

Construction Material App (Like Zomato)

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Abstract- *The Construction Material App is a mobile application designed to help users easily find and purchase construction materials such as cement, sand, bricks, steel, and tiles. The application works similarly to a food delivery platform where users can search nearby material suppliers, compare prices, view ratings, and place orders through the app.*

This system helps contractors, builders, and individual customers save time and effort in searching for construction materials. The app also allows suppliers to register their shops and display available products with prices. Users can track orders and communicate with suppliers through the platform.

The main goal of this project is to make the process of buying construction materials simple, fast, and convenient using digital technology.

I. INTRODUCTION

In the construction industry, materials such as cement, bricks, sand, steel, and tiles are required frequently. Usually, contractors or customers have to visit different shops to check prices and availability of these materials. This process takes a lot of time and effort. The Construction Material App solves this problem by providing an online platform where users can search and order construction materials from nearby suppliers. The application works similar to food delivery apps where customers can browse products, compare prices, and place orders from their mobile phones.

This system helps customers find materials easily and helps suppliers increase their sales by reaching more customers through the application.

II. PROCEDURE FOR PAPER SUBMISSION

A. Requirement Analysis

In this stage, the requirements of the application are identified. The main features include user registration, product listing, supplier registration, order placement, and payment options.

B. System Design

The system design defines the structure of the application. It includes database design, user interface design, and system architecture for managing users, suppliers, and orders.

C. Implementation

The application is developed using mobile development tools and programming languages. The database stores information about users, materials, suppliers, and orders.

III. SYSTEM FEATURES

The main features of the Construction Material App are:

1. User Registration and Login – Users can create accounts and log in to the application.
2. Material Search – Users can search for construction materials such as cement, sand, bricks, and steel.
3. Supplier Listing – Nearby suppliers and shops are displayed in the app.
4. Price Comparison – Users can compare prices from different suppliers.
5. Order Placement – Customers can order materials directly from the app.
6. Ratings and Reviews – Users can rate suppliers based on service quality.

IV. BENEFITS OF THE SYSTEM

The advantages of the Construction Material App include:

- Saves time in searching for construction materials.
- Easy comparison of prices from different suppliers.
- Convenient ordering through mobile devices.
- Helps suppliers reach more customers.
- Improves transparency in pricing and availability.

V. HELPFUL HINTS / SYSTEM MODULES

The application contains different modules such as:

1. User Module – Allows users to register, search materials, and place orders.
2. Supplier Module – Suppliers can add materials and update prices.
3. Admin Module – Admin manages users, suppliers, and application data.

VI. APPLICATIONS

The Construction Material App can be used by:

- Builders and Contractors
- Construction Companies
- Individual House Builders
- Material Suppliers and Shop Owners

VII. CONCLUSION

The Construction Material App provides a simple and efficient solution for purchasing construction materials. It connects customers and suppliers on a single digital platform. The application reduces time and