App Launch Plan – Inventory Management Application

Kaleb Ward

4/26/2025

The inventory system allows for easy of use item management, future based items with unlock dates, SMS notifications with stock alerts and other alerts, muti-user sign in system with management capabilities, and a clean and efficient user interface that will allow for ease of use while also staying efficient. The application allows various users to easily add and change items as needed and allows for a simple but efficient inventory system concept.

Compatibility:

* SDK version greater than Android 8.0 (the target SDK is Android 14)

The compatibility range covers majority of Android devices with a 95% success rate when researching the SDK version that majority of Android devices are running.

Permissions:

* SMS permission (android.permission.SEND\_SMS) -> Is required for sending low stock notifications to phones linked in the app with associated phone numbers.

The low use of permissions allows users that may not want various applications to access to parts of their phone the quality of life of not having to give access to a wide range of devices they’re utilizing. The app will not need access to the internet at this moment, camera permissions, and location permissions as it does not utilize these functions.

Monetization:

* Free Version:
  1. Small banner ads at the top of the screen do not obstruct the view of using the app.
  2. Basic notifications in terms of low stock and other utilizations, a paid version will have more notification capabilities.
  3. A maximum amount of inventory items you can have in the system (currently 50)
* Paid Version ($4.99):
  1. Ad-free experience
  2. Unlimited inventory items.
  3. Internet access in terms of cloud backup and other internet utilization.