Task and Habit Tracker Web Application

The goal of this project is to build a responsive web application designed to help users stay on top of their daily routines by managing tasks and forming healthy habits. It's aimed at individuals like students and working professionals who need a simple yet effective tool to stay productive and consistent. By helping users track progress, stay accountable, and build lasting routines, the app delivers practical value in everyday life.

The application follows a client-server model. The frontend will be developed using HTML, CSS, and JavaScript, providing a clean and adaptive user interface that works seamlessly across devices. On the backend, the server will be built using Node.js with the Express framework, offering a lightweight and modular environment. MongoDB will serve as the primary database, allowing for scalable storage and retrieval of user data.

To keep users engaged and on track, the backend will include automated email features using Nodemailer and Gmail SMTP. When a task is due, the system will automatically send an email reminder. Additionally, daily email digests will be sent to users through scheduled background jobs using node-cron. Communication between frontend and backend will happen via RESTful APIs over HTTP, enabling smooth interaction for all core features. This architecture not only ensures clean separation of concerns but also leaves room for enhancements such as productivity analytics, habit streak graphs, and integration with external services.

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