- 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.

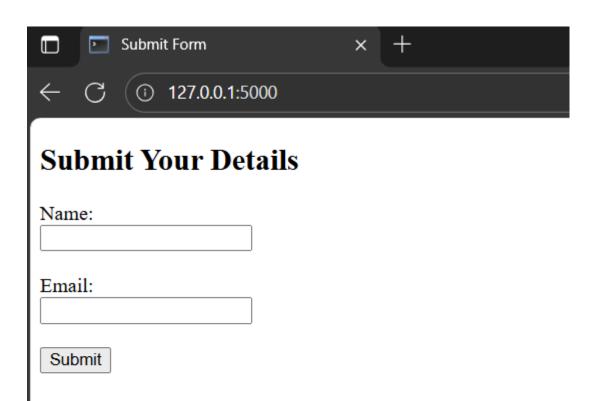
2. Folder Structure

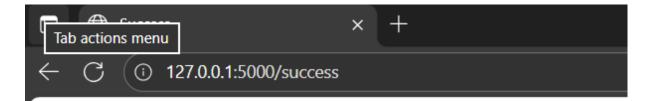
```
Flask-Mongo-Assignment/
app.py
data.json
templates/
form.html
success.html
requirements.txt
```

3. How to run (commands)

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

4. Screenshots





Data submitted successfully!

Go Back

```
127 0.0.1:5000/api
      Tab actions menu
                       (i) 127.0.0.1:5000/api
Pretty-print 🗌
        "email": "adsasdas@gmail.com",
        "name": "sadas"
        "email": "fsasfdsd@gmail.com",
        "name": "fasdsa"
    },
        "email": "sfdsdf@gmail.com",
        "name": "sdfsdf"
        "email": "Sonu@gmail.com",
        "name": "Sonu"
♦ Atlas SONU KUM... ▼ ♦ Access Manager ▼ Billing
 ■ flask_mango_a... ▼ Data Services Charts
                                                                                                                        2, 2, 4
                                            TIGSK_GSSIGNMENT.SUDMISSIONS
Overview
                                                          Schema Anti-Patterns (1)
                                          Generate queries from natural language in Compass™
                  submissions
                                                     Type a query: { field: 'value' }
                                                                                                            Reset Apply Options
                                                  id: ObjectId('68eelcf96d939b7cea3ccf5e')
                                                 name : "sadas"
email: "adsasdas@gmail.com"
Data Federation
                                           id: ObjectId('68eeld296d939b7cea3ccf5f')
name: "fasdsa"
email: "fsasfdsd@gmail.com"
                                                 _id: ObjectId('68eelflaef7a4136205a0bfc')
name: "sdfsdf"
email: "sfdsdf@gmail.com"
Database Access
Advanced
                                                                                                                              P
```

6. GitHub Repository

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