flow\_diagram

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graph LR  
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 B[System] -->|Query Database|> C[Database]  
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 D[Product Information] -->|Process|> E[E-Commerce Logic]  
 E[E-Commerce Logic] -->|Validate Payment|> F[Payer]  
 F[Payer] -->|Make Payment|> G[Billing System]  
 G[Billing System] -->|Update Inventory|> H[Inventory Management]  
 H[Inventory Management] -->|Notify Customer|> I[Customer Notification]  
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This diagram illustrates the basic flow of events from user input to product delivery. It includes key steps such as querying the database, processing payment, updating inventory, and notifying the customer. Please keep in mind that this is a high-level representation and might not accurately reflect the actual technical implementation.  
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