Key Features

- **User Authentication**: Supports login and registration via email and Google accounts.GitHub
- **Task Management**: Allows users to create, edit, and delete tasks.
- **Drag-and-Drop Interface**: Enables moving tasks between categories like "Todo," "In Progress," and "Done" using a drag-and-drop mechanism.GitHub
- **Real-Time Updates**: Provides immediate feedback and updates to the user interface upon task changes.

Technology Stack

- **Frontend**: Built with React and styled using Tailwind CSS. Implements drag-and-drop functionality using react-beautiful-dnd.GitHub
- **Backend**: Developed with Node.js and Express.js, following the MVC architecture.GitHub
- **Database**: Utilizes MongoDB with Mongoose for data modeling.
- **Authentication**: Employs JSON Web Tokens (JWT) for secure user authentication.
- **Deployment**: Frontend is hosted on Vercel, while the backend is deployed on AWS EC2.

🔄 How It Works

1. **User Interaction**: Users can log in or sign up using their email or Google account.
2. **Task Operations**: Once authenticated, users can create new tasks, edit existing ones, or delete tasks they no longer need.
3. **Task Organization**: Tasks can be moved between different categories ("Todo," "In Progress," "Done") using a drag-and-drop interface, allowing users to manage their workflow visually.GitHub
4. **Real-Time Feedback**: Any changes made to tasks are immediately reflected in the user interface, providing real-time feedback and ensuring data consistency.

How Task Manager Works