

WEB X CA

REPORT- TRACKIFY

Name of student	Anushka Shahane
Class_Roll no	D15A_54
D.O.P	20/03/25
D.O.S	27/03/25
Sign and Grade	

Title : Trackify

Project Description :

Trackify is a smart and intuitive task management system designed to boost productivity by organizing and tracking daily tasks efficiently. Built using **Angular** for the frontend, **Flask** for the backend, and **MongoDB** as the database, Trackify offers a seamless user experience for individuals and teams to stay on top of their schedules and progress. With responsive design and powerful REST APIs, Trackify ensures accessibility and usability across all devices.

Technologies Used :

Development	VS Code , Postman , Git
Frontend	Angular (v19)
Backend	Flask (Python 3.8+)
Database	MongoDB
Styling	SCSS / Bootstrap
APIs	RESTful Flask APIs

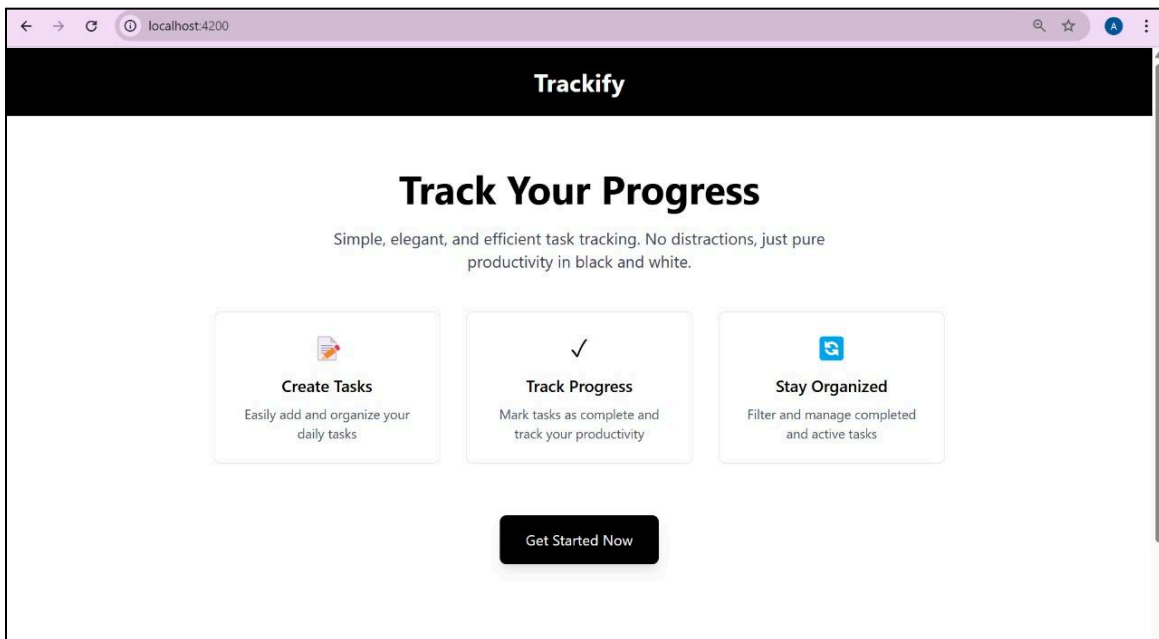
Features Implemented :

1. Task Management: Create, update, delete, and organize tasks.
2. Progress Tracking: Visual indicators for task completion.
3. Responsive Design: Mobile-first UI design using SCSS/Bootstrap.
4. REST APIs: Communication between Angular frontend and Flask backend.

Github Link : <https://github.com/Anushka3204/Trackify>

Output :

Home Page -



Add tasks page -

localhost:4200/main

Trackify Pending:4 Completed:5 [Show Completed Tasks](#)

Active Tasks

4

Tasks pending completion

Completed Tasks

5

Tasks successfully completed

Add New Task

Title

Description

Add Task

View active tasks page -

localhost:4200/main

Add Task

Complete Math Assignment

Finish the algebra homework and practice problems.

Mark Complete Edit Delete

Write Essay on Climate Change

Research and write a 1000-word essay on the effects of global warming.

Mark Complete Edit Delete

Plan Weekend Trip

Organize the travel details and book accommodation.

Mark Complete Edit Delete

Write Code for Project

Finish implementing the task manager app backend.

Mark Complete Edit Delete

View completed tasks page -

The screenshot displays a list of five completed tasks, each in a light blue card. Each card contains the task title with a green checkmark, a brief description, and three action buttons: 'Mark Incomplete' (blue), 'Edit' (dark blue), and 'Delete' (red).

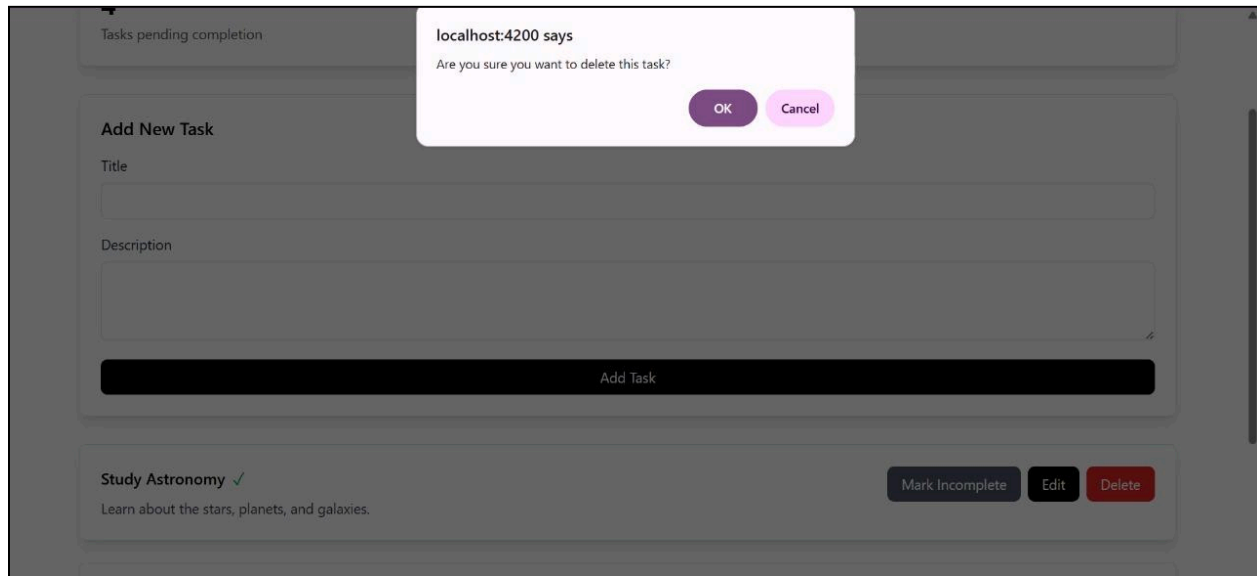
- Study Astronomy** ✓
Learn about the stars, planets, and galaxies.
- Read Science Chapter 5** ✓
Review notes and read through the chapter on biology.
- Attend Programming Workshop** ✓
Join the workshop on web development and coding.
- Practice Guitar** ✓
Spend at least 30 minutes practicing new guitar chords.
- Clean the House** ✓
Tidy up the living room, kitchen, and bedroom.

Edit task page -

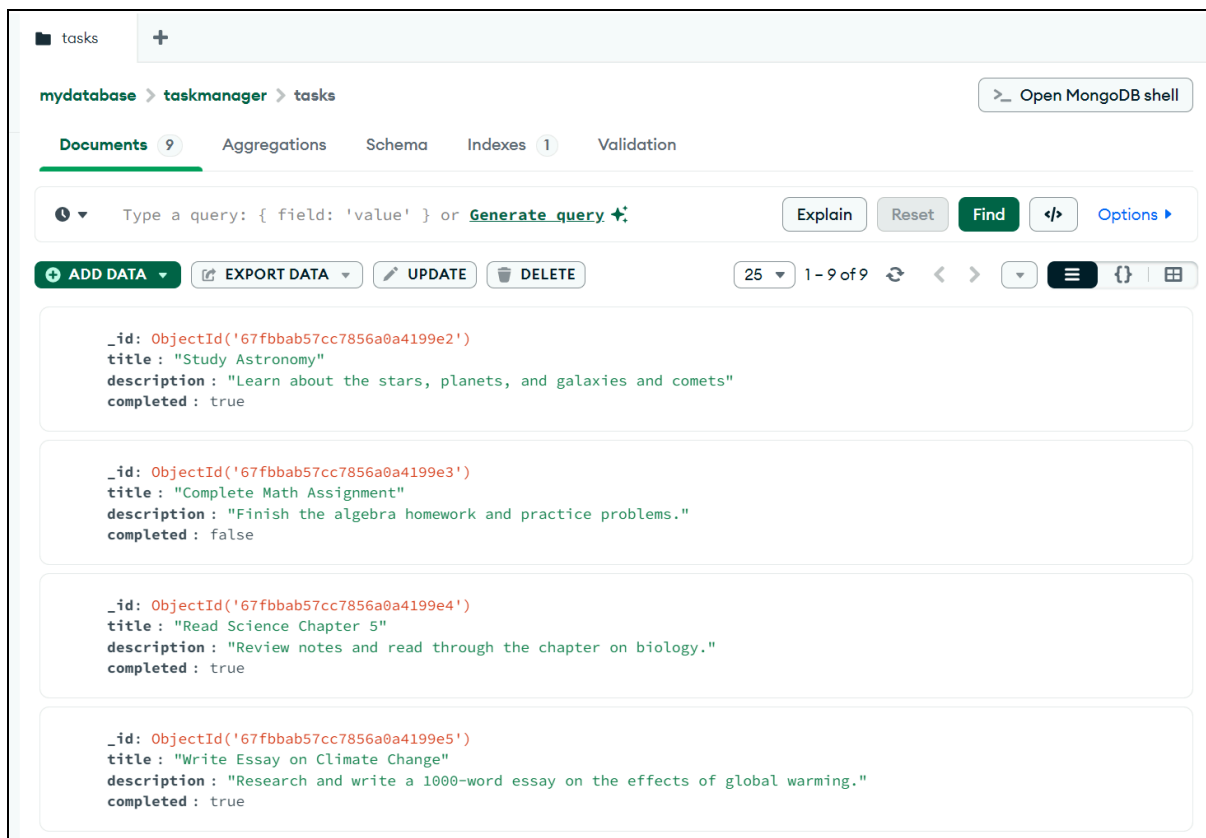
The screenshot shows the 'Edit Task' form, which has a black header bar with the title 'Edit Task'. The form itself is a light gray box containing the following fields and controls:

- Title:** A text input field containing 'Study Astronomy'.
- Description:** A text area containing 'Learn about the stars, planets, and galaxies.'
- Mark as completed:** A checkbox that is checked, with the label 'Mark as completed'.
- Buttons:** Two buttons at the bottom: 'Update Task' (black) and 'Cancel' (gray).

Delete task -



Database (MongoDB) -



Conclusion:

Trackify streamlines task management through a well-integrated tech stack comprising Angular, Flask, and MongoDB. The setup process involves installing essential tools like Node.js, Angular CLI, Python, and MongoDB, ensuring a robust development environment. With a responsive interface and intuitive features such as real-time task tracking and seamless CRUD operations, Trackify enhances productivity for both individuals and teams. The successful configuration and deployment of this system demonstrate practical implementation of full-stack development principles, making Trackify a valuable solution for efficient task management in modern workspaces.