Lab Assignment 1: Spinning Up React Native App Guidelines

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System Requirements:

The system would require at least a minimum of 64-bit processor, 4 GB or more of ram, and more than 30 GB of storage space and lastly must be on windows 10 or above.

Installation Instructions:

First step is installing all the require applications stating with node.js, JDK and android studio. Next step is another installing but through a command React Native CLI using a command in vscode “npm install -g react-native-cli”.

Configuration Steps:

For configuration all the paths have to be set such as the java\_home and android\_home is the most important.

Project Creation:

First step is to pick a location for the file and do cd “location of the file” next would be creating the project npx react-native init “name of the file”

Running the Project:

You can run the project two ways the first way is from the project directory npx react-native start, and the second way is using the android emulator npx react-native run-android

Troubleshooting:

The one main trouble had when setting things up was the android emulator, with some installation problem which led me to reinstall for it to work.

Resources:

<https://nodejs.org/en/>

<https://www.oracle.com/java/technologies/downloads/>

<https://reactnative.dev/docs/environment-setup?guide=native>

<https://www.youtube.com/watch?v=1_WXNvK_tjs&ab_channel=SaumyaNayak>