and rotate functionality.
	Multiple Angles	Include images from different perspectives.
	Video Demonstrations	Option to include short product videos.
Related Products Section	Recommendations	“Customers Also Bought” or “Similar Items” suggestions.
	Dynamic Updates	Changes based on product being viewed
	Links to Categories	Explore related categories.
Checkout Page	Order Summary	Displays all items with quantity and prices.
	Address Section	Input or select shipping address.
	Delivery Options	Standard or expedited shipping.
	Apply Discounts	Enter coupon codes.
Cart Summary	Item List	Includes thumbnail images, prices, and quantity input boxes.
	Editing Options	Remove or update quantities.
	Price Breakdown	Subtotal, taxes, and shipping costs.

Payment Gateway Integration	Multiple Payment Options	like Credit card,UPI,etc	
	Secure Processing	Encrypted payment transactions.	
	Save Payment Info	Option to save card details for faster future checkouts.	
Order Confirmation Page	Thank You Message	Acknowledges successful order	
	Order Number	Unique identifier for tracking.	
	Delivery Timeline	Estimated delivery date provided	
	Support Links	Contact details for order issues.	
AI-Chatbots	Use AI-powered chatbots to handle customer inquiries, suggest products, and resolve issues in real-time.	Enable multilingual support for a global audience.	Planned
Recommendation Page	Provide AI-driven personalized product recommendations	Displays products based on user behavior, preferences, and past purchases	Planned
Wishlist Sharing	Enable users to share their wishlist with friends or family	Users can generate a shareable link for their wishlist to share via email or social media.	Planned