

E-COMMERCE STORE

Made By:

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1. transferBalance(sender_id, receiver_id, amount)

- **Purpose:** Allows users to transfer money to another user.
- **Key Features:** Validates sender and receiver IDs and ensures the sender has sufficient balance before completing the transfer.
- **Benefit:** Facilities peer-to-peer financial interactions on the platform.



2. addToCart(user_id, product_id)

- **Purpose:** Enables users to add a product to their shopping cart.
- **Key Features:** Validates the user and product existence before adding it to the cart.
- **Benefit:** Provides a seamless shopping experience.



3. placeOrder(user_id)

- **Purpose:** Allows users to purchase all products in their cart.
- **Key Features:** Checks for sufficient balance, updates inventory stock, deducts balance, and clears the cart after purchase.
- **Benefit:** Streamlines the purchasing process and supports order completion.



4. addToWishlist(user_id, product_id)

- **Purpose:** Lets users save a product to their wishlist for future reference.
- **Key Features:** Prevents duplicate entries in the wishlist and validates product existence.
- **Benefit:** Improves user experience by allowing them to track products of interest.



5. refundPurchase(user_id, product_id)

- **Purpose:** Processes refunds by crediting the purchase amount back to the user's balance.
- **Key Features:** Validates user, merchant, and product details before issuing the refund.
- **Benefit:** Builds customer trust and supports easy return handling.

THANK YOU