1. Create a Flask application with an `/api` route. When this route is accessed, it should return a JSON list. The data should be stored in a backend file, read from it, and sent as a response.

2. Create a form on the frontend that, when submitted, inserts data into MongoDB Atlas. Upon successful submission, the user should be redirected to another page displaying the message **"Data submitted successfully"**. If there's an error during submission, display the error on the same page without redirection.

Submission Guidelines -: Attach Screenshots or command along with explanation and submit in doc(google doc or microsoft doc) format also attach github repo link

1. Project Overview

This project contains a Flask application that:

- Provides an /api endpoint that returns JSON data from the backend file (data.json).

- Contains a frontend form that inserts submitted data into MongoDB Atlas. On successful submission the user is redirected to a success page. Errors are shown on the same page.

2. Folder Structure

```
Flask-Mongo-Assignment/
    app.py
    data.json
    templates/
        form.html
        success.html
    requirements.txt
```

3. How to run (commands)

```
pip install -r requirements.txt
python3 app.py
```

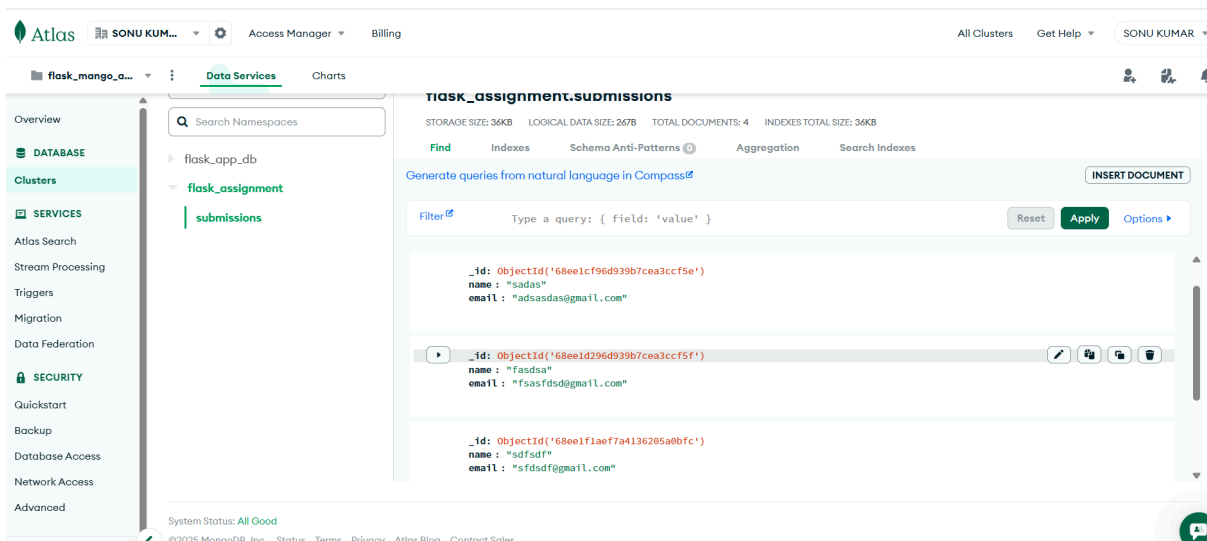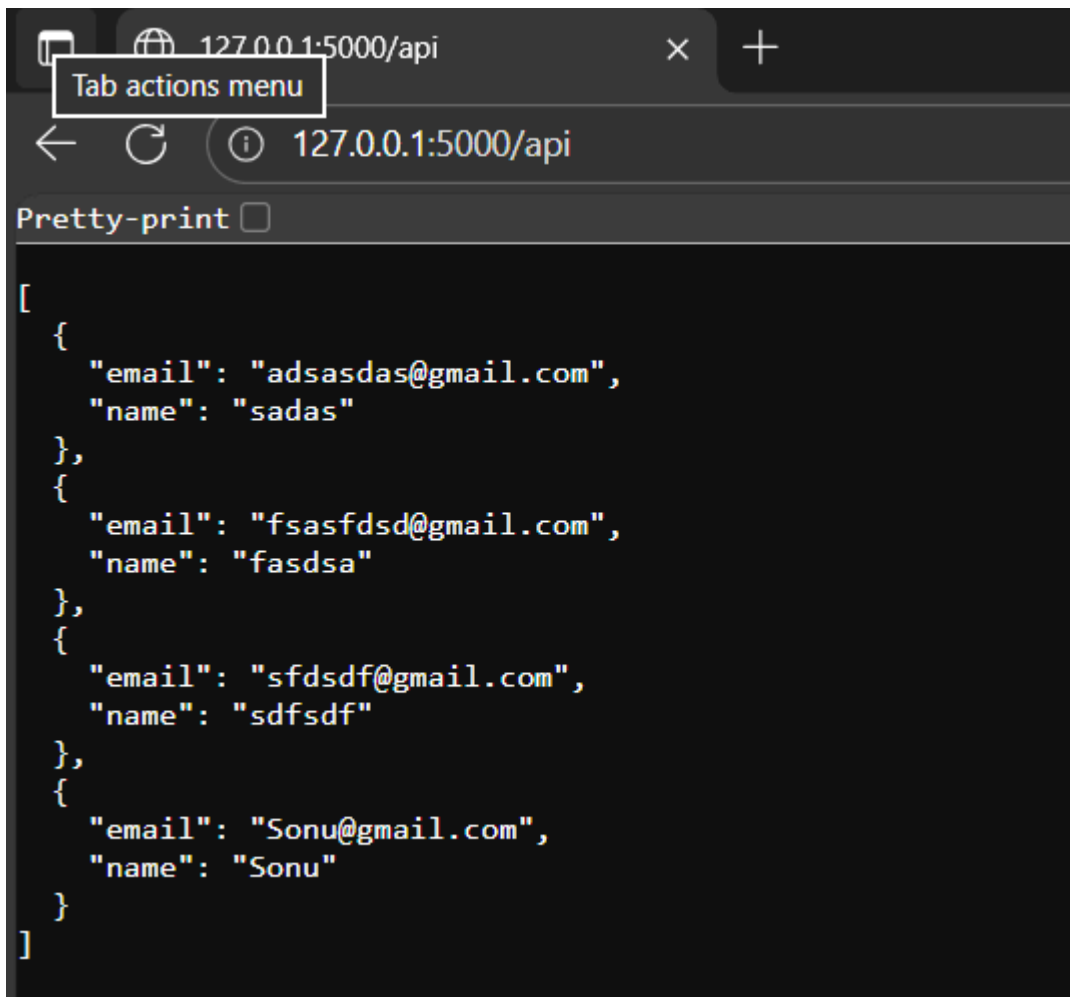## 4. Screenshots

Submit Form

Submit Your Details

Name:

Email:

Submit

Success

Tab actions menu

127.0.0.1:5000/success

Data submitted successfully!

Go Back

6. GitHub Repository

https://github.com/SONU8294/flask-mongo-app.git