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CS-360

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Memory updated

**App Launch Plan for Inventory App**

**1. App Description and Icon:**

**App Name:** Inventory Manager

**Description:**  
Inventory Manager is your ultimate tool for managing inventory efficiently and effortlessly. Designed for businesses of all sizes, this app allows you to track stock levels, update item quantities, receive SMS notifications when stock is low, and new features added from user feedback. With a simple and intuitive interface, managing inventory has never been easier.

**Key Features:**

* **Real-Time Inventory Tracking:** Keep track of your stock levels in real-time and update item quantities with ease.
* **SMS Notifications:** Get instant alerts when inventory items fall below a set threshold.
* **User-Friendly Interface:** Navigate through your inventory with a clean and intuitive grid layout.
* **Secure Login:** Protect your data with secure login functionality.
* **Database Integration:** Store and manage your inventory with built-in SQLite database support.
* **Constantly Evolving:** Our goal is continual improvement. It’s the only way to provide to you the most up-to-date experience and features.

**Icon:**  
The app icon will feature a sleek, modern design of a stack of boxes, symbolizing inventory, on a green background. The boxes will be partially open, with the Inventory Manager initials (IM) subtly integrated. The color scheme will align with the app’s primary color: #ACD8A7.

**2. Android Version Compatibility:**

Inventory Manager will comply with Google Play Store’s target API level of 34 with a minimum of 33. This will ensure devices equipped with Inventory Manager will be able to take advantage of all the features originally included, as well as future updates.

**3. Permissions:**

**Requested Permissions:**

* **SMS Permission (SEND\_SMS)**: Required to send SMS notifications when inventory levels fall below the set threshold.
* **Internet Permission (INTERNET)**: Required if the app will be integrated with online services in future updates.
* **Storage Permission (READ\_EXTERNAL\_STORAGE, WRITE\_EXTERNAL\_STORAGE)**: Requested if the app needs to save or retrieve inventory data from the user's device storage in future updates. (Current version)

**Note:** Only essential permissions will be requested to ensure user privacy and security. The app will not ask for unnecessary permissions such as access to the microphone or camera unless these features are added in future updates.

**4. Monetization Strategy:**

**Plan:**

* **Free Version with In-App Ads:** The app will be available for free with in-app ads promoting higher tiers. This will allow users to experience the app in a limited capacity, without any upfront cost, and upselling them to the next version as their needs grow. They will get full functionality of the app to be used with at most 5 inventory items.
* **Ad-Free Version with Extra Inventory Space:** A one-time purchase option will be available to increase inventory capacity to 15 a larger inventory.
* **Enterprise Version:** Depending on user needs a large-scale inventory manager may be needed. This version will be offered as a one-time purchase (price depending on user needs) giving the user unlimited inventory items as well as customizations as needed and dedicated customer support.