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CSCI-201

Dec 8, 2021

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CSCI-201 Final Project Deployment Document

Front-End

Step 0:

- Export colorly (the front-end code) and navigate into the folder

Step 1:

- Make sure you have NodeJS 16.13.1 installed. If not, you need to download NodeJS through the following tutorial:

    - https://phoenixnap.com/kb/install-node-js-npm-on-windows

- After successful installation, npm should be runnable with the command `$ npm` .

Step 2:

- Install all the front-end dependencies:

    `$ npm install --force`

Step 3:

- cd into the project directory. In the command line windows, run:

    `$ npm run serve`

    to start the project

Step 4:

- open your browser and enter the link:

    `http://localhost:8080/`

Back-End

Step 0:

- Export colorly-backend and navigate into the folder

Step 1:

- Import the MYSQL database by running mysql (probably `mysql -u root`) and executing

```
CREATE DATABASE colorly_db;

USE colorly_db;

SOURCE database.sql;
```

Step 2:

- Create a `.env` file with the Colorly database username and password:

```
# .env

SPRING_DATASOURCE_URL=jdbc:mysql://127.0.0.1:3306/colorly_db

SPRING_DATASOURCE_USERNAME=#some_username

SPRING_DATASOURCE_PASSWORD=#some_password
```

Step 3:

- Load the environment variables by running

```
export $(cat .env | xargs)
```

Step 4:

- Start the backend

```
mvn clean spring-boot:run
```