Application is made of two separate modules that communicate with each other:

* frontend
* backend

# Frontend

Before building the frontend application we need to configure the backend application url (so it can communicate with it). The url is located in: “ProjectRepository/frontend/src/environments/environment.prod.ts” – need to change the “url” variable.

Next step to build the application, we need the required tools:

* nodejs – can download it here <https://nodejs.org/en/download/>

After the tools instalating open the cmd in directory: “ProjectRepository/frontend” and type in:

* npm install (to install required dependencies, may take a while)
* npm run-script build -- --prod --base-href=/app/ --output-path=./../FarmOrder/app --delete-output-path=false (outcome of the build should be in the correct folder)

To run the application locally go to “ProjectRepository/frontend” and after installing required packages, just type:

* npm start

# Backend

After preparation of the frontend, backend can be launched. Keep in mind, that if backend is built in the “Debug” configuration it will redirect the page to the swagger documentation. If its built in “Release” configuration, it will redirect the user to the “/app/” folder where the fronted was copied.