SET UP MOBILE APPLICATION ENVIRONMENT

CREATE AN ANDROID APPLICATION

That contains a list of items .This is a very basic android application that contains a list of items. It is not very exciting, but itdoes the job.

That search and display the list of all the songs stored in the phone This can be done by using the MediaStore.Audio.Media.EXTERNAL_CONTENT_URI content URI.This will return all audio files from the external storage (which is typically the SD card).

To control a device remotely This application would allow you toremotely control a device.

For the following Design an Android app that tracks the user'ssleep and provides feedback on how to improve their sleep quality.The app should be able to track the user's sleep patterns, includingthe time they go to bed, the time they wake up, and the time theyspend awake during the night. It should also provide the user with information on how to improve their sleep quality, such as by

avoiding caffeine before bed, establishing a regular sleep schedule, oravoiding screen time before bed.

Which can show the current location(latitude and longitude) on a map There are a number of ways to do this, but one option would be to use the Google Maps Android API. With this API, you can add a"My Location" layer to your map which will display the user's current location on the map.

Which can read the bar code There are many barcode readingapps available on the Google Play Store. Some of our favorites include Barcode Scanner+, QR Code Reader by Scan, and QR CodeReader & Barcode Scanner by BeeTagg.

STEPS:

1. Open Android Studio.

2. In the Welcome to Android Studio dialog, click Start a newAndroid Studio project.

3. Select Basic Activity (not the default)

4. Give your application a name such as My First App.

5. Make sure the Language is set to Java.

6. Leave the defaults for the other fields.

7. Click Finish.