

A3 - Instructions to run

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1. To Correct Directory

cd assignment3 to go to the project directory

2. npm

Run `npm install` to install all the dependencies

If npm install still requiring extra packages: run the following as single line command:

```
npm install express mongoose body-parser firebase-admin cors socket.io  
@google-cloud/translate @google-cloud/text-to-speech @google/generative-ai
```

3. Angular Install

Run `npm install -g @angular/cli` to install angular cli4.

Run `npm install bootstrap` and `npm install @ng-bootstrap/ng-bootstrap`

if UI not working properly and check dependency in angular.json, ensuring the styles looks like this:

```
"styles": [ "src/styles.css", "node_modules/bootstrap/dist/css/bootstrap.min.css" ]
```

5. `ng build --watch`

To build the project and watch for changes

6. cd backend

Go to the backend directory then run 7.

7. nodemon server.js

Run the server and watch for changes

8. Notes that the following code will run once everything the server is running.

If Mac User please change the path to the service-account-file.json in the server.js file to use

`export GOOGLE_APPLICATION_CREDENTIALS=service-account-file.json`

Else this will be executed automatically:

```
if (isLocal) {  
  // Local path  
  process.env.GOOGLE_APPLICATION_CREDENTIALS = path.join(__dirname,  
  else {  
    // VM path  
    process.env.GOOGLE_APPLICATION_CREDENTIALS = path.join(__dirname,
```