

Honza2Scale

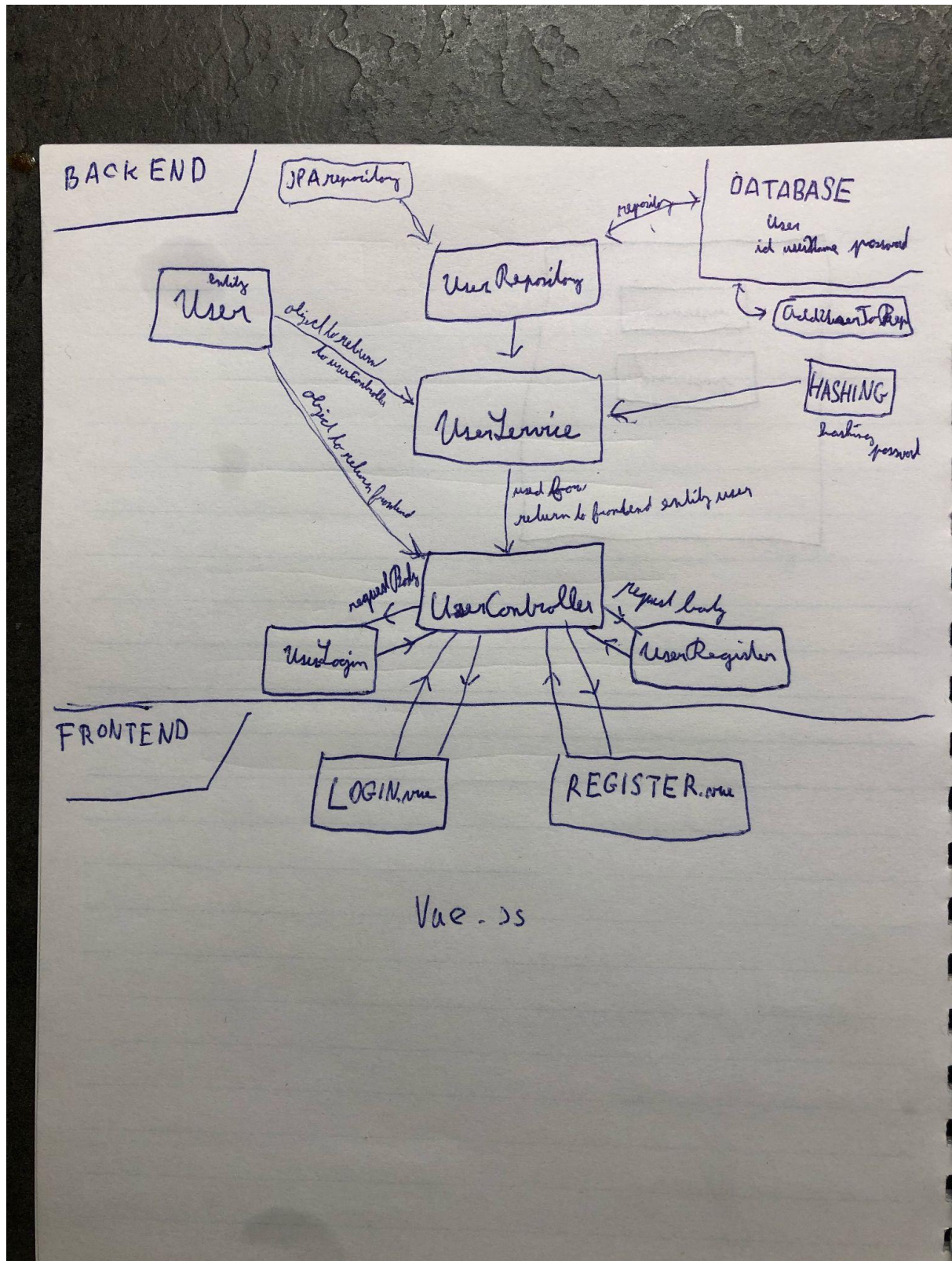
Manual for programmers

Schemas	2
Backend	5
Some important classes in backend	5
UserController.java	5
User.java	5
UserService.java	5
Frontend	5
Some important classes in frontend	5
App.vue	5
Login.vue	5
Registry.vue	5
Backend & Frontend communication	6
Database	6

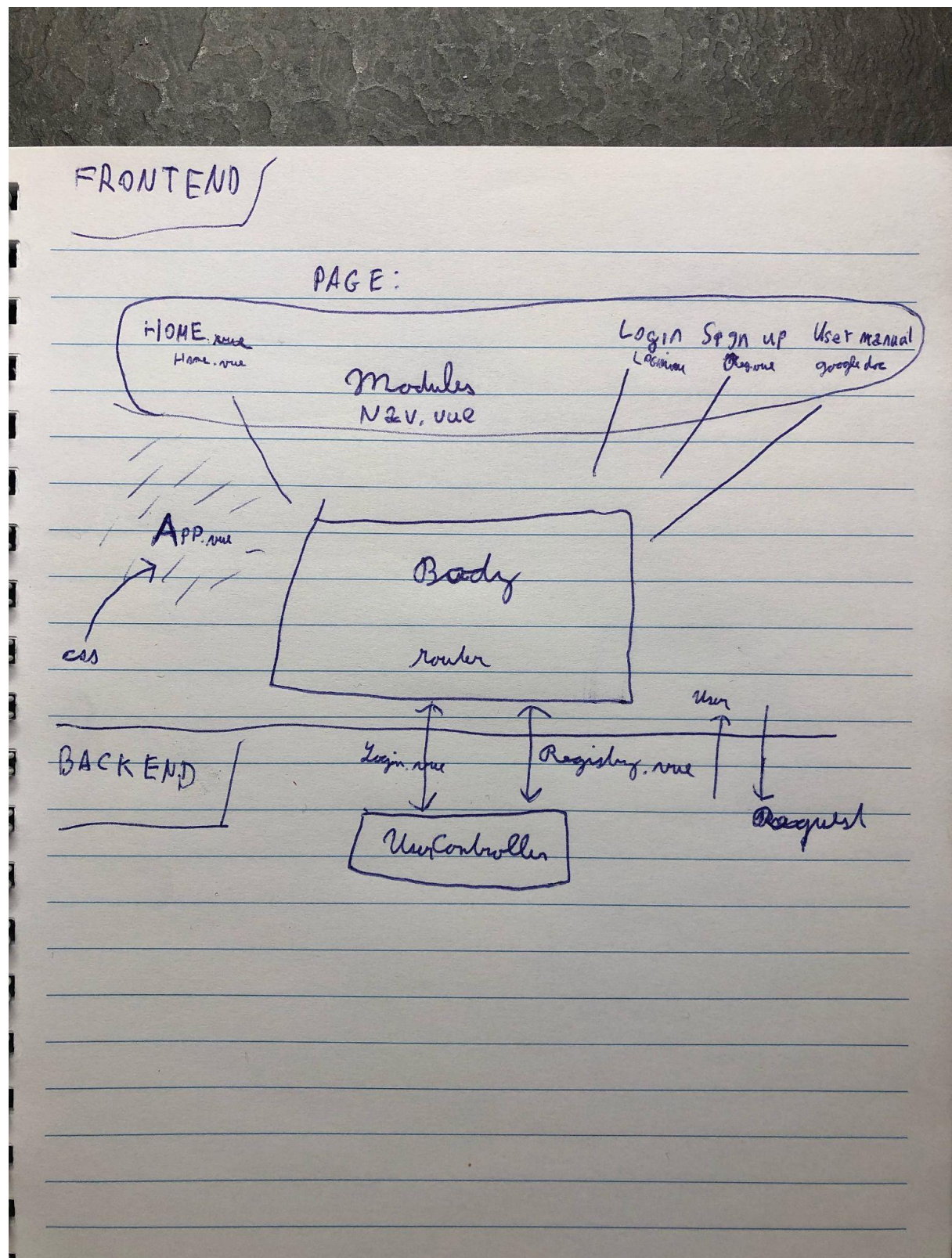
Schemas

These schemas show a construction of the project.

Backend



Frontend



Backend

Backend has Spring Framework and he is used to search and create users in the database.

Some important classes in backend

UserController.java

This controller is the only one controller for communication with a frontend. He is trying to put requests from frontend to UserLogin and UserRegistry and he uses entity User for returns.

User.java

It's the only one entity used in the project. This entity is for manipulating a user table from the database and also it is send by rest api to the frontend.

UserService.java

User service is using User entity, UserRepository and Hashing for manipulating the database and she is returning Users to UserController.

Frontend

Frontend use Vue Javascript Framework for the user interface

Some important classes in frontend

App.vue

The main .vue. There are .css styles for user interface. There is a router-view and Nav component (Nav is for navigation between individual modules).

Login.vue

One of two frontend classes for communication with the backend. In the router body are properties which are added to the request for the backend.

Registry.vue

Is the second one class for communication with the backend. In routers body are properties which are sent to the database.

Backend & Frontend communication

Communication between backend and frontend do 3 files. UserController.java vs Login.vue and Register.vue. Vues are sending requests and the controller is sending back them object User.

Database

Database is configured in **application.properties**.

Backend works with table **user** with columns:

id

Primary Key, Not Null, Auto Incremental
BIGINT

userName

Not Null, UNIQUE INDEX
VARCHAR 255

password

Not Null
VARCHAR 255