PulseMart

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:**

    o   Add products with details such as name, price, description, quantity.

    o   Remove products from the list.

3. **Order Management:**

    o   View all orders placed by customers.

    o   Confirm or reject customer orders.

Customer Functionalities:

1. **Order Placement:**

    o   Customers can place orders with or without logging in.

    o   After placing an order, customers are required to upload transaction proof/photo or provide a transaction ID.

2. **Shopping Cart:**

    o   Browse products and add them to a cart.

    o   Specify quantities for items in the cart.

    o   Place an order directly from the cart.

Technologies Used:

- **Framework:** Flutter for mobile app development.

- **Database:** Firebase for product, order, and transaction management.