**BRD prompt creation from client requirement document.**

You are a business analyst. I will provide you with a Client Requirement Document (CRD). Based on that, generate a comprehensive Business Requirement Document (BRD).

The BRD should include the following sections:

1. Introduction

- Purpose

- Background

- Project Scope

- Objectives

2. Business Requirements

- Functional Requirements

- Non-Functional Requirements

- Constraints and Assumptions

3. Stakeholders and Roles

4. Process Flows / Use Cases

5. Data Requirements

6. Success Metrics / Acceptance Criteria

7. Risks and Mitigations

Ensure the BRD is clear, professional, and well-structured.

Here is the CRD for reference:

[Paste your Client Requirement Document here]

**UI/UX screen Creation from BRD+CRD**

You are a UI/UX designer. I will provide you with a Business Requirement Document (BRD) and Client Requirement Document (CRD). Based on these, create a clear and simple UI/UX Wireframes Document.

The document should include:

1. Overview of the application

2. User flows (step by step)

3. Screen list (all required screens/pages)

4. Wireframe descriptions for each screen:

- Screen name

- Purpose

- Layout/Sections

- Key functionalities and interactions

- Navigation between screens

Keep the language simple, clear, and understandable for both technical and non-technical stakeholders. Use bullet points where possible.

Here are the documents:

[Paste BRD and CRD here]

**Architectural Design from BRD+CRD+UI/UX**

You are a software solution architect. I will provide you with the Client Requirement Document (CRD), Business Requirement Document (BRD), and the UI/UX Wireframes Document. Based on these, create a complete Architectural Design Document.

The document should include:

1. Introduction

- Purpose of the system

- High-level description

2. Architecture Overview

- System architecture (high-level)

- Architecture diagram (describe components, modules, and interactions)

3. Application Architecture

- Frontend design

- Backend design

- APIs and integrations

4. Data Architecture

- Database design (ER diagram or schema description)

- Data flow

5. Technology Stack

- Languages, frameworks, databases, third-party services

6. Security Architecture

- Authentication and authorization

- Data protection, encryption, compliance considerations

7. Deployment Architecture

- Hosting environment (cloud/on-prem)

- Scalability and performance considerations

- CI/CD pipeline overview

8. Non-Functional Considerations

- Reliability

- Maintainability

- Performance

- Availability

Make the architecture design clear, structured, and easy for developers, testers, and stakeholders to understand.

Here are the documents:

[Paste CRD]

[Paste BRD]

[Paste Wireframes Document]

**Code Development prompt:**

You are a senior full-stack engineer and UI/UX expert. I will provide you with 4 documents:

1. Client Requirement Document (CRD)

2. Business Requirement Document (BRD)

3. UI/UX Wireframes Document

4. Architectural Design Document

Your task: Build a complete, production-ready e-commerce website with both backend and frontend, based on these documents.

Requirements:

1. Follow the technology stack from the Architecture Design Document.

2. Implement full e-commerce functionality:

- User authentication & authorization

- Product catalog (list, details, search, filter, categories)

- Shopping cart & wishlist

- Checkout & payment integration (use a dummy payment gateway if real one not provided)

- Order management (user + admin)

- User profile & order history

- Admin dashboard (manage products, users, orders)

- Responsive, beautiful UI following the wireframes

3. Code Guidelines:

- The code must be \*\*error-free, complete, and runnable\*\*.

- Validate and debug internally before showing the final output.

- Provide correct project structure with all required files.

- Include database schema, models, and migrations.

- APIs must follow REST or GraphQL (as per architecture).

- Use clean, modular code with comments for clarity.

- Add unit tests and integration tests to ensure correctness.

4. Frontend Guidelines:

- Modern, responsive design (React/Next.js with Tailwind or as per stack).

- Follow the provided wireframes for layouts and navigation.

- Implement a polished, user-friendly shopping experience.

5. Deployment Guidelines:

- Include setup instructions (README).

- Provide environment config (.env template).

- Ensure code runs directly without errors after setup.

Here are the documents:

[Paste CRD]

[Paste BRD]

[Paste Wireframes Document]

[Paste Architectural Design Document]

Final Output:

A \*\*fully working, beautiful, and bug-free e-commerce site\*\* codebase (frontend + backend + database + tests) ready for deployment.

**Refined E commerce Prompt:**

You are a senior full-stack engineer, software architect, and UI/UX expert. Your task is to build a complete, production-ready E-commerce application (frontend + backend + database + tests) from the specifications provided below.

I will give you 4 documents:

1. Client Requirement Document (CRD)
2. Business Requirement Document (BRD)
3. UI/UX Wireframes Document
4. Architectural Design Document

Instructions for Code Generation

1. Technology Stack

* Use only the stack defined in the Architectural Design Document.
* If any details are missing, follow modern best practices for e-commerce development.

2. Core Features to Implement

* Authentication & Authorization (JWT or session-based as per architecture)
* Product Catalog (list, detail, search, filter, categories)
* Shopping Cart & Wishlist
* Checkout & Payment (integrate with provided gateway or dummy one if not specified)
* Order Management (User + Admin views)
* User Profile & Order History
* Admin Dashboard (manage products, users, orders)
* Responsive & Modern UI aligned with Wireframes Document

3. Code Guidelines

* Code must be bug-free, complete, and directly runnable.
* Follow a proper project structure (backend, frontend, database, tests).
* Provide database schema, models, and migrations.
* APIs must follow REST or GraphQL (as per design).
* Code must be modular, clean, and well-commented.
* Include unit tests + integration tests for critical flows (auth, checkout, payments, orders).
* Validate internally and ensure zero runtime errors before finalizing.

4. Frontend Guidelines

* Use React/Next.js + Tailwind (or per architecture stack).
* Build a responsive, beautiful UI as per wireframes.
* Ensure smooth UX for browsing, cart, checkout, and order tracking.

5. Deployment & Setup

* Include README.md with setup instructions.
* Provide .env.example with all required environment variables.
* Ensure the project runs end-to-end after following instructions (install, migrate DB, start app).

6. Final Deliverables

* A fully working, error-free, production-ready e-commerce application.
* Codebase including:
  + Backend (API + DB schema + migrations + tests)
  + Frontend (React/Next.js UI, responsive, polished)
  + Admin dashboard
  + Setup docs + env config
* Code should be self-contained and directly runnable after setup.

7. Output Format

* Provide the entire project structure with all necessary files.
* Do not skip files — include package.json, configs, migrations, etc.
* Ensure copy-paste into a code editor (Cursor, GitHub Copilot, VSCode, etc.) works without errors.

**Step by step execution (“Ecommerce site building:”):**

I have created the design flow for this which is in the readme file:

**Step 1:**

After giving the step 1 in the design flow as the prompt in the cursor.You have to give like in the below:

I want to create the step 1 in the complete design flow end to end from frontend to backend with entire working functionality, Can u create the code for that.

Step 2:  
Can u proceed to implement step 2 (Product Discovery & Browsing) .Dont change the existing code and work on this only

Step 3:  
Can u proceed to implement step 3 .Dont change the existing code and work on this only

Step 4,5,6, same

Step 7:

Can u simply create the admin flow also as it is in the Design flow document,Dont change the any existing code,Just work on this

Step 8:

I dont want the landing page,I just need the products page only as the main landing page,Can u make this,Dont change the any other code,Just work on this

Step 9:

You need to create the contact page and about page also,Can u do it now,dont touch the another code