**Food Delivery App (Group Project)**

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**Objective**:

To provide users with a convenient platform to order and track deliveries of goods or services directly from their mobile devices. It aims to streamline the ordering process, facilitate efficient logistics, and enhance customer satisfaction through real-time updates and ease of access.

**Target Customer**:

* Busy professionals who value convenience and time-saving services.
* Tech-savvy users who are comfortable using apps for their daily needs.
* Urban dwellers where delivery services are more accessible.
* Students who may prefer the ease of delivery for meals or products.
* Elderly or disabled individuals who may have limited mobility and benefit from home delivery.
* Retail shoppers looking for quick access to products without visiting stores.

**Application Description**:

**User Registration & Profiles** - Allows users to create accounts, manage personal information, and track order history. Features include social media login, profile customization.

**Product/Service Browsing** - A catalog where users can browse products, services, or restaurants. Features include categories, search filters (price, popularity, rating), and detailed descriptions for products or services.

**Real-Time Order Tracking** - Provides real-time updates on the status of the delivery, from order confirmation to delivery completion. Features include live GPS tracking of the delivery agent, estimated delivery time, and notifications.

**Payment Gateway Integration** - Secure payment options for a seamless transaction experience. Features include multiple payment methods (credit/debit cards, digital wallets, cash on delivery) with an integrated payment processor.

**Ratings & Reviews** - Users can rate their delivery experience and provide feedback on products or services. Features include star ratings and written reviews to help improve service quality.

**Order History & Reorder** - Allows users to view their past orders and quickly reorder previous items. Features include one-click reorder functionality with order details stored in the history.

**Tools and Resources**:

* Visual Studio Code
* Flutter
* Firebase
* Figma
* Trello
* Stripe API
* Google Maps API
* Github

**Implementation Plan**:

* Define the app’s goals, target audience, and core features.
* Design the app's interface and user experience.
* Build the server-side infrastructure and database.
* Develop the app’s frontend for Android.
* Integrate secure payment processing.
* Ensure the app is bug-free and works smoothly across devices.

**Weakness**:

Lack of knowledge regarding delivery app development and/or implementation of delivery app features.

**Challenges**:

* Required to research more advanced Flutter concepts/methods.
* Required to research about to-be-integrated APIs.

**Future Plan**:

* Prep For Deployment
* Scalability & Performance Enhancements