data\_models

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Always clarify the context if needed.   
  
 Context: Project Details  
  
Project Name: Ecommerce Website  
  
Project Description: I want to build ecommerce website  
  
Project Type: Online Store  
  
User Responses  
  
Question: What is the primary purpose of the website?  
  
Answer: E-commerce  
  
Question: Who is your target audience?  
  
Answer: General Public  
  
Question: Which features do you need on your website?  
  
Answers:   
  
- User Registration/Login  
  
- E-commerce (Shopping Cart, Product Listings)  
  
Question: Do you need any specific integrations?  
  
Answers:   
  
- Payment Gateway (e.g., PayPal, Stripe)  
  
Question: How do you plan to manage content on your website?  
  
Answer: Custom CMS  
  
Question: Who will be responsible for updating the content?  
  
Answer: Myself  
  
Question: Who are you primarily selling to?  
  
Answer: General Consumers  
  
Question: Which functionalities are essential?  
  
Answers:   
  
- Product Catalog  
  
- Shopping Cart  
  
- Payment Gateway Integration  
  
- User Accounts  
  
- Order Tracking  
  
- Inventory Management  
  
- Customer Reviews  
  
UI Requirements  
  
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UI Requirements  
  
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Color Palette  
  
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Technical Requirements  
  
Development Framework: Django  
  
CMS: Customized  
 User: Provide the detailed data models relevant to the project as mentioned in the document. Use headings for different data model types and bullet points for specific details.  
 chatbot: Based on the provided information, here's an overview of the data models required for this e-commerce website:  
  
\*\*Product Data Model\*\*  
  
\* \*\*Product\*\*:   
 + `id` (primary key): Unique identifier for each product  
 + `name`: Product name  
 + `description`: Brief description of the product  
 + `price`: Price of the product  
 + `image\_url`: URL of the product image  
 + `category\_id` (foreign key): Reference to the category table  
 + `subcategory\_id` (foreign key): Reference to the subcategory table  
\* \*\*Category\*\*:   
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 + `id` (primary key): Unique identifier for each subcategory  
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\*\*Order Data Model\*\*  
  
\* \*\*Order\*\*:   
 + `id` (primary key): Unique identifier for each order  
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 + `order\_date`: Date when the order was placed  
 + `total\_amount`: Total amount of the order  
\* \*\*Order Item\*\*:   
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 + `product\_id` (foreign key): Reference to the product table  
 + `quantity`: Quantity of the product ordered  
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\* \*\*Customer\*\*:   
 + `id` (primary key): Unique identifier for each customer  
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 + `email`: Email address of the customer  
 + `password`: Password of the customer  
  
\*\*Payment Data Model\*\*  
  
\* \*\*Payment Method\*\*:   
 + `id` (primary key): Unique identifier for each payment method  
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\* \*\*Transaction\*\*:   
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 + `amount`: Amount paid  
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\*\*Inventory Data Model\*\*  
  
\* \*\*Stock\*\*:   
 + `id` (primary key): Unique identifier for each stock entry  
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These data models cover the essential entities required for building an e-commerce website with user registration/login, shopping cart functionality, payment gateway integration, custom CMS, inventory management, and order tracking.  
  
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Project Name: Ecommerce Website  
  
Project Description: I want to build ecommerce website  
  
Project Type: Online Store  
  
User Responses  
  
Question: What is the primary purpose of the website?  
  
Answer: E-commerce  
  
Question: Who is your target audience?  
  
Answer: General Public  
  
Question: Which features do you need on your website?  
  
Answers:   
  
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Question: Do you need any specific integrations?  
  
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Question: How do you plan to manage content on your website?  
  
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Answer: Myself  
  
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Answer: General Consumers  
  
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Project Name: Ecommerce Website  
  
Project Description: I want to build ecommerce website  
  
Project Type: Online Store  
  
User Responses  
  
Question: What is the primary purpose of the website?  
  
Answer: E-commerce  
  
Question: Who is your target audience?  
  
Answer: General Public  
  
Question: Which features do you need on your website?  
  
Answers:   
  
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Answer: Myself  
  
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Answer: General Consumers  
  
Question: Which functionalities are essential?  
  
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Project Name: Ecommerce Website  
  
Project Description: I want to build ecommerce website  
  
Project Type: Online Store  
  
User Responses  
  
Question: What is the primary purpose of the website?  
  
Answer: E-commerce  
  
Question: Who is your target audience?  
  
Answer: General Public  
  
Question: Which features do you need on your website?  
  
Answers:   
  
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Technical Requirements  
  
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 + `password`: Password of the customer  
  
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 Context: Project Details  
  
Project Name: Ecommerce Website  
  
Project Description: I want to build ecommerce website  
  
Project Type: Online Store  
  
User Responses  
  
Question: What is the primary purpose of the website?  
  
Answer: E-commerce  
  
Question: Who is your target audience?  
  
Answer: General Public  
  
Question: Which features do you need on your website?  
  
Answers:   
  
- User Registration/Login  
  
- E-commerce (Shopping Cart, Product Listings)  
  
Question: Do you need any specific integrations?  
  
Answers:   
  
- Payment Gateway (e.g., PayPal, Stripe)  
  
Question: How do you plan to manage content on your website?  
  
Answer: Custom CMS  
  
Question: Who will be responsible for updating the content?  
  
Answer: Myself  
  
Question: Who are you primarily selling to?  
  
Answer: General Consumers  
  
Question: Which functionalities are essential?  
  
Answers:   
  
- Product Catalog  
  
- Shopping Cart  
  
- Payment Gateway Integration  
  
- User Accounts  
  
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\* \*\*Transaction\*\*:   
 + `id` (primary key): Unique identifier for each transaction  
 + `payment\_method\_id` (foreign key): Reference to the payment method table  
 + `amount`: Amount paid  
 + `transaction\_date`: Date when the transaction occurred  
  
\*\*Inventory Data Model\*\*  
  
\* \*\*Stock\*\*:   
 + `id` (primary key): Unique identifier for each stock entry  
 + `product\_id` (foreign key): Reference to the product table  
 + `quantity`: Current quantity available for sale  
 + `reorder\_level`: Reorder level for the product  
  
These data models cover the essential entities required for building an e-commerce website with user registration/login, shopping cart functionality, payment gateway integration, custom CMS, inventory management, and order tracking.  
  
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Always clarify the context if needed.   
  
 Context: Project Details  
  
Project Name: Ecommerce Website  
  
Project Description: I want to build ecommerce website  
  
Project Type: Online Store  
  
User Responses  
  
Question: What is the primary purpose of the website?  
  
Answer: E-commerce  
  
Question: Who is your target audience?  
  
Answer: General Public  
  
Question: Which features do you need on your website?  
  
Answers:   
  
- User Registration/Login  
  
- E-commerce (Shopping Cart, Product Listings)  
  
Question: Do you need any specific integrations?  
  
Answers:   
  
- Payment Gateway (e.g., PayPal, Stripe)  
  
Question: How do you plan to manage content on your website?  
  
Answer: Custom CMS  
  
Question: Who will be responsible for updating the content?  
  
Answer: Myself  
  
Question: Who are you primarily selling to?  
  
Answer: General Consumers  
  
Question: Which functionalities are essential?  
  
Answers:   
  
- Product Catalog  
  
- Shopping Cart  
  
- Payment Gateway Integration  
  
- User Accounts  
  
- Order Tracking  
  
- Inventory Management  
  
- Customer Reviews  
  
UI Requirements  
  
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Color Palette  
  
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Technical Requirements  
  
Development Framework: Django  
  
CMS: Customized  
 User: Provide the detailed data models relevant to the project as mentioned in the document. Use headings for different data model types and bullet points for specific details.  
 chatbot: Based on the provided information, here's an overview of the data models required for this e-commerce website:  
  
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 + `price`: Price of the product  
 + `image\_url`: URL of the product image  
 + `category\_id` (foreign key): Reference to the category table  
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\* \*\*Category\*\*:   
 + `id` (primary key): Unique identifier for each category  
 + `name`: Category name  
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 + `id` (primary key): Unique identifier for each subcategory  
 + `name`: Subcategory name  
 + `category\_id` (foreign key): Reference to the category table  
  
\*\*Order Data Model\*\*  
  
\* \*\*Order\*\*:   
 + `id` (primary key): Unique identifier for each order  
 + `customer\_id` (foreign key): Reference to the customer table  
 + `order\_date`: Date when the order was placed  
 + `total\_amount`: Total amount of the order  
\* \*\*Order Item\*\*:   
 + `id` (primary key): Unique identifier for each order item  
 + `order\_id` (foreign key): Reference to the order table  
 + `product\_id` (foreign key): Reference to the product table  
 + `quantity`: Quantity of the product ordered  
 + `subtotal`: Subtotal of the order item  
  
\*\*Customer Data Model\*\*  
  
\* \*\*Customer\*\*:   
 + `id` (primary key): Unique identifier for each customer  
 + `username`: Username chosen by the customer  
 + `email`: Email address of the customer  
 + `password`: Password of the customer  
  
\*\*Payment Data Model\*\*  
  
\* \*\*Payment Method\*\*:   
 + `id` (primary key): Unique identifier for each payment method  
 + `method\_name`: Name of the payment method (e.g., credit card)  
\* \*\*Transaction\*\*:   
 + `id` (primary key): Unique identifier for each transaction  
 + `payment\_method\_id` (foreign key): Reference to the payment method table  
 + `amount`: Amount paid  
 + `transaction\_date`: Date when the transaction occurred  
  
\*\*Inventory Data Model\*\*  
  
\* \*\*Stock\*\*:   
 + `id` (primary key): Unique identifier for each stock entry  
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Always clarify the context if needed.   
  
 Context: Project Details  
  
Project Name: Ecommerce Website  
  
Project Description: I want to build ecommerce website  
  
Project Type: Online Store  
  
User Responses  
  
Question: What is the primary purpose of the website?  
  
Answer: E-commerce  
  
Question: Who is your target audience?  
  
Answer: General Public  
  
Question: Which features do you need on your website?  
  
Answers:   
  
- User Registration/Login  
  
- E-commerce (Shopping Cart, Product Listings)  
  
Question: Do you need any specific integrations?  
  
Answers:   
  
- Payment Gateway (e.g., PayPal, Stripe)  
  
Question: How do you plan to manage content on your website?  
  
Answer: Custom CMS  
  
Question: Who will be responsible for updating the content?  
  
Answer: Myself  
  
Question: Who are you primarily selling to?  
  
Answer: General Consumers  
  
Question: Which functionalities are essential?  
  
Answers:   
  
- Product Catalog  
  
- Shopping Cart  
  
- Payment Gateway Integration  
  
- User Accounts  
  
- Order Tracking  
  
- Inventory Management  
  
- Customer Reviews  
  
UI Requirements  
  
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Color Palette  
  
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Technical Requirements  
  
Development Framework: Django  
  
CMS: Customized  
 User: Provide the detailed data models relevant to the project as mentioned in the document. Use headings for different data model types and bullet points for specific details.  
 chatbot: Based on the provided information, here's an overview of the data models required for this e-commerce website:  
  
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\*\*Payment Data Model\*\*  
  
\* \*\*Payment Method\*\*:   
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Project Name: Ecommerce Website  
  
Project Description: I want to build ecommerce website  
  
Project Type: Online Store  
  
User Responses  
  
Question: What is the primary purpose of the website?  
  
Answer: E-commerce  
  
Question: Who is your target audience?  
  
Answer: General Public  
  
Question: Which features do you need on your website?  
  
Answers:   
  
- User Registration/Login  
  
- E-commerce (Shopping Cart, Product Listings)  
  
Question: Do you need any specific integrations?  
  
Answers:   
  
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Question: How do you plan to manage content on your website?  
  
Answer: Custom CMS  
  
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Answer: Myself  
  
Question: Who are you primarily selling to?  
  
Answer: General Consumers  
  
Question: Which functionalities are essential?  
  
Answers:   
  
- Product Catalog  
  
- Shopping Cart  
  
- Payment Gateway Integration  
  
- User Accounts  
  
- Order Tracking  
  
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UI Requirements  
  
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Project Type: Online Store  
  
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Question: What is the primary purpose of the website?  
  
Answer: E-commerce  
  
Question: Who is your target audience?  
  
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Answers:   
  
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