Setup and Maintenance

Repository

URL: https://gitlab.com/wgu-gitlab-environment/student-repos/andreikusakin/d424-software-engineering-capstone/-/tree/working?ref_type=heads

Follow the steps below to set up and run VisionVault on your local machine for development and maintenance purposes:

1. Get the Project

Clone the repository using Git:

```
git clone git@gitlab.com:wgu-gitlab-environment/student-repos/andreikusakin/
d424-software-engineering-capstone.git
```

2. Set Up the Database

Open the application.properties file found in the src/main/resources directory and update the following fields with your Postgres database details:

```
spring.datasource.url=<your-database-url>
spring.datasource.username=<your-database-username>
spring.datasource.password=<your-database-password>
```

3. Install npm and mvn

You need npm (Node Package Manager) for the front-end and Maven (mvn) for the back-end. If you don't have these installed, you can do it with Homebrew by running:

```
brew install npm mvn
```

4. Install Front-End Dependencies

Navigate to the root of the project folder and install the necessary Node.js dependencies for the front-end by running:

```
npm i ./src/main/UI/
```

5. Build the Project

Still from the root of the project folder, build the project with Maven by running:

    mvn package

6. Start the Server

Start the Spring Boot server by running:

    mvn spring-boot:run

7. Start the Client

Finally, navigate to the front-end directory and start the React client by running:

    cd ./src/main/UI/
    npm run start

Now VisionVault should be up and running on your local machine. Please ensure the server and client are running for the application to function correctly. Repeat the build and start steps as necessary for any modifications or updates.