**Project 3 App Launch Plan**

**What will be included in your app’s description and what kind of icon will best represent your app once it is made available in the app store?**

The app's description would be a concise description of what the app looks to accomplish.  
The app is designed to provide a means of tracking inventory along with metadata for each item (such as location) and provide notifications when stock of an item is low. The app targets any user who might need to track items, whether this is for a business, a classroom, or a warehouse.

The icon currently would be similar to the logo. A crate with Inventory overlayed on it.

**Which version(s) of Android will your app successfully run on? Have you included the most current version? Note that with each version of Android, new components are introduced that add considerations and challenges in the development.**

The app currently targets API level 31 and is projected to work on ~90% of devices in the wild. With the functionality being used, the app may work on older versions, since it currently only relies on a local MySQL DB and the SMS service, along with the handler/runner systems.

**What permissions will your app ask for? Be sure these are the only permissions that are necessary for your app to run. For example, does your manifest ask for permission to record phone audio when your app does not use it?**

The app only asks for a single permission, which is for the optional ‘Low Stock’ notification. If the user denies this, they only lose access to the SMS notification. If accepted, an SMS is sent every 10 minutes for stock under the specified threshold. In a later update, I would also add custom notification intervals.

**What is your plan for monetization of the app? Consider whether your app will include ads, and require a one-time payment, both, or neither.**

I think a free version of the app would run locally using the device’s MySQL database, but a paid version (probably subscription-based) could allow the DB to be cloud-based, and allow multiple users to read/write to the database. This would allow for the DB to be backed up, and modified by multiple users, greatly expanding the use case of the app. The app could be used in larger stores, with associates being able to view stock this way.