

IERG3842 Mobile Network Application Development Project (Spring 2024)

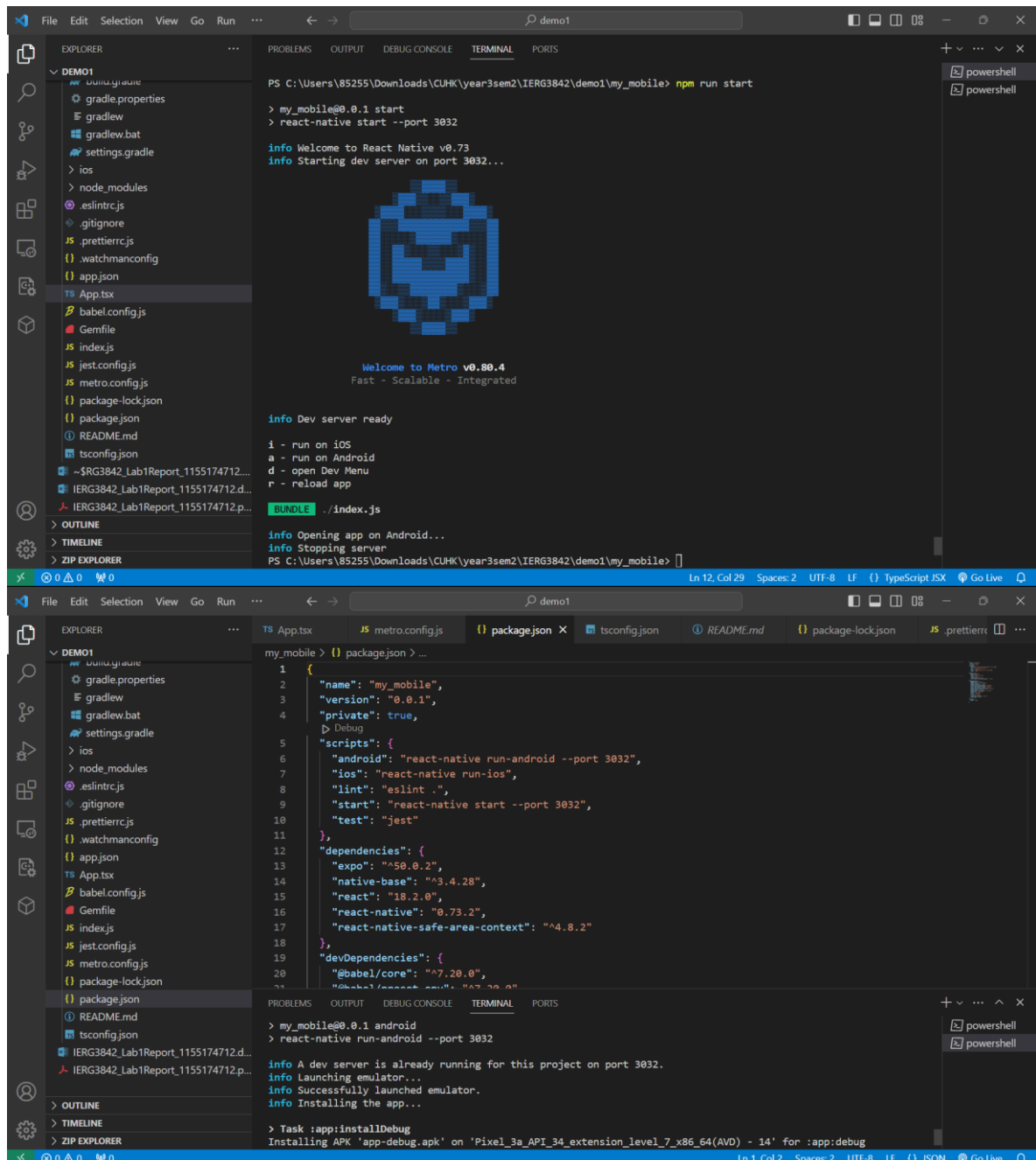
Lab 1 Report

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Start the application:

Screenshot(s) for the terminal:



The first screenshot shows the terminal output after running `npm run start` in the `demo1` directory. The output includes the Metro bundler logo and the message "Welcome to Metro v0.80.4". The terminal also shows the dev server starting on port 3032 and the application opening on Android.

```
PS C:\Users\85255\Downloads\CUHK\year3sem2\IERG3842\demo1\my_mobile> npm run start

> my_mobile@0.0.1 start
> react-native start --port 3032

info Welcome to React Native v0.73
info Starting dev server on port 3032...

Welcome to Metro v0.80.4
Fast · Scalable · Integrated

info Dev server ready

i - run on iOS
a - run on Android
d - open Dev Menu
r - reload app

BUNDLE ./index.js

info Opening app on Android...
info Stopping server
PS C:\Users\85255\Downloads\CUHK\year3sem2\IERG3842\demo1\my_mobile>
```

The second screenshot shows the `package.json` file for the `my_mobile` project. The file contains the project name, version, private flag, scripts, dependencies, and devDependencies.

```
1 {
2   "name": "my_mobile",
3   "version": "0.0.1",
4   "private": true,
5   "scripts": {
6     "android": "react-native run-android --port 3032",
7     "ios": "react-native run-ios",
8     "lint": "eslint .",
9     "start": "react-native start --port 3032",
10    "test": "jest"
11  },
12  "dependencies": {
13    "expo": "^50.0.2",
14    "native-base": "^3.4.28",
15    "react": "18.2.0",
16    "react-native": "0.73.2",
17    "react-native-safe-area-context": "^4.8.2"
18  },
19  "devDependencies": {
20    "@babel/core": "^7.20.0",
21    "@babel/preset-expo": "^9.1.0"
22  }
23 }
```

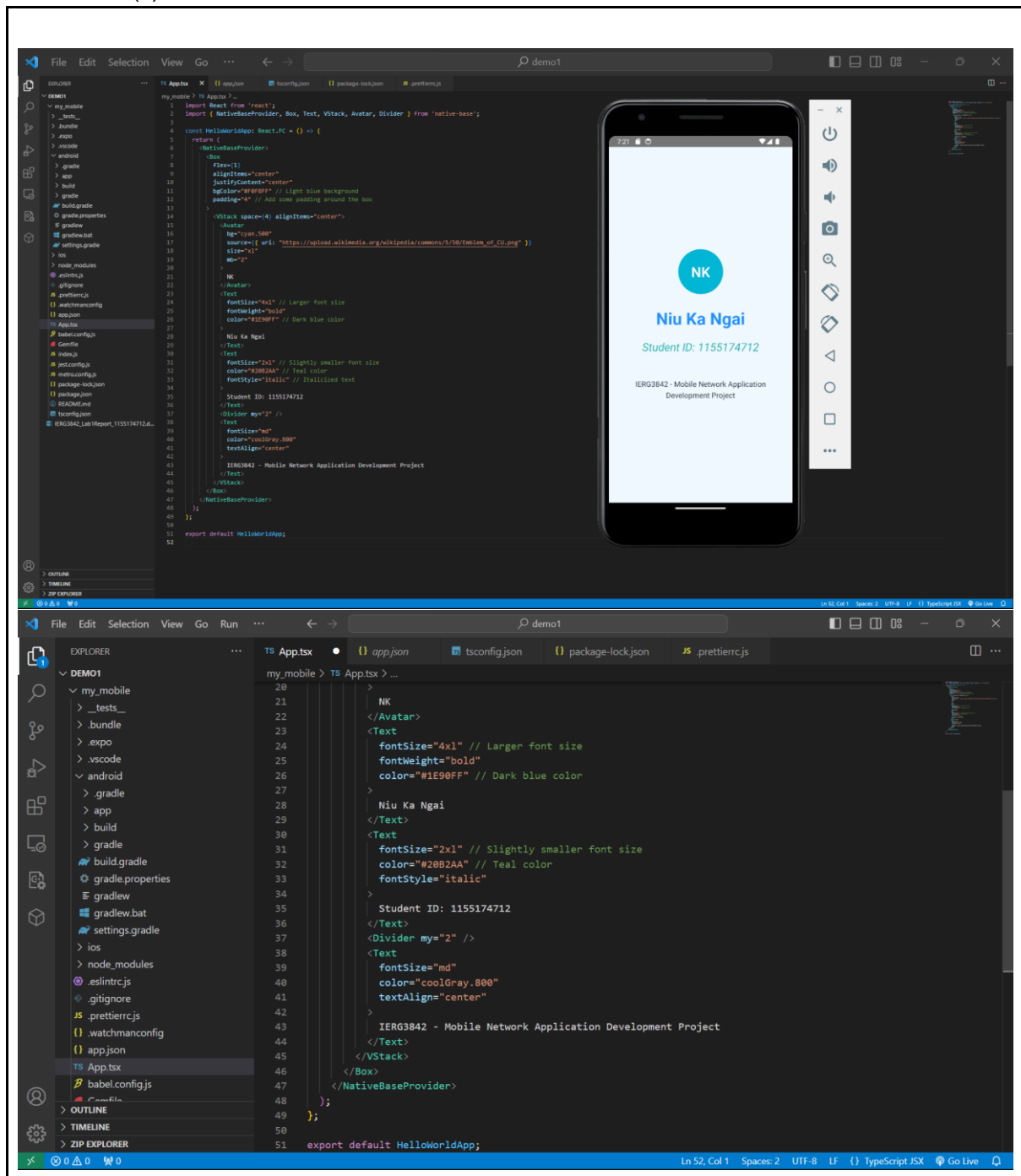
The terminal output below the file shows the command `react-native run-android --port 3032` being executed, followed by messages indicating that the dev server is already running, the emulator is being launched, and the app is being installed.

```
> my_mobile@0.0.1 android
> react-native run-android --port 3032

info A dev server is already running for this project on port 3032.
info Launching emulator...
info Successfully launched emulator.
info Installing the app...

Task :app:installDebug
Installing APK 'app-debug.apk' on 'Pixel_3a_API_34_extension_level_7_x86_64(AVD) - 14' for :app:debug
```

App.tsx (show your student information clearly):
Screenshot(s) for the VSCode:



Mobile service:

Screenshot(s) for the emulator:

