**Catalytic Mastermind**

**Abstract:** The Catalytic Mastermind is a comprehensive mobile application where admin can effortlessly add Codes (products) . This App streamlines the process of users adding required codes(products) to their Lot(inventory) , and initiating order with the admin for a seamless purchasing experience.

**Key Features:**

**User-Friendly Interface:**

An intuitive and user-friendly design featuring a top-setting button leading to a menu with essential options such as Notifications, User Profile, Margin, Tier, Change Password and Logout.

**Inventory Management:**

Users can add products to their inventory(Lot) and initiate communication with the admin for inquiries or purchases.

**Navigation Icons:**

Four primary icons at the bottom of the app for quick navigation: Home, Search, Inventory, and Photo Grade, providing users with easy access to essential functionalities.

**Admin Dashboard:**

A powerful admin dashboard enabling the admin to post products, manage notifications, user profiles, margins, tiers, and share affiliate links effortlessly.

**Email Notification System:**

An automated email notification system ensuring the admin is promptly informed of new inquiries. Users receive confirmation emails upon inquiry submission with attached PDF invoice.

**Order Fulfillment:**

A streamlined process for order fulfillment, allowing the admin to efficiently manage and dispatch spare parts to users.

**App pages:**

Home

search

Inventory

Photo Grade

Login

Sign-up

Forget password

**Settings:**

Notifications

User profile

Margin

Tire

Change Password

**Admin Panel:**

Admin have super power to control complete App, what is happening on App and every information will be in super admin, Admin can have complete access to modify delete any user any code anything. So overall admin panel will include following features.

**Login**

* Admin can login , reset password
* Change Password

**App settings**

* Manage App settings

**System Configuration:**

* Configure system settings, including email notifications and alerts.
* Manage application-wide parameters.

**Manage Users:**

* Admin can manage users

**Manage Codes:**

* Admin can view/manage/add products
* Upload csv with new codes
* Download current code csv

**Manage Lots:**

* Admin can view/manage/delete Lots
* Download current Lots csv

**Manage Grades:**

* Admin can view/manage/
* Download current code csv

**Manage Partners:**

* Admin can view/manage/add partners banners

**App Phases:**

The project will be divided into several phases to ensure a systematic and efficient development process:

**Ui/Ux design:**

We will be designing a complete brand new Ui for the whole app with the required screens up to 15 screens.

**Fronted Development:**

Create a responsive and intuitive user interface using React-native .

**Backed Development:**

Develop the backend logic using Laravel.

**Testing:** Perform thorough testing, including functionality, security, and performance testing.

**Deployment:** Deploy the application backend on AWS servers, ensuring scalability and reliability.

Publishing the Application :

We will be publishing the apps on Google Play and App store.

**Conclusion:**

The aim of this App is to create an online platform where users can request for products. The platform will include an admin portal to manage the process.

Please review this proposal, and if you have any questions or would like to discuss further details, feel free to reach out, ensuring a comprehensive and effective platform.

Sincerely,

Jahanzaib Khalid