**MOHAMED ELMARZOUGUI**

**CS-360 Mobile Architect & Programming**

**12/15/2024**

**7-2 Project Three: Inventory App Development**

This app provides an efficient solution for managing warehouse inventory. It allows users to track products, update stock levels, and maintain accurate records of incoming and outgoing items. With real-time updates and a user-friendly interface, the app helps businesses streamline their inventory processes, ensuring smooth operations and reducing errors."

The app's icon should represent its functionality and purpose. A clean, professional design with symbols such as a warehouse, boxes, or inventory lists could work well.

**Android Versions Supported**

The app will run on Android 7.0 (Nougat) and above (API level 24). By targeting Android 14 (API level 34), the app will be compatible with the latest Android features, ensuring it benefits from the most recent security and performance improvements.

**Permissions**

The app will request the following permissions:

* **Network Permission**: For syncing data or sending notifications, if applicable.
* **SMS Permission**: SMS-based alerts used to notify app users when inventory reaches a critical level.

**Monetization Strategy**

As for monetization, we can consider the following options:

1. **In-App Purchases**: The app could offer a free version with basic features, while advanced features (such as advanced reporting, unlimited users, or integration with other tools) could be unlocked through in-app purchases or a premium subscription.
2. **Ads**: Displaying ads in the free version can provide a revenue stream.
3. **One-Time Payment**: A one-time payment model could work well for small businesses that prefer not to deal with recurring charges.

**Next Steps for Launch**

Before launching the app, it's important to conduct testing in order to fix any bugs. This will help ensure the app is functioning as intended and ready for wider use. Once the app has been tested and refined, the next step is marketing, by promotional materials such as banners, app store descriptions, and social media posts to attract potential users and generate interest in the app. Finally, once testing is complete and the app is stable, we can submit it to the Google Play Store for review.

**Post-Launch Considerations**

After the app is launched, we need to continue monitoring user feedback and app performance, regular updates may be needed to fix bugs, improve functionality, or add new features based on user demand.