



Life Trek

Second Year Project Synopsis Submitted by

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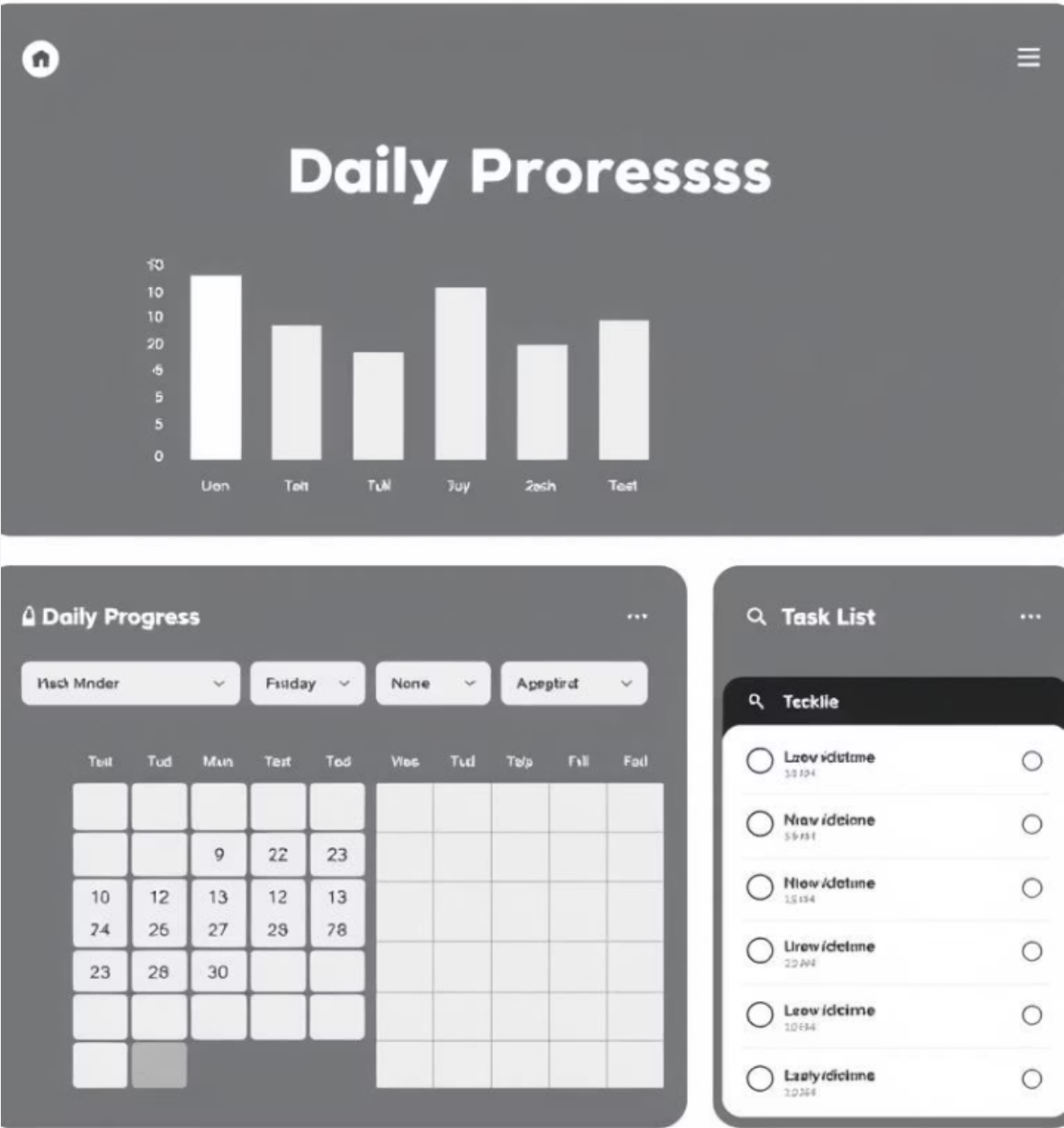
Overview of LifeTrek

Purpose

Tracks skill progress and budget along with managing tasks and resources to meet your deadlines and grow in a competitive way in an gamified environment while leveling up with motivational tips.

Features

- Interactive Dashboard
- Skill & Task Management
- Calendar with Deadlines
- Analytics
- Smart Financial Tracker



Features

Skill Management

Add, track, delete skills with progress levels

Task Management

Create, complete, delete tasks

Deadline Calendar

Add deadlines to any day(s) of the month and get constant reminders

Analytics & Charts

Visualize progress with different chart views (daily, monthly and weekly as per the goals achieved)

Financial Tracker

Track your all kinds of transactions on a daily, weekly and monthly basis along with setting budget goals.

Reward System

Get a voucher code as your xp increases to a certain quantity to redeem an exciting voucher

Frontend, Backend and UI/UX Design



Responsive Design

Built with HTML, TailwindCSS and Typescript for device adaptability



Theme Personalization

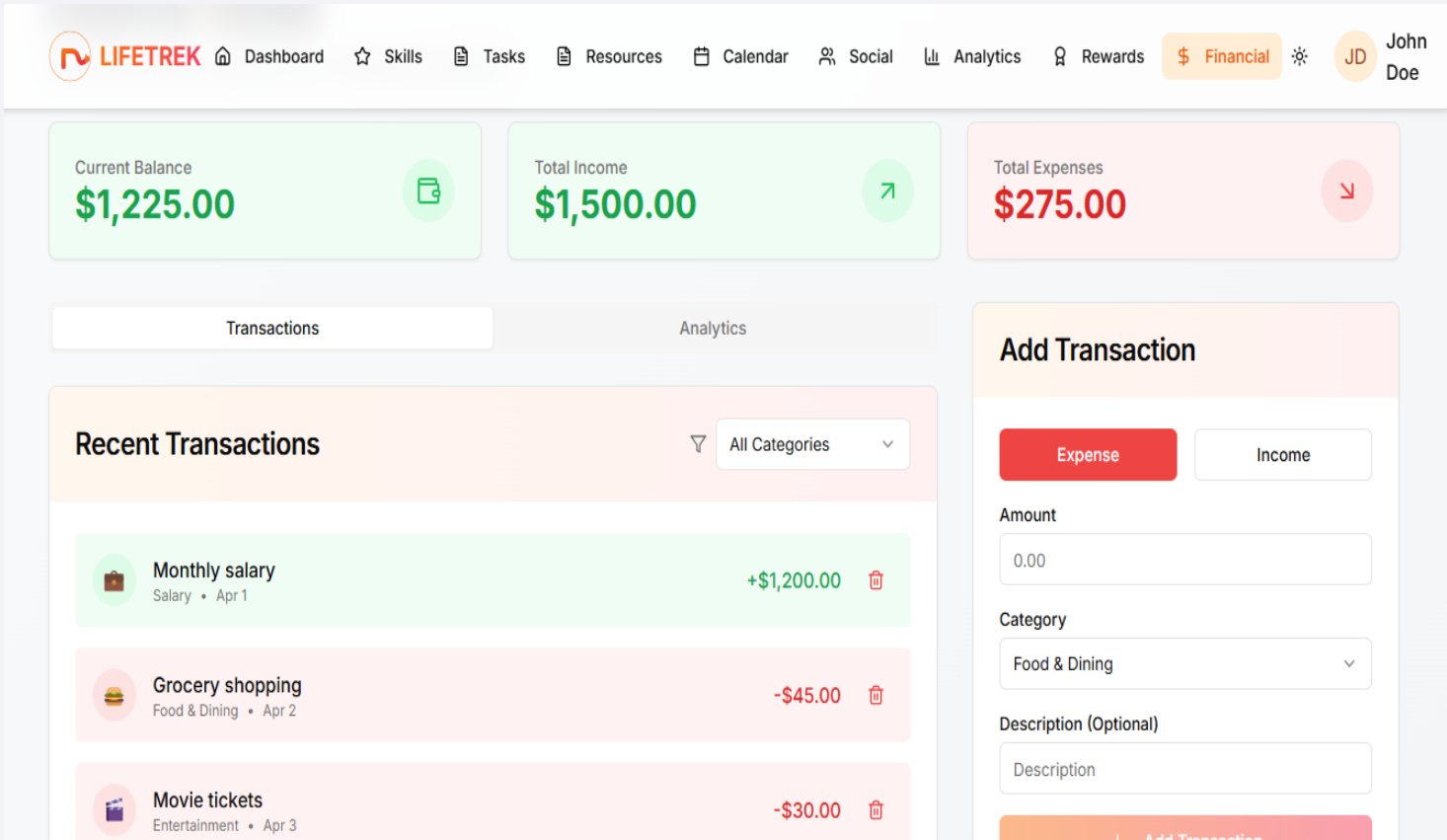
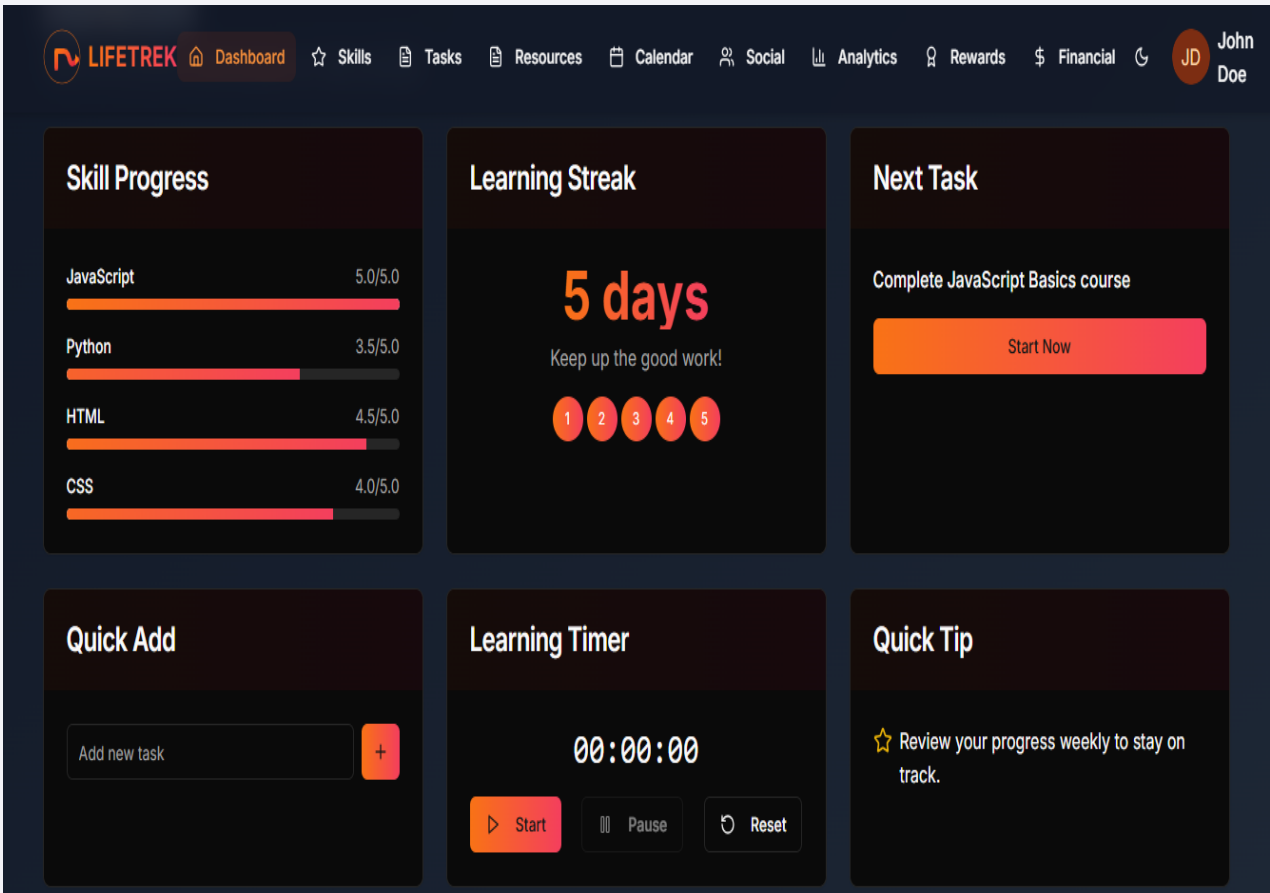
Light/Dark mode toggle and other built-in features



User Experience

Clean, intuitive interface

Can be modified as per user's need



Tools and Technologies used

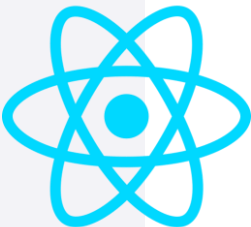
Programming Language

JavaScript/TypeScript:Core logic, type-safe UI and API code



Frameworks & Libraries

- Next.js: Routing, server-side rendering, APIs for tasks.
- React: Modular UI for task lists, charts.
- Tailwind CSS: Responsive styling for all devices.
- Chart.js: Charts for progress visualization.



Development Tools

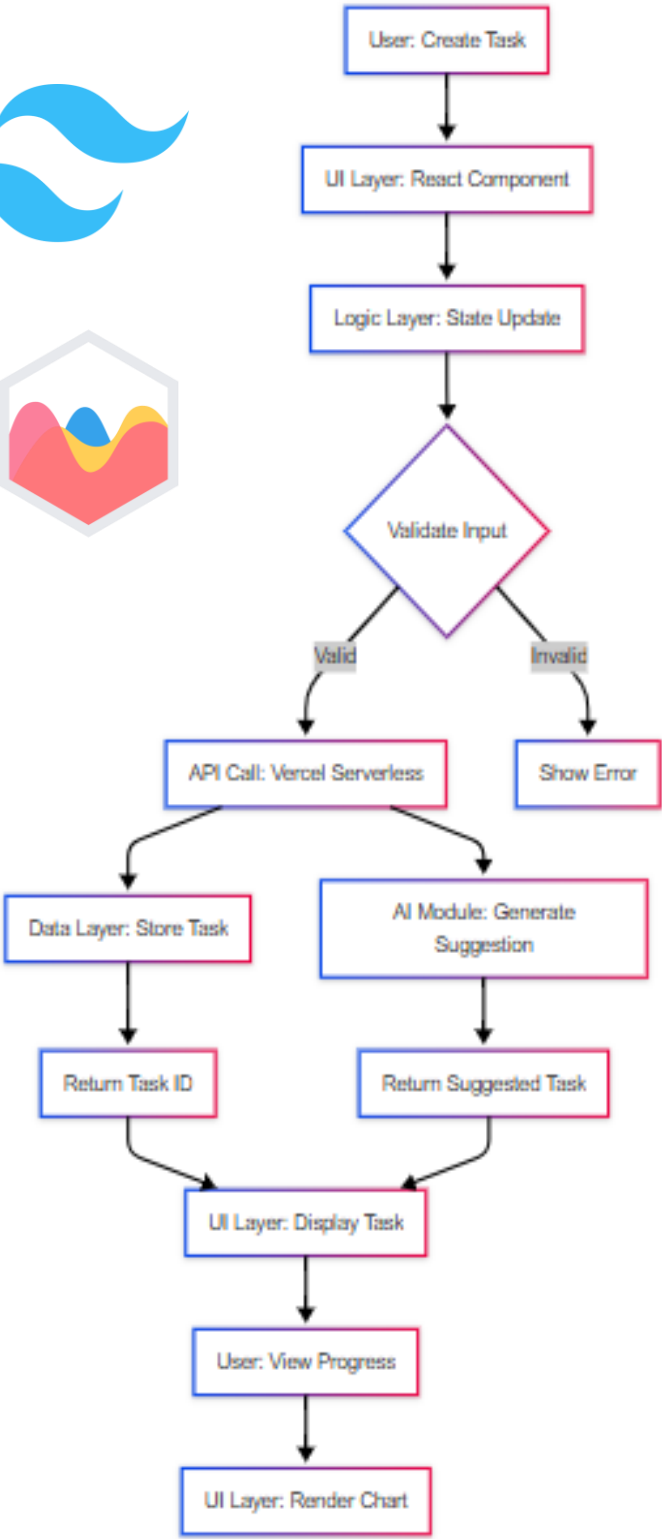
- VS Code: Coding and debugging.
- Git/GitHub: Version control (github.com/akshitagoel11/lifetrek-revamp).

Hosting

- Vercel: Hosts app (lifetrek-smart-productivity-app.vercel.app), serverless APIs.

Why This Stack?

- Fast, scalable, and user-friendly with Next.js and Vercel.



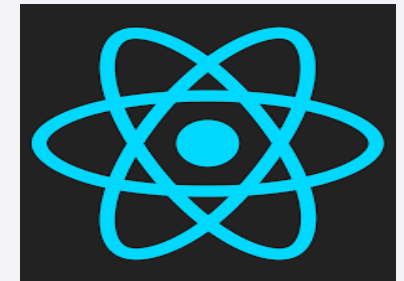
Future Enhancements

MERN Stack

- Full-stack architecture
- MongoDB data persistence

Machine Learning

- Brain.js for personalized suggestions
- TensorFlow.js for emotion analysis





Conclusion

LifeTrek is a web-based productivity app that enhances task management with AI-driven suggestions, progress visualization, and a responsive interface. Built with Next.js, React, and Tailwind CSS, hosted on Vercel, it streamlines workflows for students and professionals, reducing stress and boosting efficiency.

Key Takeaways:

- **Efficiency:** Automates task prioritization with smart suggestions.
- **User-Friendly Design:** Intuitive, mobile-responsive interface.
- **Scalable Tech Stack:** Next.js and Vercel ensure performance and growth.
- **Impactful Features:** Progress charts and calendar integration drive productivity.