Image cropper dashboard

Task1

input	process	output

Start

1. Read image from files

2. Request the image

3. select image

4. take the image

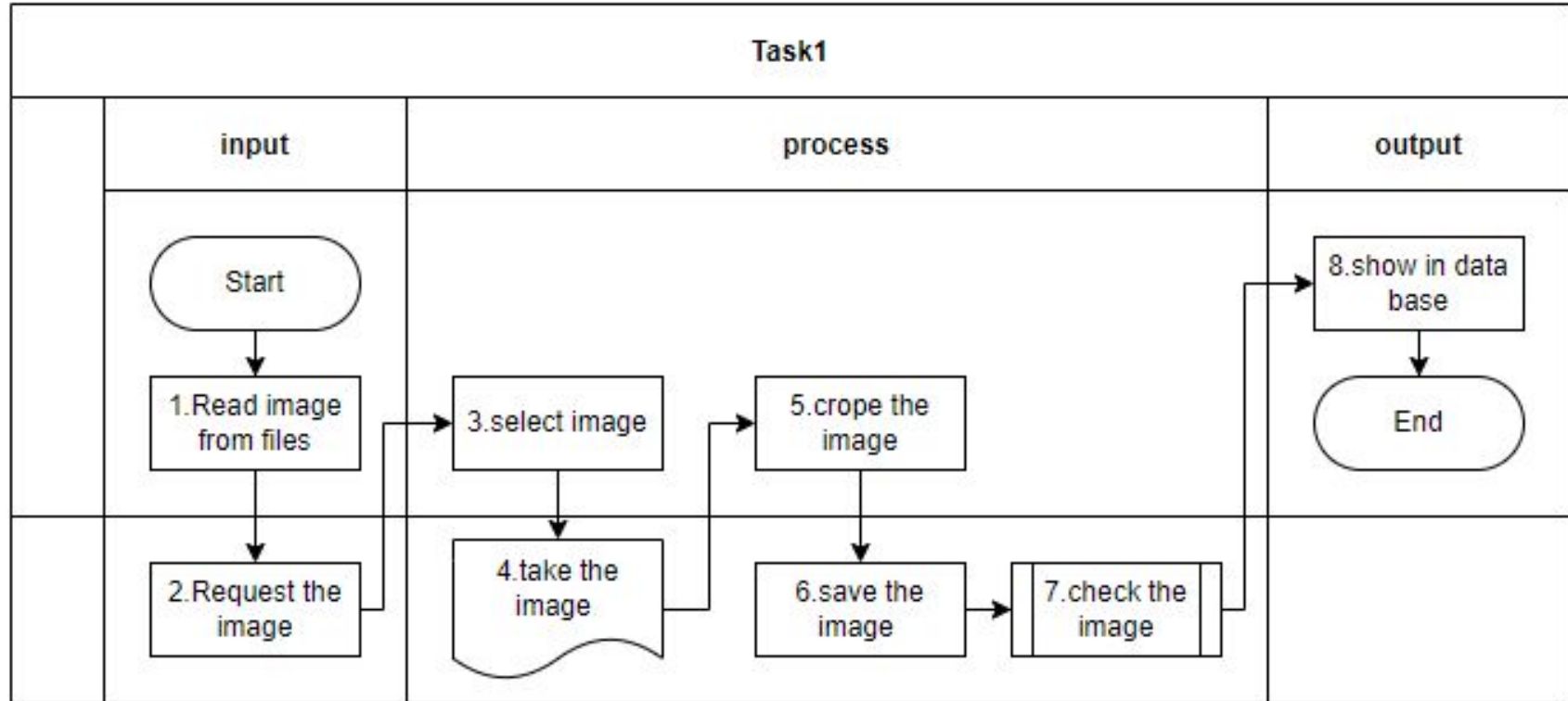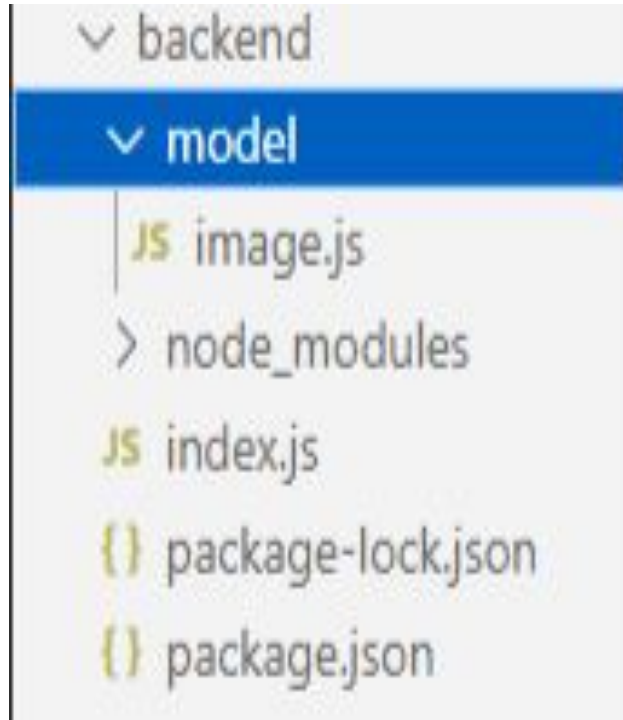5. crope the image

6. save the image

7. check the image

8. show in data base

End

Libraries used (MERN)

```
"@emotion/react": "^11.10.4"--for NAVBAR
"@emotion/styled": "^11.10.4"--for NAVBAR
"@mui/material": "^5.10.4"--for NAVBAR
"axios": "^0.27.2",--To post the frontend data to Express
"react-image-crop": "8.6.12",--To crop the image
"react-router-dom": "^6.3.0",-- For Routing
"cors": "^2.8.5",-- For browser cross origin policy
"express": "^4.18.1",-- To Take the frontend data send by axios
"moongose": "^1.0.0",-- To connect with Mongodb database
```
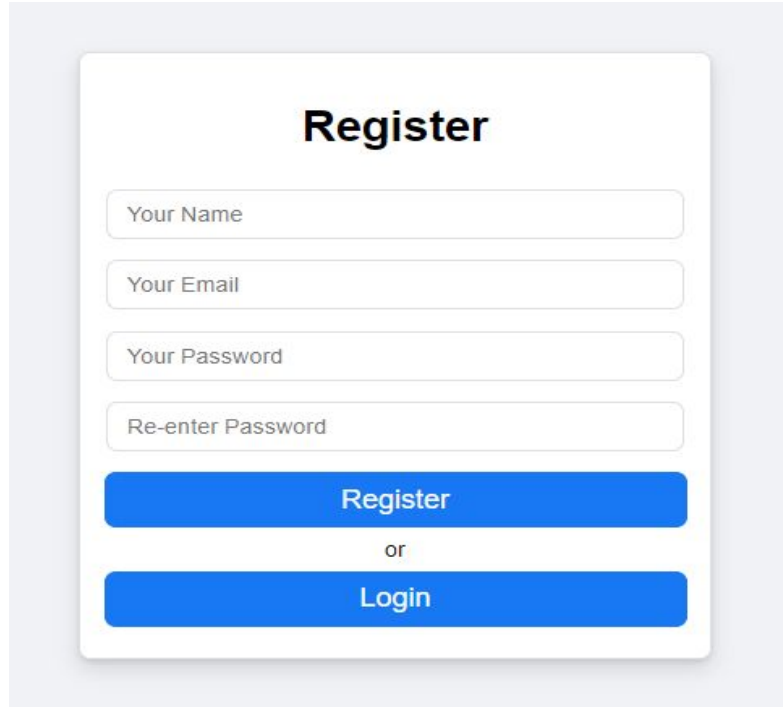
Backend file structure

- ∨ backend
  - ∨ model
    - JS image.js
  - › node_modules
  - JS index.js
  - {} package-lock.json
  - {} package.json

Frontend file Structure

- ∨ frontend
  - › node_modules
  - › public
  - ∨ src
    - › components
    - # App.css
    - JS App.js
    - JS App.test.js
    - # index.css
    - JS index.js
    - ⬡ logo.svg
    - JS reportWebVitals.js
    - JS setupTests.js
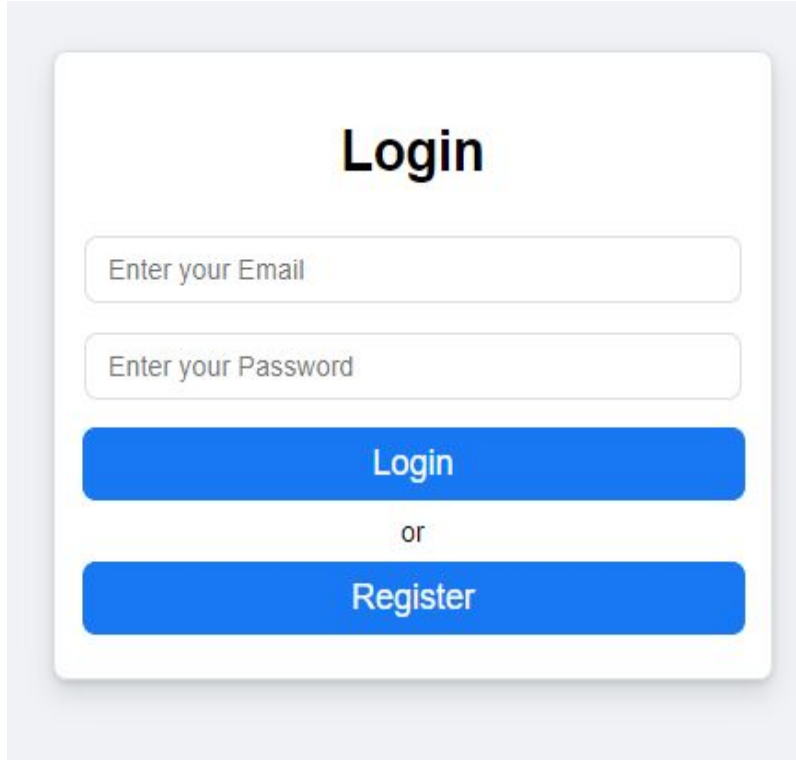 - {} package-lock.json
  - {} package.json
  - ⓘ README.md

Register page

User will signup using this page ,
- In the backend ,index.js file user schema is written based on it it will take inputs from the user and saves the input in the mongodb by POST method.
- In the frontend, Register.js is written components folder which contains axios to post the data
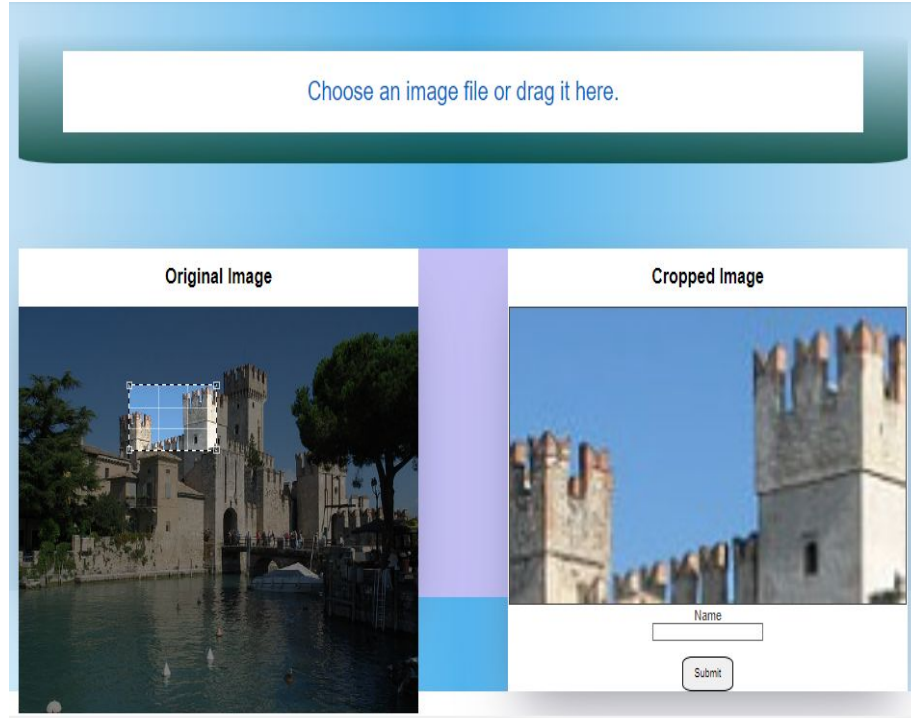
Login Page

User Login Page:
- In Frontend ,Login page is written in components and connected with backend using axios.
- In Backend query is written in index.js file

Image Cropper

Frontend :
- In components/ImageCropper, index.js file contains Code for cropping the image , we have used react default library named React-image-crop which takes the image for cropping.
- As well as Upload file is present in same components folder which contains the code to call the image cropper and usestate,axios functions to post the data to the backend.

Backend:
- Image upload schema is written in models folder to store the image with name

Thank you