DOCUMENTATION OF TO DO LIST APPLICATION

Introduction

- This documentation covers the setup and usage of a Todo application built using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- The application allows users to create, read, update, and delete tasks.
- Both the frontend and backend are hosted on Vercel.
- Also, it has functionality to filter the tasks using title or due date.
- Code is responsive and adjusted according to the screen sizes

Setup Instructions

Frontend

- Frontend is hosted on https://mern-stack-todo-app-frontend-tau.vercel.app/
- Use this link to access the application

Backend

- Backend is hosted on https://mern-stack-todo-app-delta.vercel.app/

Database

- database is deployed in MongoDB atlas cluster in cloud.
- Therefore, we can access the application using frontend and test it.

Codebase

- Code is in the remote repository in GitHub https://github.com/Navodya16/MERN-STACK-TODO-APP

API Documentation

Endpoints

Create a Task

- **URL:** /task
- **Method:** POST
- **Req format:** Json

Get all Tasks

- **URL:** /tasks
- **Method:** GET

Get Task by id

- **URL:** /task/:id

- **Method:** GET

Update task by id

- **URL:** /update/task/:id
- **Method:** PUT
- **Req format:** Json

Delete task by id

- **URL:** /delete/task/:id
- **Method:** DELETE
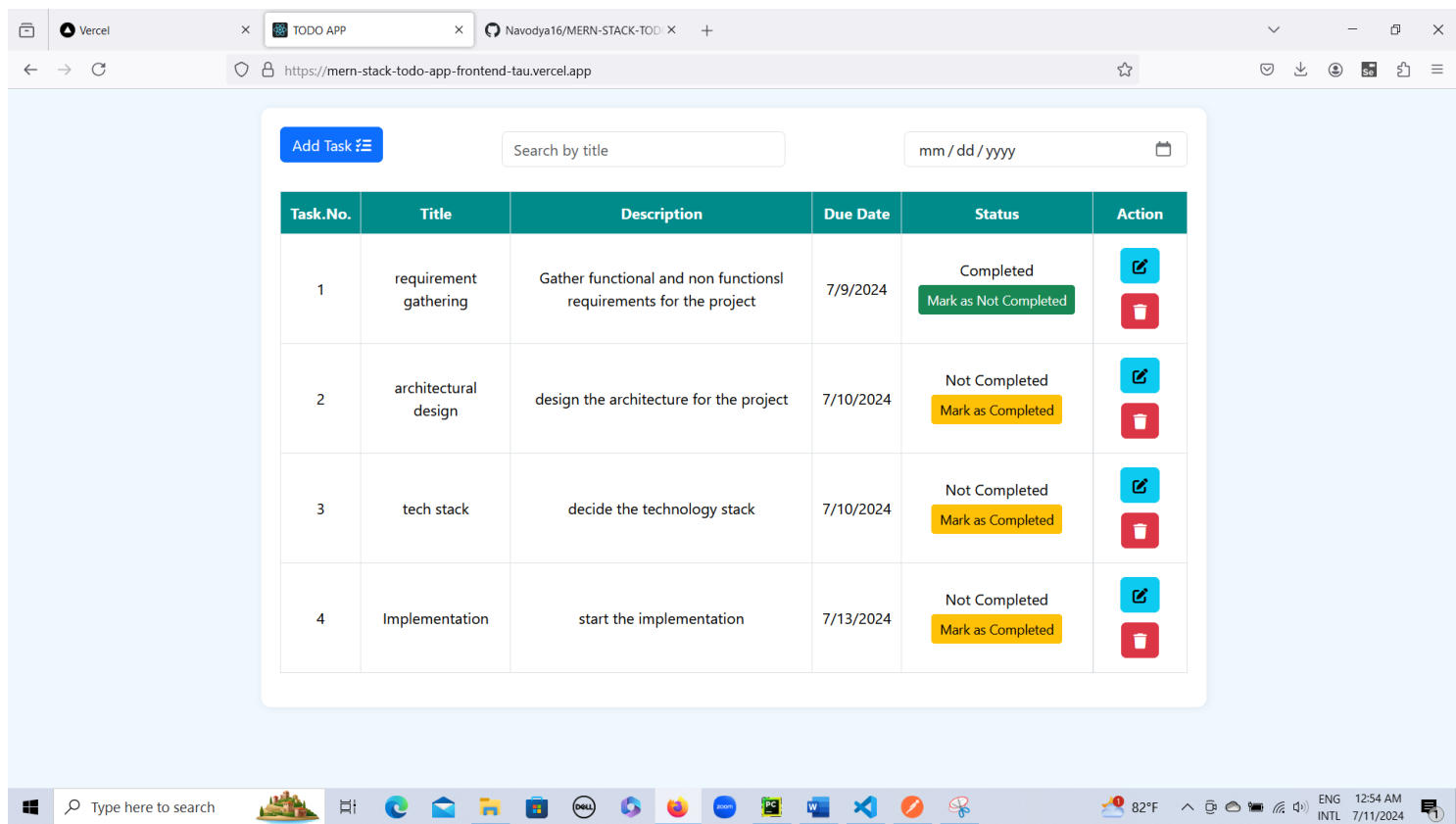
Additional

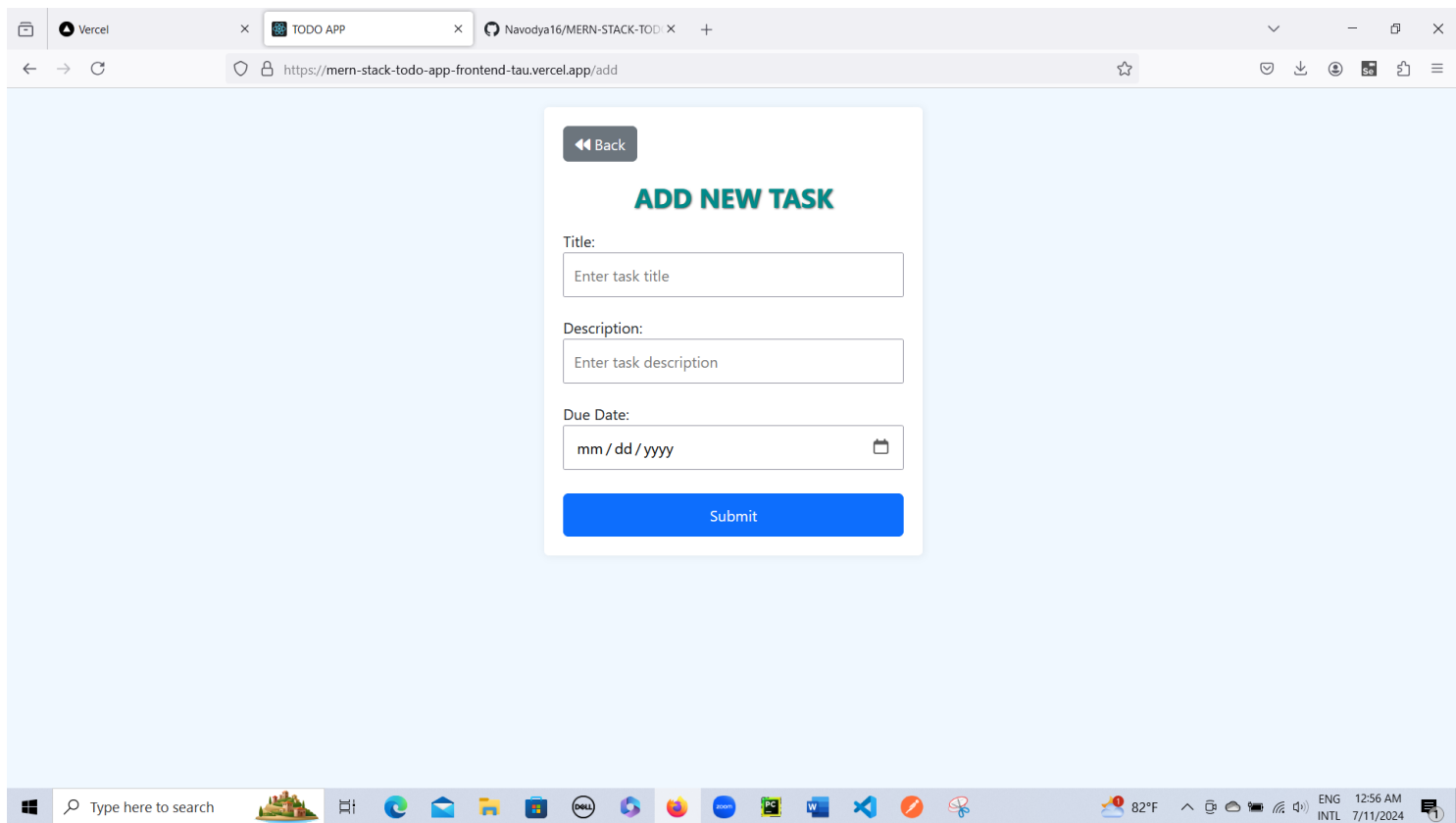- Project has 3 pages

FIGURE: TASKS PAGE
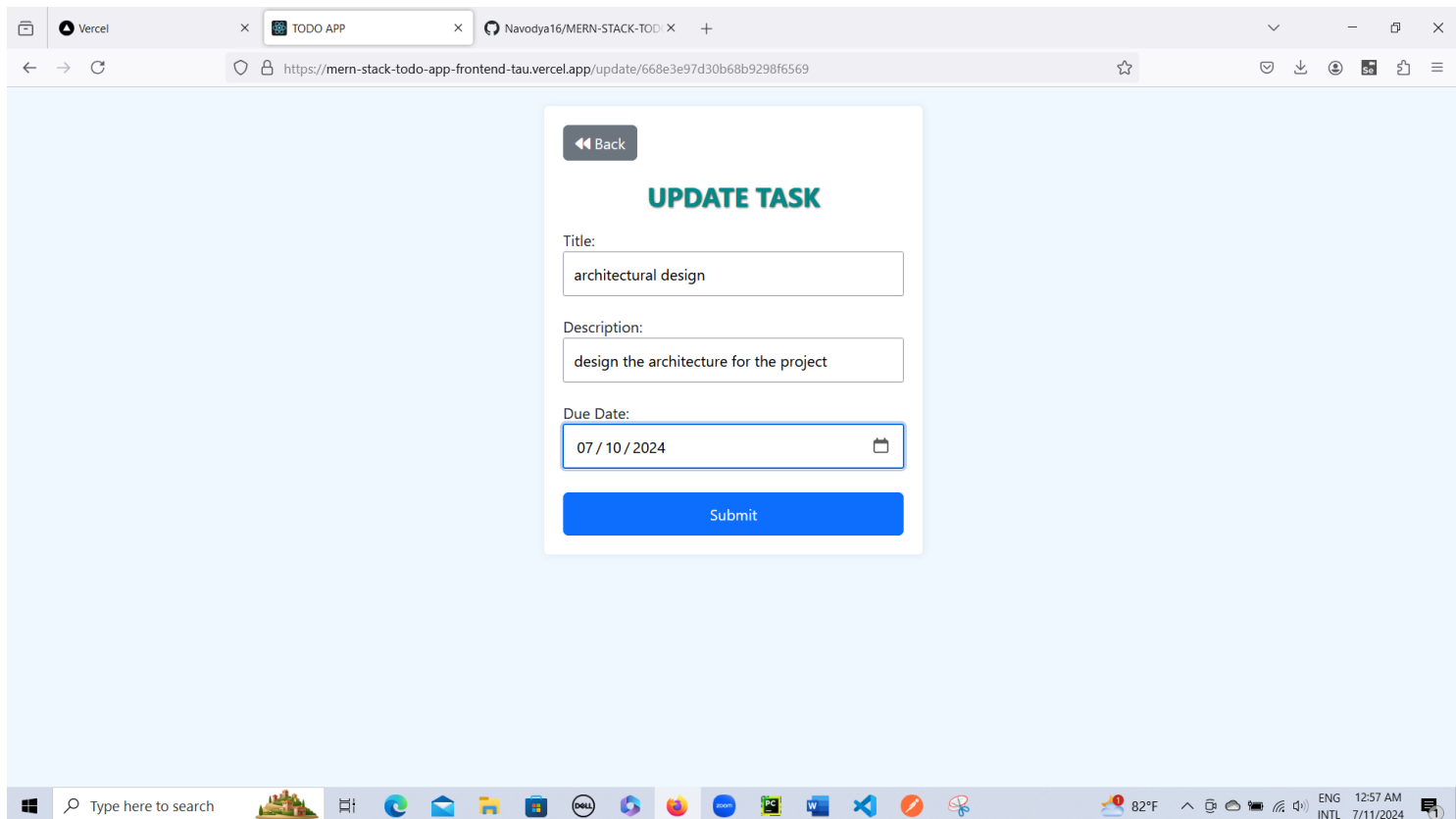
FIGURE: ADD TASK PAGE

FIGURE: UPDATE TASK PAGE
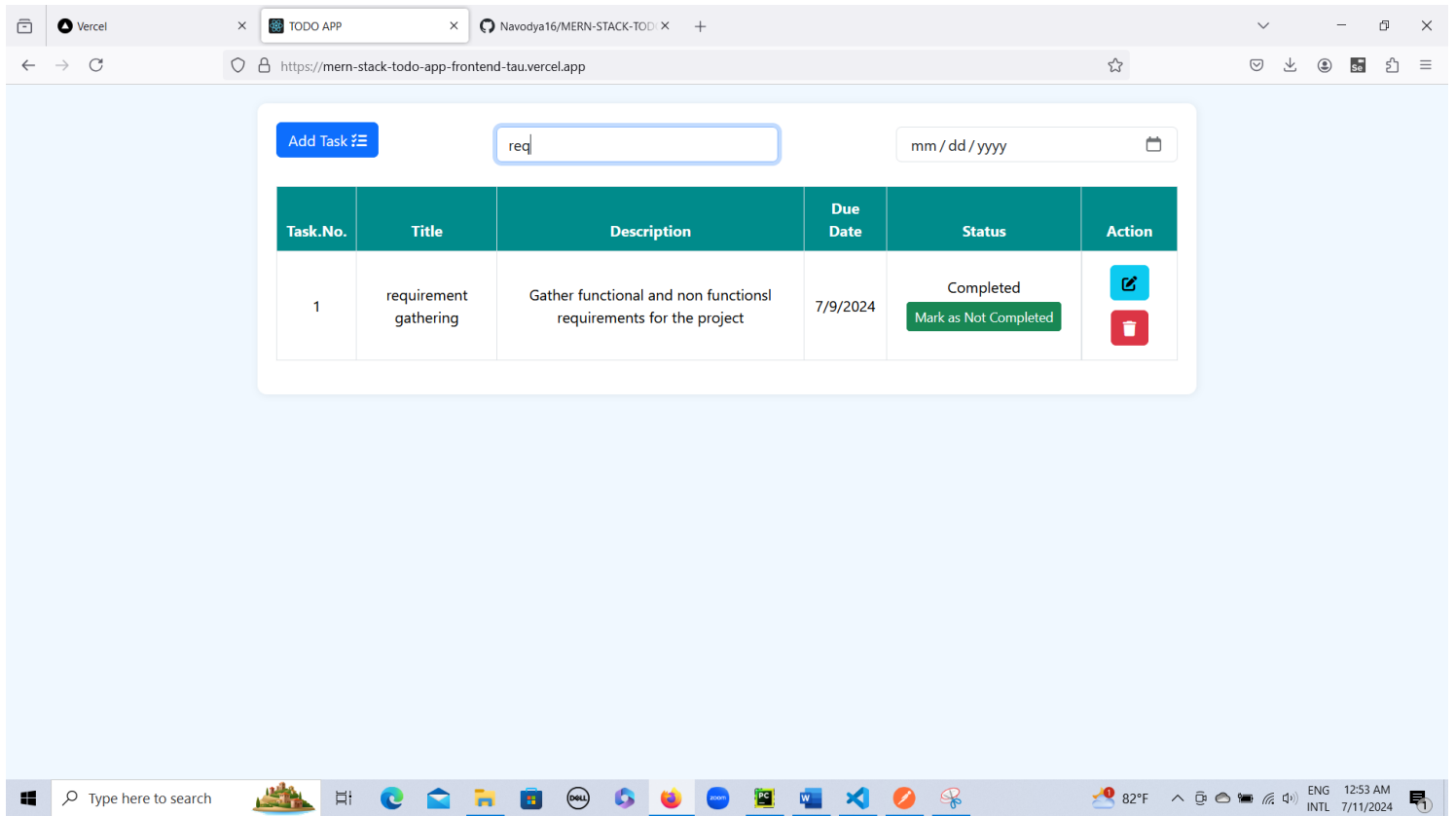
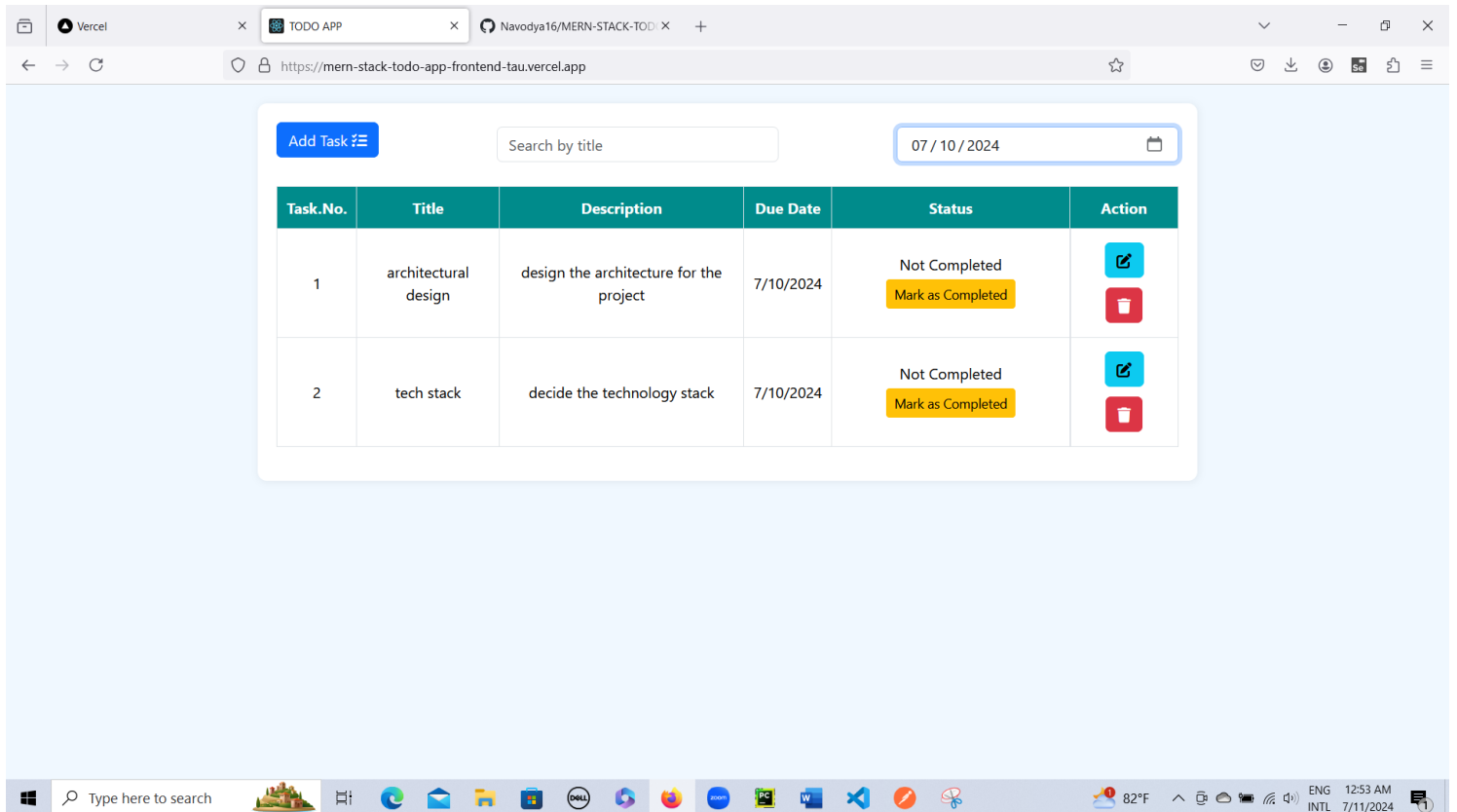- The tasks can be filtered by date or title

FIGURE: FILTER BY TITLE

FIGURE: FILTER BY DATE

- Responsive to different screen sizes