# Instructions on Running Software

The Inventory Application is an application developed using React Native with Expo. As a result, a few tools need to be installed on your machine to run the application.

## Requirements

To be able to run and use Expo, one would need the following tools installed on their machine:

* **Node.js LTS release:** Node.js can be installed through their website (‘https://nodejs.org/en/’). The LTS versions are recommended for running Expo.
* **Git:** Git is required to clone the repository from GitHub.
* **Expo Go:** The Expo Go app can be installed from the App Store (iOS) or Google Play (Android).

## Cloning the Project

This step is for those who do not have a zipped folder for the project. However, it is recommended to always clone the repository from GitHub for the latest version of the application.

To clone the repository, the user will be able to with the following command using Git on a terminal:

git clone https://github.com/TrueKarter/InventoryApp.git

## Navigate to the Project Directory

After cloning the repository, the user will have to navigate to the project’s directory. They will be able to do so with the following command on the terminal:

cd .\InventoryApp\

## Installing Expo

While in the project’s root directory, the user will have to install Expo with the following command on the terminal:

npm install expo

## Starting the Server

After installing expo, the user can start the server using the following command on the terminal:

npx expo start

## Opening the App

Starting the server generates a QR code the user can use to access the application.

On Android, you can open the Expo Go app and scan the QR code. On iOS, the user can use their camera application and scan the QR code, and it will redirect the user to an open Inventory Application.

Alternatively, the user has the option to run the application on an Android emulator. An Android emulator can be used through a virtual device manager, such as one found on Android Studio. While having the virtual device open, the user presses ‘a’ on the terminal that started the application’s server to open the app on the emulator.