**E-Store Mobile App – User Manual**

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This guide explains how to use all features of the E-Store App, including login, registration, product browsing, cart management, favorites, checkout, and profile editing.

**1. Login Screen**

* **Purpose:** Allows registered users to log in.
* **Fields:**
  + **Email:** Enter your registered email.
  + **Password:** Enter your password.
* **Buttons:**
  + **Login:** Authenticates credentials using Firebase Auth.
  + **Don't have an account? Register here:** Redirects to the Register screen.

✅ **Validation**: Email and password must be valid, otherwise errors are shown.

**2. Register Screen**

* **Purpose:** Lets users create a new account.
* **Fields:**
  + **Full Name**
  + **Email**
  + **Password**
* **Buttons:**
  + **Register:** Creates a new Firebase Auth user and stores profile info in Firestore.
  + **Already have an account? Login:** Redirects to the login screen.

**3. Home Screen**

* **Purpose:** Displays a few featured products.
* **Sections:**
  + **Search Bar** (non-functional UI for future expansion)
  + **Promotional Banner**
  + **Featured Products Grid**
    - Displays up to 4 featured products
    - Tapping a product opens the **Product Details** screen
* **Each Product Card Shows:**
  + Product image (from Firestore URL)
  + Name, Price, Rating
  + ❤️ Heart icon to favorite/unfavorite

**4. Products Screen**

* **Purpose:** Displays all products from the Firestore products collection.
* **Layout:** Grid with image, name, price, and category.
* **Favorites:** Each product has a heart icon to toggle favorites.
* **Tap Product:** Opens the product details page.

**5. Product Details Screen**

* **Purpose:** Shows detailed product info.
* **Includes:**
  + Product image, name, price, description
  + Two Buttons:
    - **Add to Cart:** Adds the product to the cart
    - **Buy Now:** Adds to cart then navigates to checkout

**6. Favorites Screen**

* **Purpose:** Shows all favorite products.
* **Layout:**
  + List with thumbnail, name, price
  + Trash icon to remove item from favorites

**7. Cart Screen**

* **Purpose:** Shows all items added to cart.
* **Features:**
  + Image, name, price
  + 🗑️ Delete button to remove item
  + 🧾 Total price shown
  + **Proceed to Checkout** button

**8. Checkout Screen**

* **Purpose:** Final step before order placement.
* **Includes:**
  + List of cart items with name, price, and thumbnail
  + Total cost
  + **Place Order** button
    - Clears cart
    - Shows success alert

**9. Profile Screen**

* **Purpose:** Manage user info.
* **Includes:**
  + Profile picture (uploaded from device)
  + Editable name and email fields
  + **Change Password** button
  + **Save Changes** to update Firestore
  + **Upload Photo** opens file picker and uploads to Firebase Storage

**10. Bottom Navigation Bar**

* **Buttons:**
  + 🏠 Home
  + 🧺 Products
  + ❤️ Favorites
  + 👤 Profile

Each icon takes the user to the respective screen.

**11. Firebase Integration**

* **Authentication:** Used for login/register.
* **Firestore Collections:**
  + users – stores user profiles
  + products – product data
* **Firebase Storage:** Used for uploading profile pictures.