

The Bike Kollektive

The Bike Sharing App

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CS 467 Capstone
Project Archive - Final, Installation Instructions
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1. Download Android Studio <https://developer.android.com/studio>
2. Go to “Virtual Device Manager” by clicking on the vertical ellipsis at the top right corner as shown below

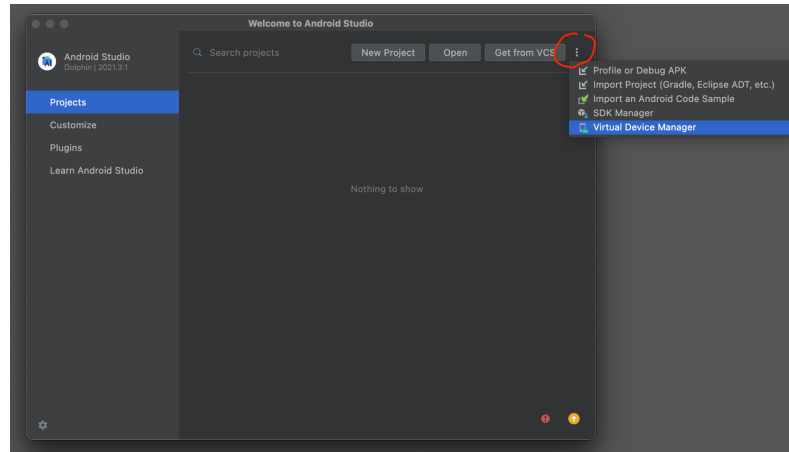


Fig. 1. Click “Virtual Device Manager”

3. Click on “Create Device”

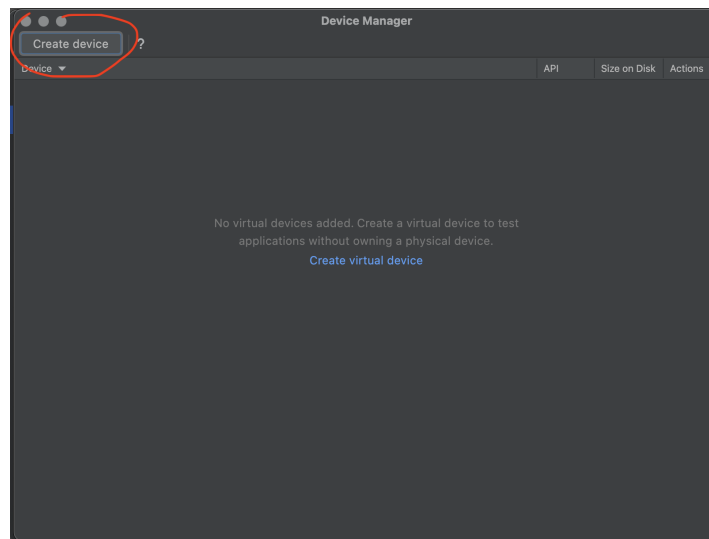


Fig. 2. Click on “Create device” button in the top left corner

4. Choose “Pixel XL API 32” (our app’s target SDK level is 31, so the emulator’s API level needs to be at least 31 or above). Click next, next, and then finish.

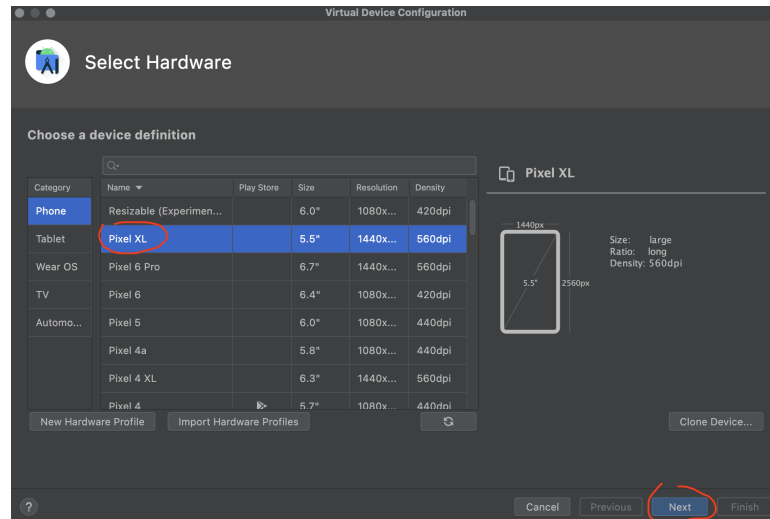


Fig. 3. Choose Pixel XL API 32

5. Click on “Cold Boot Now”

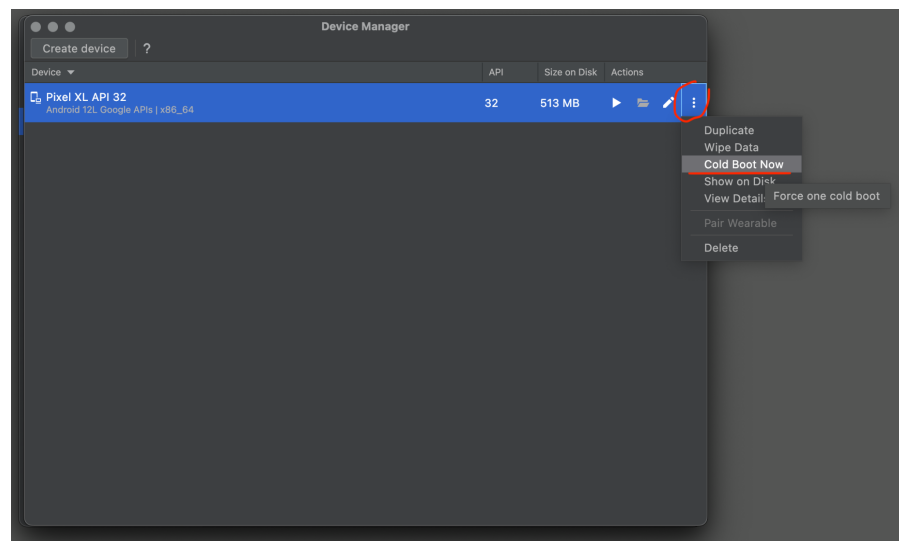


Fig. 4. Click on the ellipsis and select “Cold Boot Now”

6. Drag and drop the apk file (from our submitted zip folder)
7. Navigate to the apps, Click on the app icon and run

Note: Make sure you have Wifi on the android emulator otherwise it will not work.

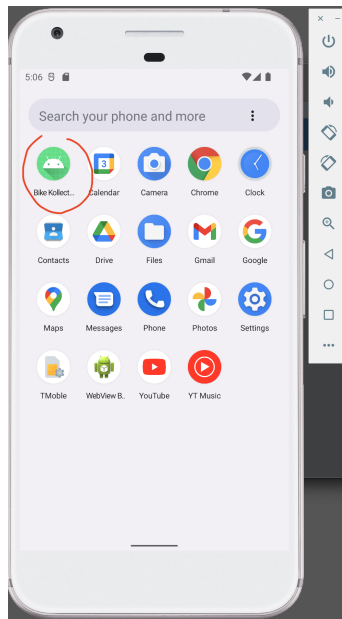


Fig. 5. Click on the green Android button to run the app

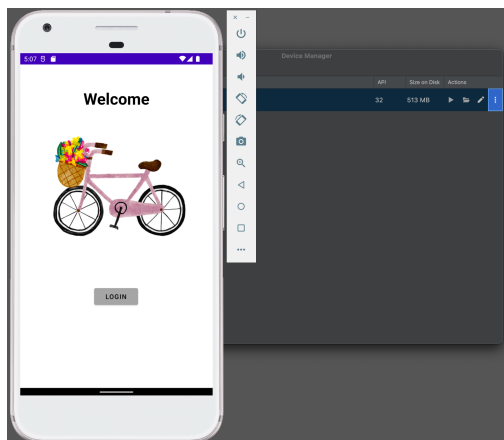


Fig. 6. Bike Kollective app

Alternative method:

<https://stackoverflow.com/questions/3480201/how-do-you-install-an-apk-file-in-the-android-emulator>