

Guide to Setting Up the Backend:

1. Install the pre-requisites for the project:
 - Golang (<https://go.dev/doc/install>)
 - Docker (<https://www.docker.com/products/docker-desktop/>)
 - Make (Optional)
(<https://leangaurav.medium.com/how-to-setup-install-gnu-make-on-windows-324480f1da69>)
2. Open terminal in the project root directory (the-phonebook-backend)
3. Run either one of these command to install the dependencies:
 - go mod download
 - go mod tidy
4. If you have Make installed you can run these command in the terminal:
 - make postgresinit
 - make postgres
 - make createdb
 - make migrateup

If you didn't install Make, you can run these command in the terminal:

 - docker run --name postgres15 -p 5433:543 -e POSTGRES_USER=root -e POSTGRES_PASSWORD=admin -d postgres:15-alpine
 - docker exec -it postgres15 psql
 - docker exec -it postgres15 createdb --username=root --owner=root the-phonebook
 - migrate -path db/migrations -database 'postgres://root:password@localhost:5433/the-phonebook?sslmode=disable' --verbose up
5. Run (go run cmd/main.go) to start the backend server.
6. If set up properly, then the backend will start at localhost:8080.

Guide to Setting Up the Frontend:

1. Install the pre-requisites for the project:
2. Open terminal in the project root directory (auth-frontend)
3. Run (npm install) to install the project's dependencies
4. Run (npm start) to run the frontend
5. If set up properly, then the backend will start at localhost:3000