Ronald W. Sudol III

SNHU CS360

Project Three

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Inventory App Launch Plan

App Description:

This app allows for easy inventory monitoring and management in a secured environment. Users are authenticated and granted permission by role. Users can view current inventory, add or delete inventory items, update quantities of existent items, and even opt in for SMS notifications about inventory changes. This is a lite, no-nonsense app that allows a business to take control of its inventory quickly and efficiently.

This ap is designed to support Android devices as far back as API level 28 (Android 9). This includes Androids most current version. As new components are introduced to the app we could continues to build off of Android 9’s API level or we could choose to upgrade the framework. Ideally, we want the app to be available to as many devices as possible so while it is also important to ensure that new devices can run the app, it is equally important to ensure that the widest variety of older devices can run the app as well.

The app requires user permission by means of authentication. Without creating an account, there is no way to access the app. The basic user currently has permission to create, read, and write data. Furthermore, device permissions come into play with the SMS notification system. The user is asked to grant the app permission to send SMS notifications to the end user. Unnecessary permissions, such as video, audio, and motion sensor data access are not included as they are unnecessary to the primary functioning of the app.

I think the best way to monetize this app would be to license it with subscriptions. Allow a company to purchase X amount of user subscriptions per inventory site and if they need more individual user accounts, we can sell them in increasing bundles. We can also offer a base plan for free and then sell additional and premium services like hosted database management.

CITATIONS:

Hughart, N. (2023b, January 25). BuildFire. *BuildFire*.

[https://buildfire.com/ways-monetize mobile-app/](https://buildfire.com/ways-monetize%20mobile-app/)

Android Developers. (2023. Android Developers. https://developer.android.com/studio

Arsari. (n.d.). GitHub - arsari/InventoryAppRepo - Android Mobile App using JAVA and SQLite. GitHub. https://github.com/arsari/InventoryAppRepo