

Instructions

Expo Go:

The application can be accessed through the following link:

<https://expo.dev/@bb222mf/waryTraveller?serviceType=classic&distribution=expo-go>

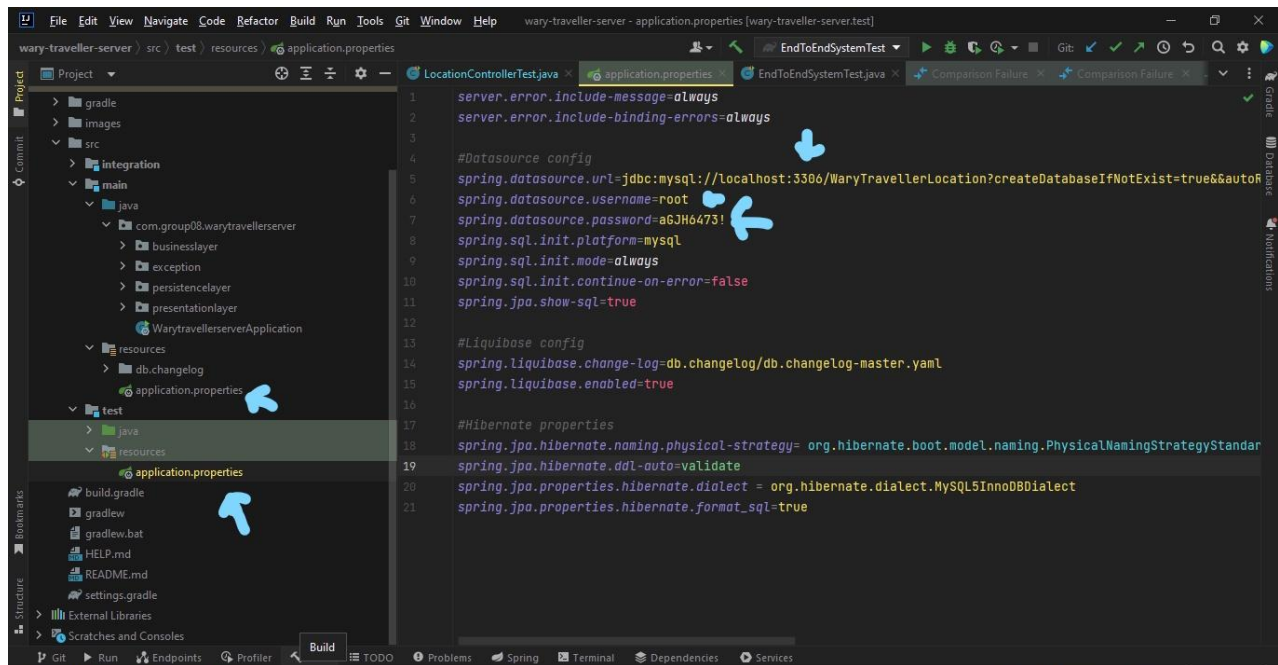
In case the attempt fails follow the instructions below.

Requirements - Dependencies:

- Java 17 and later
- Latest MySQL
- Latest Node.js
- Expo latest version

It is highly recommended that the backend server is run using IntelliJ to avoid any errors due to the fact that it needs no further configurations to run Java programs contrary to VSCode. (For the front end we use VSCode and for the backend IntelliJ)

Server Setup Instructions and Execution:



As seen in the image above inside the 2 **application.properties** files you must change **username**, **password** and **port number** to the ones specific for your mysql server. Gradle should automatically download all dependencies when the build is run for the first time. The server can be started from the **WarytravellerserverApplication** class inside main. When you run the test or modify the database for whatever reason and you want to start the server again you might need to first drop the database schema.

Client Setup and execution Instructions:

1. Update the IP address used, with local machines IP address. The **constant.js** should be edited.

```
/* constants.js > ...  
 2 // replace this with your own ip address  
 1 const ServerUrl = "http://192.168.1.4:8080/location/";  
 3  
 1 export default ServerUrl;
```

2. Install required dependencies through package manager **npm install --legacy-peer-deps**.

```
hello@CC > npm install --legacy-peer-deps ~/Study/Project/avocado  
  
up to date, audited 1056 packages in 2s  
  
57 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities  
hello@CC > ~/Study/Project/avocado
```

3. Run the program using **npm start**.

```
jello@CC > npm start

> wary@1.0.0 start
> expo start

WARNING: expo-cli has not yet been tested against Node.js v18.1.0.
If you encounter any issues, please report them to https://github.com/expo/expo-cli/issues

expo-cli supports following Node.js versions:
* >=12.13.0 <15.0.0 (Maintenance LTS)
* >=16.0.0 <17.0.0 (Active LTS)

Starting project at /home/jello/Study/Project/avocado
Developer tools running on http://localhost:19002
Starting Metro Bundler



> Metro waiting on exp://192.168.43.202:19000
> Scan the QR code above with Expo Go (Android) or the Camera app (iOS)

> Press a | open Android
> Press w | open web

> Press r | reload app
> Press m | toggle menu
> Press d | show developer tools
> shift+d | toggle auto opening developer tools on startup (disabled)

> Press ? | show all commands

Logs for your project will appear below. Press Ctrl+C to exit.
Started Metro Bundler
```

4. Choose from the provided options on screen. It may include:

- a. **i** for IOS device emulator
- b. **a** for Android device emulator
- c. **w** to open on web browser

Additionally, the app can be run on a physical device through the expo app (available on Play Store and App Store) on the respective platform.

5. After selecting the preferred platform to execute on, due to emulator behaviors, the user might need to reload the application using the '**r**' flag suggested on

screen.

```
> Press ? | show all commands

Logs for your project will appear below. Press Ctrl+C to exit
Started Metro Bundler
> Opening on Android...
> Opening exp://192.168.43.202:19000 on Pixel_5_API_30_2
> Press ? | show all commands
> Reloading apps
Android Bundling complete 5772ms
Android Running app on Android SDt built for x86
█
```

6. Successful completion of the above mentioned steps should yield a “Bundling complete” message.