# **Guidelines**

**(Note: Due to I am a beginning learner, all of the document messages are focusing on Expo go not React Native CLI.)**

**1,System requirements:**

1. CPU: 64 bit processor
2. RAM: 16GB
3. Operating System: Windows10 or higher
4. Node.js: Version v18.17.1
5. npm: Version 6 or later

**2,Installation instructions:**

1. Node.js and npm
2. Download the Windows Installer from NodeJs official website. I have downloaded the v18.17.1 version of Node Js. It includes the NPM package manager. Install it with a double-click on it.
3. After installation, open a command prompt and run the following commands to verify the installation:node - v and npm - v.
4. Expo
5. In the node.js command prompt, first step run the command: npm install expo.
6. In the node.js command prompt, after first step then run the command: npm install -g npm

**3,Configuration steps:**

1. Make sure everything you install or create is in the local disk not in the OneDrive.

**4,Project creation:**

1. Open the VS code and open a new terminal, use command ‘cd’ to locate to the folder , then run the command:npx create-expo-app Todolistapp, to create the app.
2. Then open the folder in VS code and click ‘App.js’, and then you can code in this page to create a app that you like.
3. Use command ‘cd Todolistapp’ to locate in the exact app, and then run command: npx expo start. It will show you a QR code.

**5,Running the project:**

1. Install the Expo Go app on your iOS or Android phone.
2. Make sure your phone connect to the same wireless network as your computer.
3. Mine is IOS. On iOS, use the built-in QR code scanner of the default iOS Camera app to scan the QR code which produced in project creation step.
4. For Android, use the Expo Go app to scan the QR code from your terminal to open your project.
5. The react Native app will be loaded and displayed on the phone.

**6,Troubleshooting:**

If you encounter any issues during setup or development, refer to the official React Native troubleshooting guide:

<https://reactnative.dev/docs/environment-setup#troubleshooting>

**7,Resources:**

Links to additional resources and documentation that can be used for reference and further learning:

1. <https://reactnative.dev/docs/getting-started>
2. <https://docs.expo.dev/>
3. <https://forums.expo.dev/>
4. <https://stackoverflow.com/questions/tagged/react-native>