Research Paper Repo

CS 6000-007 Masters Project

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User Manual

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Installation Manual

- ➢ To complete necessary installations,
- ➢ Install node → https://nodejs.org/en/download
- ➢ Download Python → https://www.python.org/downloads/
- ➢ Download the code from the GitHub repository → https://github.com/ResearchPaperRepo/Publications
- ➢ The overview of directories is as follows:
    - The publications-master folder has three folders Frontend, Backend, and Parser.
- ➢ Open the publications-master folder in VSCode
- ➢ Open the terminal/command prompt in VScode or any other editor.
    - ➔ Change the directory to Backend from the root directory (publications-master) using the command
        - ◆ ***cd Backend***
    - ➔ Run the following command to install the required dependencies
        - ◆ ***npm install***
    - ➔ Go back to the project's root directory(publications-master)
        - ◆ ***cd ..***
    - ➔ Change the directory to Frondend
        - ◆ ***cd Frondend***
    - ➔ Run the command to install dependencies
        - ◆ ***npm install***
    - ➔ Go back to the project's root directory(publications-master)
        - ◆ ***cd ..***
    - ➔ Change the directory to Parser
        - ◆ ***cd Parser***
    - ➔ Run the command to install dependencies
        - ◆ ***pip install -r requirements.txt***
    - ➔ Go back to the project's root folder
        - ◆ ***cd ..***

Now all the requirements have been installed.

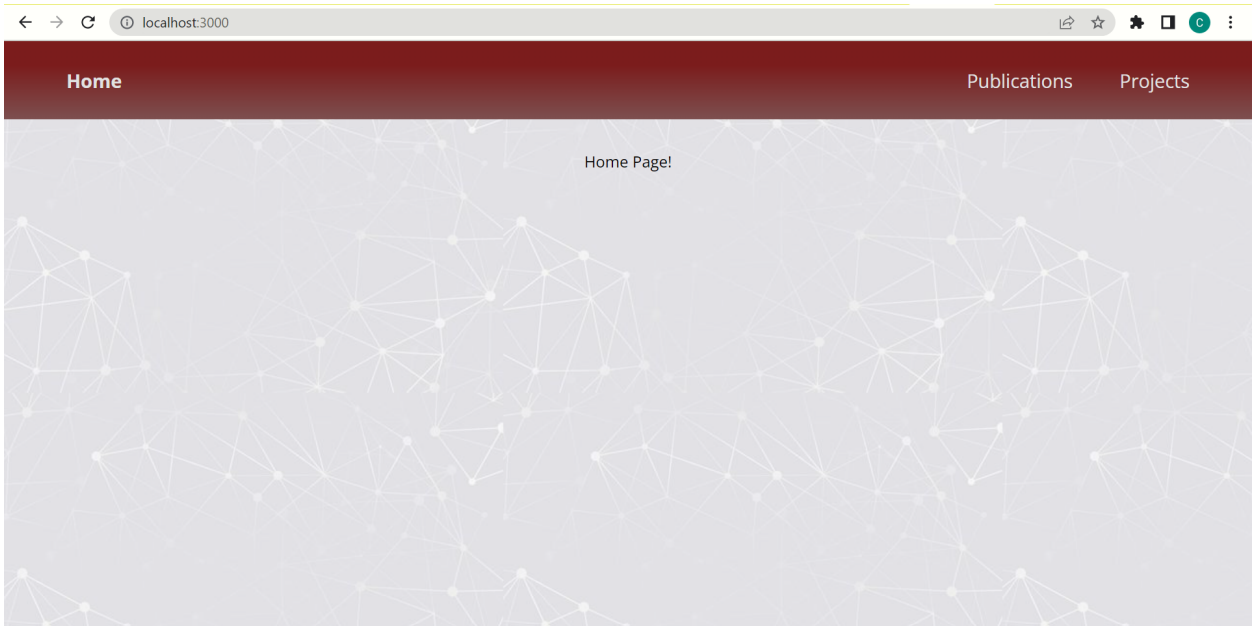
User Manual

To run the application open 2 command prompts.

- In one command prompt change the directory to Backend from the projects root directory publications-master → ***cd Backend***

- To start the backend run the command → ***npm dev start*** or ***npm run start dev***
- In the other command prompt change the directory to Frontend from the projects root directory → ***cd Frondend***
- To start the frontend run the command → ***npm dev start*** or ***npm run dev*** or ***yarn dev*** or ***pnpm dev***

Open the browser and type http://localhost:3000/ to go to the main page of the application and it should display as shown below:

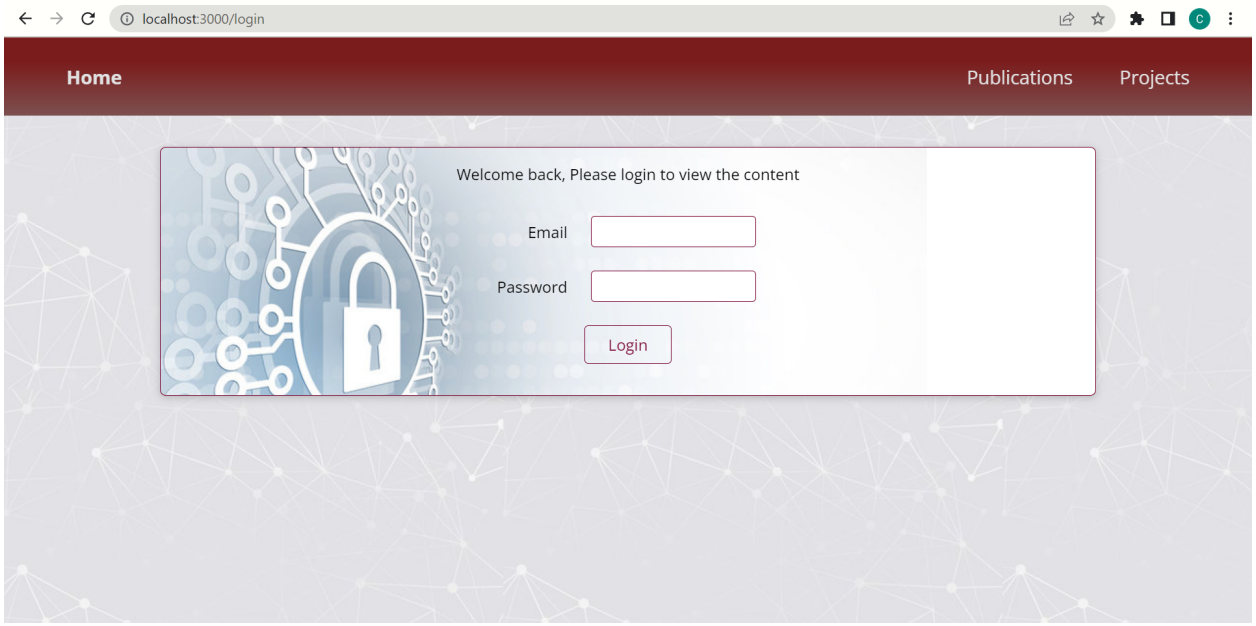


On the publications page, the user can now

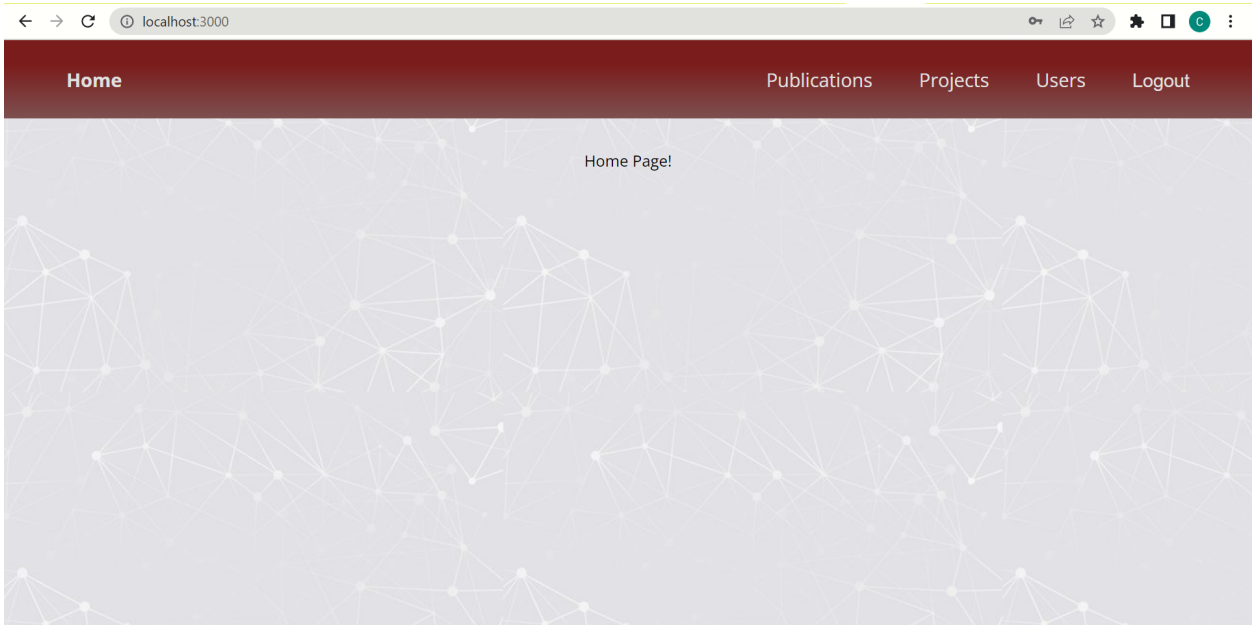
- See the list of papers uploaded.
- Expand the abstract of each list item by clicking on the three dots.
- Collapse the abstract by clicking on the collapse button.
- View the pdf by clicking on the pdf's name.

To log in please go to the page localhost:3000/login

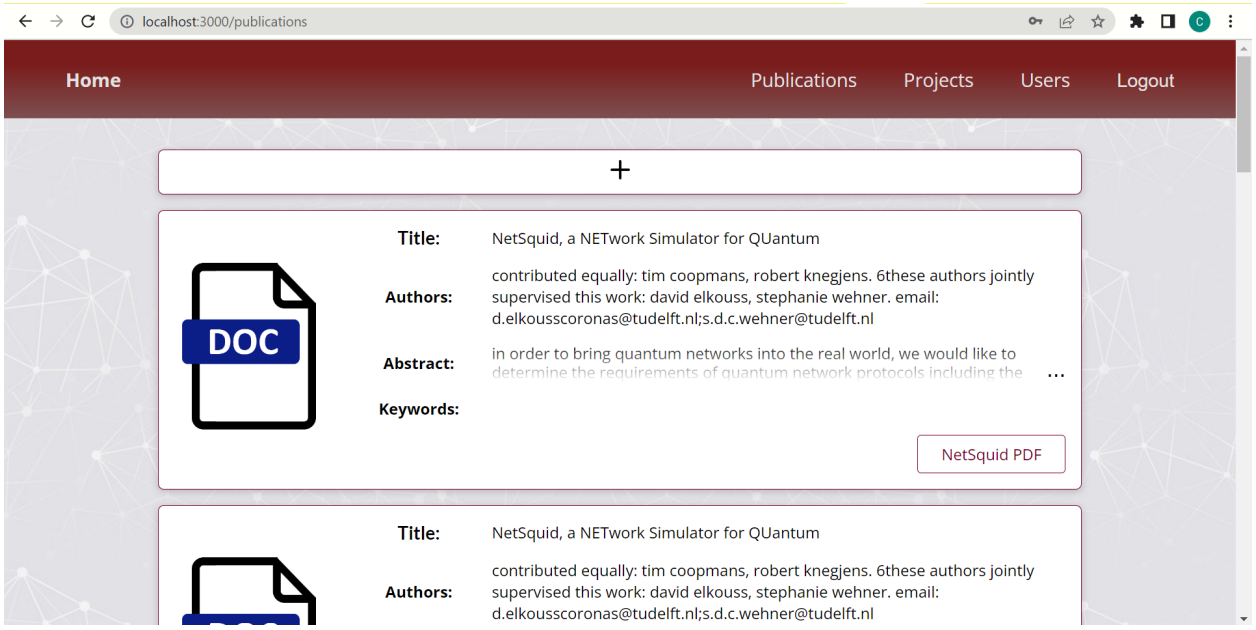
The user is redirected to the page below:



Logged in with admin credentials:



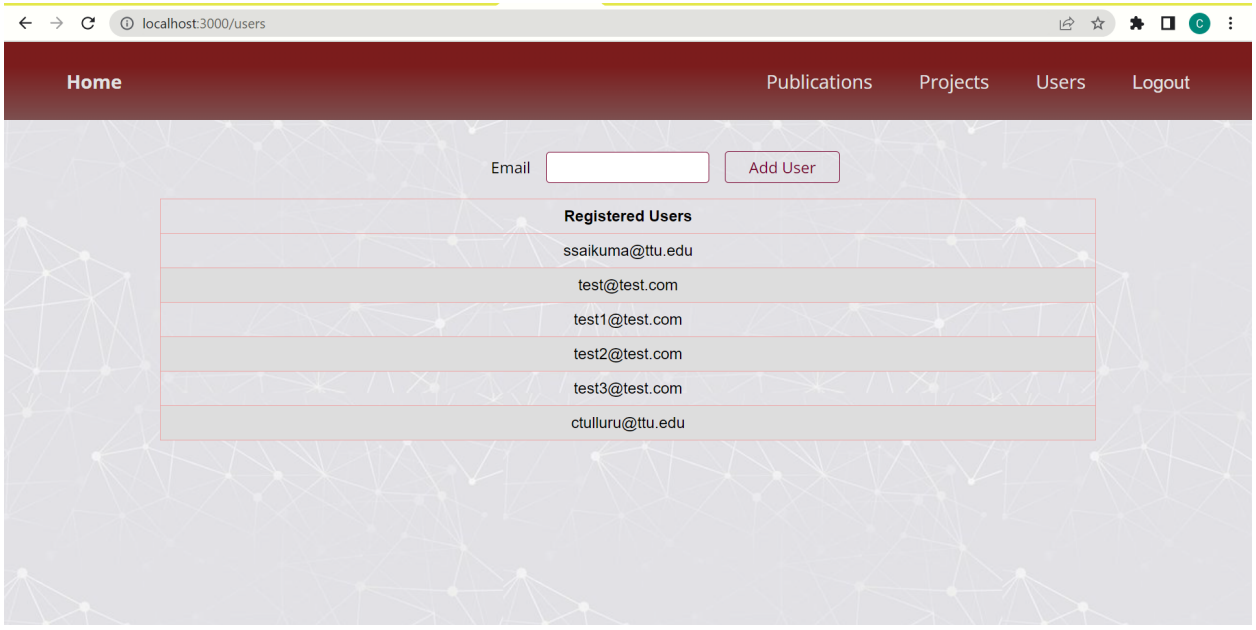
On the publications page, the admin will be able to see the upload button to upload the pdfs



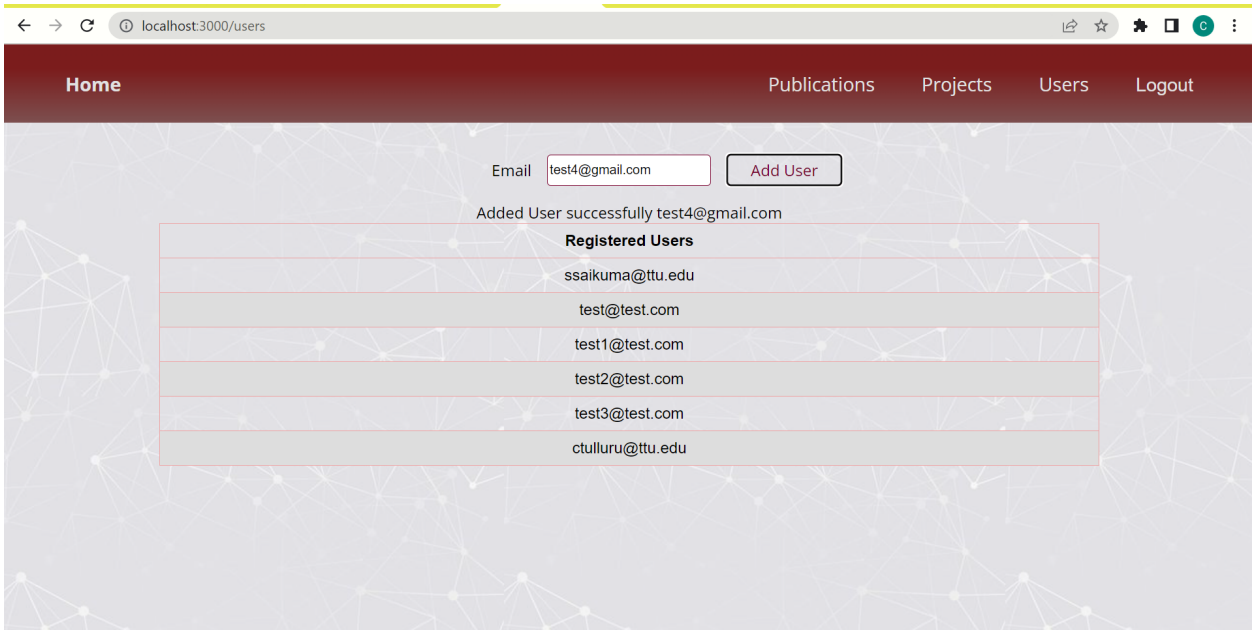
To upload the document, the admin clicks on the '+' button and then the upload symbol selects the pdf to upload and clicks submit.

The newly uploaded pdf is added to the publications list(at the bottom) after refreshing the page.

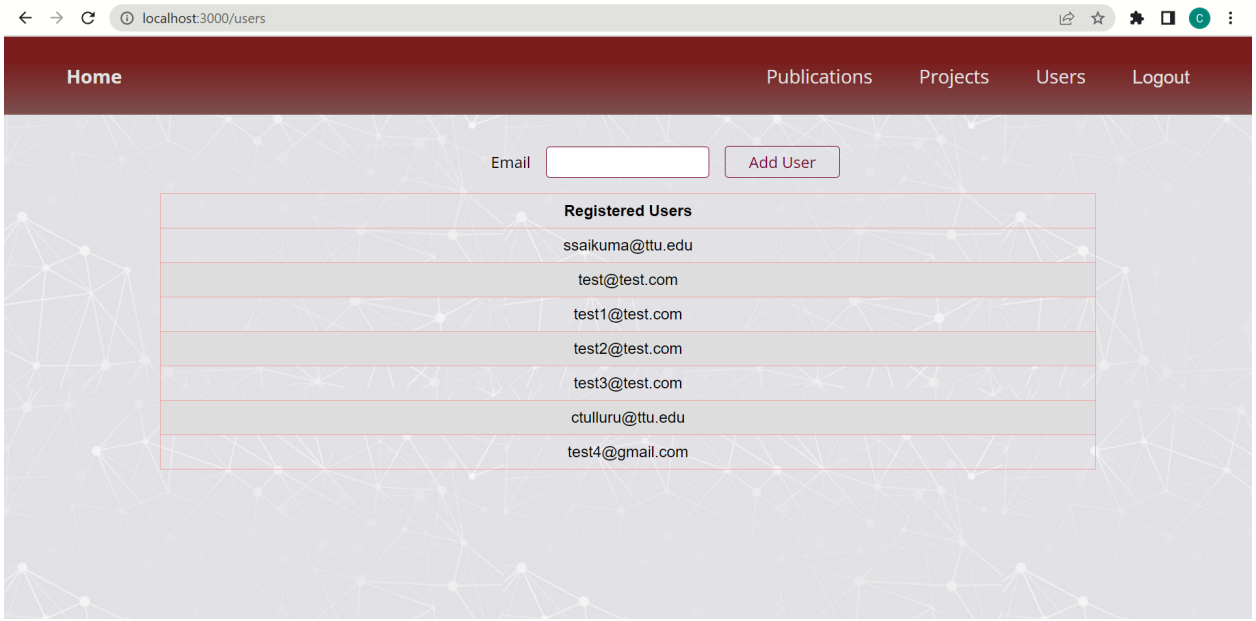
In the users part, as we are in the admin interface, the admin will be able to see the users who are allowed to register on the website and upload the documents.



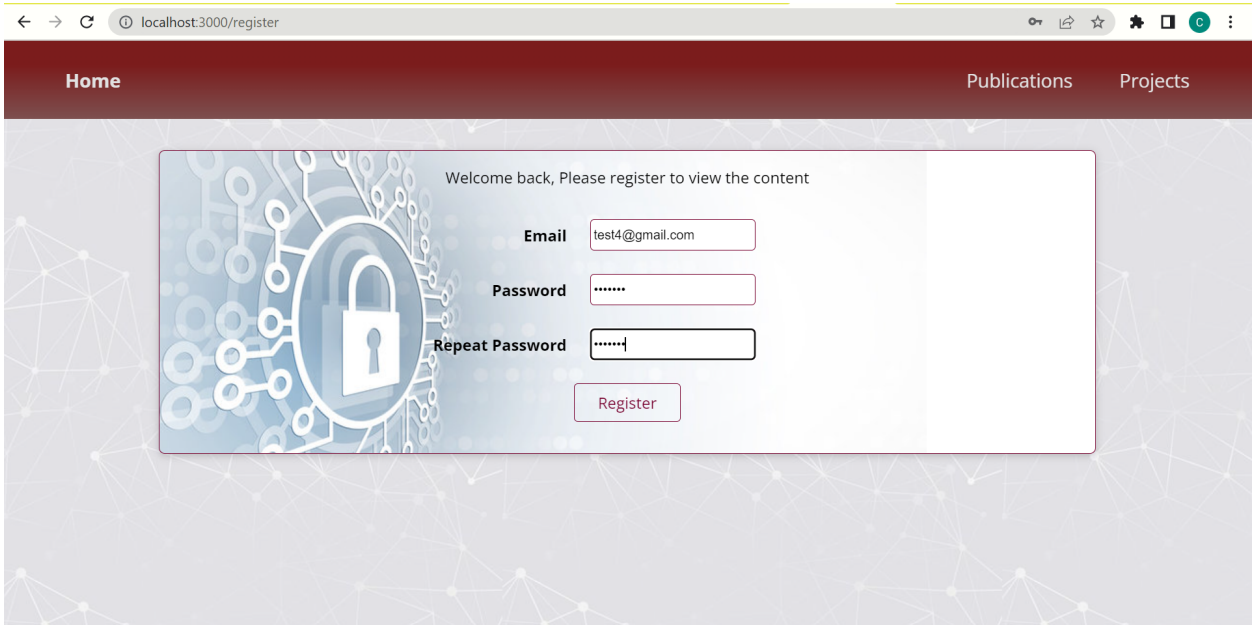
To add a new user, the admin can enter the email address of the user, and can manually notify the user to register. Let's say we will now add a user with the email test4@gmail.com who is not currently the current user.



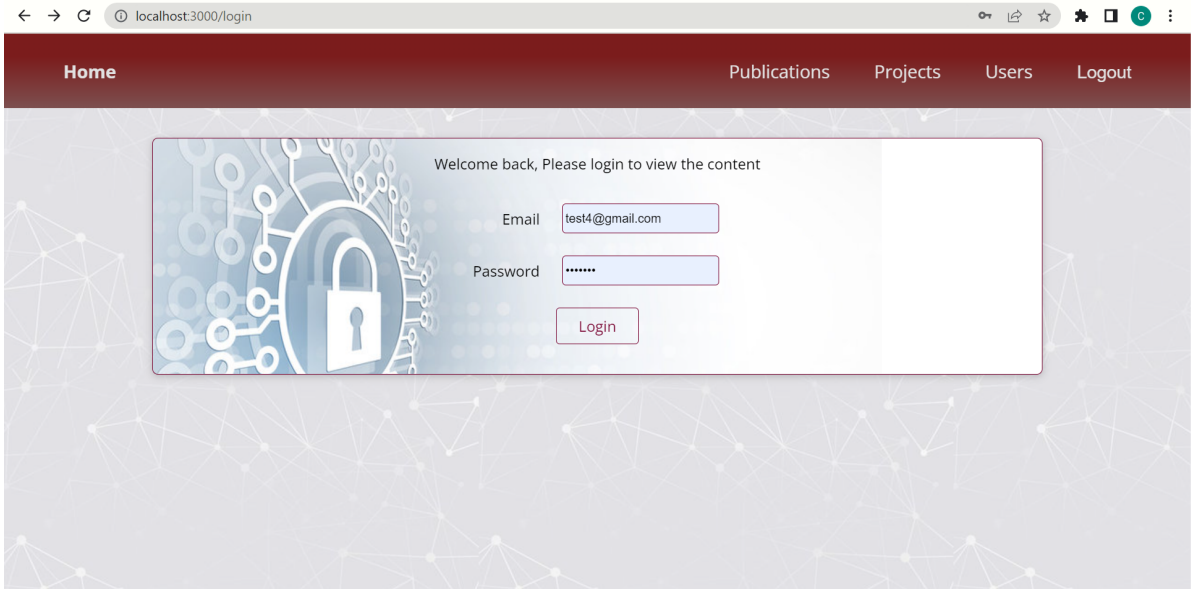
The user is now added successfully!



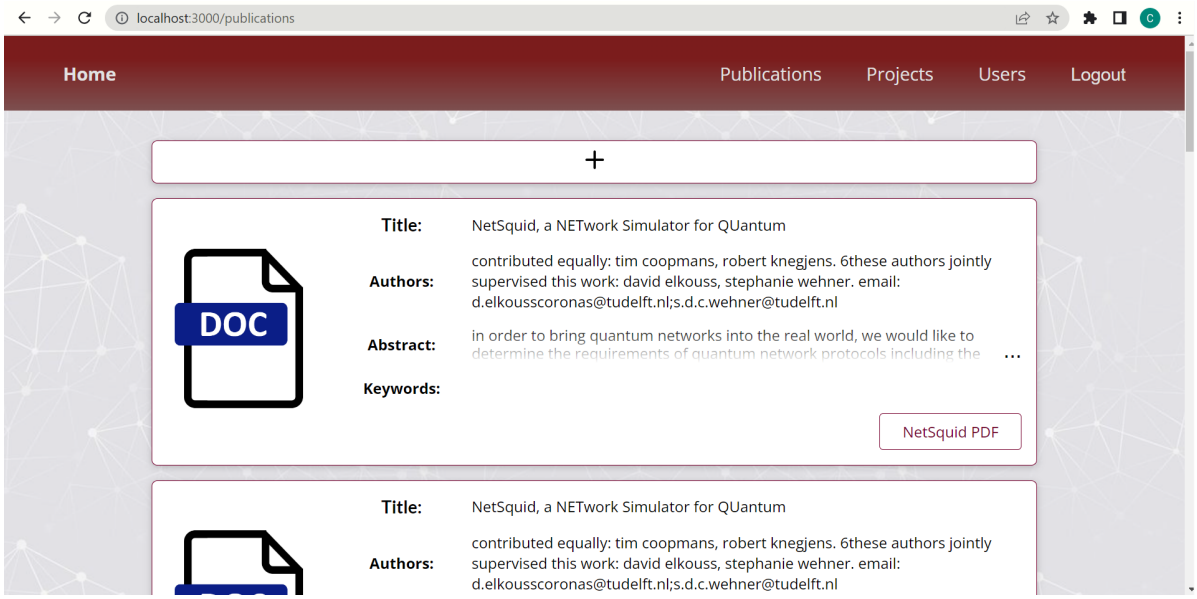
To log in, the new user needs to register to the web application at the following URL http://localhost:3000/register.



After registering successfully, the user can now login at http://localhost:3000/login.



After login, to the publications page, the user is now able to upload the documents to the server.



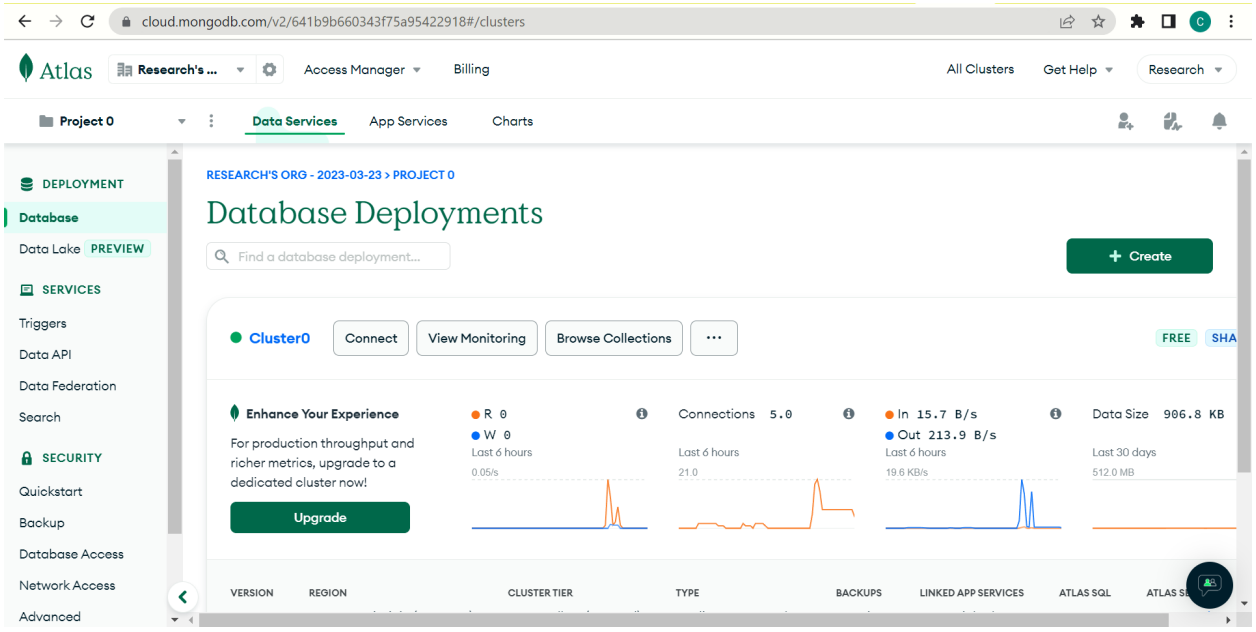
Even though the user has access to the user's page, unlike the admin, is unable to add a new user.

→ Only the users added by the admin can be registered at the following URL http://localhost:3000/register.

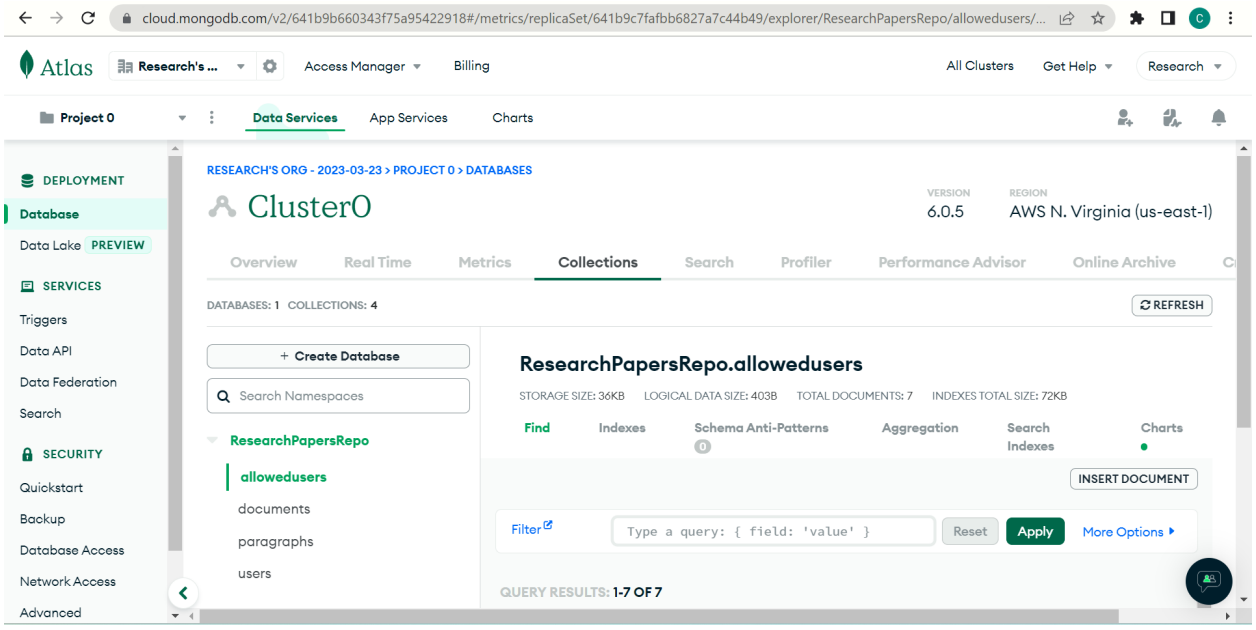
The projects page is not yet developed!

Manual for MongoDB Database:

- ➢ Go to the link https://www.mongodb.com/. Click on sign in.
- ➢ Sign in via Google account. To sign in please enter the below credentials:
  - Email address → research.paper.repo@gmail.com
  - Password → TexasTechUniversity
- ➢ After signing in you will be redirected to the below page.



Now click on browse collections in cluster 0.



On the collections tab, we can see the allowed users, documents, and users.

- In the allowedusers tab, you can find the users who are added by the admin.
- In the documents tab, all the documents uploaded are stored in the form of objects.
- The email and password of the users who registered the application are stored in the users tab. The passwords are here saved as a hash value.

Changing the admin details:

The admin details are hard coded in the environment variable in the code. To change the admin email please go to the .env file in the Backend folder. Modify the ADMIN_EMAIL with the email address of the new admin.

Credentials:

- Gmail credentials:
  - Email ID → research.paper.repo@gmail.com
  - Password → TexasTechUniversity
- GitHub credentials:
  - Email ID/username → research.paper.repo@gmail.com
  - Password → TexasTechUniversity
- MongoDB credentials: login via Google
  - Email address → research.paper.repo@gmail.com
  - Password → TexasTechUniversity