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Professor Roberts

Launch Plan

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**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?**  
  
This description of this application will be as follows:  
  
This fully dynamic Inventory Management Application allows users to create and manage their personal Inventory. Create a unique login, enter items, and track their inventory all at your fingertips.  
  
For the icon, I would use a picture of a backpack or a cart. This way it can be sold to businesses and individuals.

**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.**

This application is set up to use API 31 which translates to Android 12. This is the current version of Android, but the Gradle file is configured to accept the minSDK of version 28 which allows devices using Android 9.0 to run the application. Generally, it’s best practice to test every version included to make sure that there aren’t any compatibility issues. New versions of Android introduce features or changes to the existing APIs that may not work for previous versions. This may include security features or User Interface components that may negatively affect user experience.

**What permissions will your app ask for? Be sure these are 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?**  
  
Since this is an Inventory Management application there isn’t much need for permissions, but the application can ask to send notifications to the user based on different events such as low inventory count or 2-factor authentication on sign-in. Additionally, with the implementation of new features, a quick add feature could be added that allows a user to take a picture of an item or the item’s barcode and allows them to verify and add the information.

**What is your plan for monetization of the app? Consider whether your app will include ads, require a one-time payment, both, or neither.**  
I will be creating two versions of the application one for individuals and one for small businesses. The one for Individuals will allow users to use the application for free with ad space and a 100-item limit. Users can purchase a paid version to remove the ads and the 100-item limit on their accounts. For businesses, I will offer them the whole application with the ability for users to log in and help manage their business inventory. They will have to pay a much higher fee based on a number of users or a reoccurring subscription cost.