Lab1 – Guidelines

1. System Requirements:

OS: Windows 11 10.0.22631

CPU: (8) x64 11th Gen Intel(R) Core(TM) i5-1155G7 @ 2.50GHz

Memory: 778.96 MB / 15.71 GB

1. Installation instructions:

Node.js: Installed on the first class.

JDK: Installed on the class.

Android SDK: Installed on 26th, May.

1. Configuration steps:

3-1. Make sure the name and version of tools are correct and applied in Android Studio exe file.

3-2. Configure environment variables by windows control panel. Create and set the right path.

1. Project creation:

4-1. Open terminal (cmd).

4-2. Create a new project: npx react-native init IncredibleTodoListApp

4-3. Change the directory to the new project: cd IncredibleTodoListApp

4-4. Start the development server to run the project: npx react-native run-android/run-ios

1. Running the project:

5-1. Make sure your project is compatible with the selected API level.

5-2. Once you have selected the desired virtual device, click on the "Run App" button (the green arrow icon) located at the top toolbar of Android Studio.

5-3. Android Studio will build your project and deploy it to the selected virtual device. The emulator will appear on your screen and start running your app.

5-4. You can interact with the emulator just like with a physical device. Test your app to check for any bugs or issues.

5-5. To stop the emulator, click on the "Stop" button in the emulator window or click on the "Stop" button in the toolbar of Android Studio.

1. Troubleshooting:

This session will be updated in the future.

1. Resources:

React Native Official Website: <https://reactnative.dev/>