**Objective of the Project**  
The objective of this project is to develop a Flutter-based mobile application to streamline the product purchasing and order management process. The application will cater to two types of users: **Admin** and **Customer**. The Admin will manage product listings and customer orders, while the Customer will have a user-friendly interface to browse products, add them to a cart, and place orders. This project aims to provide an efficient platform for small businesses to manage online orders and customer transactions seamlessly.

**Functional Requirements of the Project**

**Admin Functionalities:**

1. **Login Requirement:** Admin must log in to access the dashboard.
2. **Product Management:**
   * Add products with details such as name, price, description, quantity.
   * Remove products from the list.
3. **Order Management:**
   * View all orders placed by customers.
   * Confirm or reject customer orders.

**Customer Functionalities:**

1. **Order Placement:**
   * Customers can place orders with or without logging in.
   * After placing an order, customers are required to upload transaction proof/photo or provide a transaction ID.
2. **Shopping Cart:**
   * Browse products and add them to a cart.
   * Specify quantities for items in the cart.
   * Place an order directly from the cart.

**Technologies Used:**

* **Framework:** Flutter for mobile app development.
* **Database:** Firebase for product, order, and transaction management.