

Create a beginner lesson for coding an app that tracks inventory of various products using Thunkable on a chromebook for middle school students. Include video tutorial links.

Introduction

Hello students! In this lesson, you will learn how to create an app that tracks inventory of various products. We will be using Thunkable, which is an online platform for building apps on a Chromebook. Ready to get started? Let's dive in!

Step 1: Selecting the Platform

First, you'll need to select the platform you're going to use: iOS or Android. After you select the platform, log into the Thunkable website (<https://thinkable.com/>) and click the "Create New App" button.

Step 2: Setting up the App

Now that we have our new app, let's set it up. We'll start by creating the app's user interface (UI), which is critical in ensuring that the app looks good while its users interact with it. To do this, you'll want to drag-and-drop different app elements such as containers, buttons, and text boxes to your page. Here is a helpful video guide (<https://www.youtube.com/watch?v=Lr8BJ3q3jKg>) that can walk you through setting up an app UI on Thunkable.

Step 3: Adding Functionality

Now that we have our app's look and feel set up, it's time to add functionality. This is achieved by using "blocks", which are code components written in a language called App Inventor. To create the functionality that allows our app to track inventory, you'll need to drag-and-drop a few different blocks for each product. Here's a great video tutorial (<https://www.youtube.com/watch?v=yQjohMkGqaQ>) that will help you learn how to incorporate basic blocks into your app.

Step 4: Testing the App

Once you've finished adding your blocks and setting up the app, it's time to test your work. Click the "Test" button in Thunkable, and the app should open in an emulator. This will let you see how the app looks and functions and make adjustments accordingly.

Conclusion

Congratulations! You've now created an app that tracks your inventory of various products with Thunkable on a Chromebook. With practice, you'll be creating more complex apps in no time. Happy coding!