AI Email Sender – Full Stack Project

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Project Overview:

This project is a full-stack AI-generated email sender application. The user can input recipient email(s) and an email prompt. Based on the prompt, the app generates a draft email using AI (currently a placeholder). The email can be edited and then sent using the integrated backend email service via Nodemailer.

Tech Stack:

- Frontend: React.js - Backend: Node.js with Express - Email Service: Nodemailer (SMTP using Gmail) - AI Integration: Placeholder (Groq/OpenAI can be integrated) - Script Logger: ActionCollector.exe

Project Structure:

- client/: React frontend app - server/: Node.js backend API with email functionality

Setup Instructions:

1. Clone or download the repository. 2. Navigate to the server folder: - Run `npm install` - Create a `.env` file with your Gmail and App Password. - Run `node index.js` 3. Navigate to the client folder: - Run `npm install` - Run `npm start` 4. The app will be available at http://localhost:3000

How to Use:

- Enter the recipient's email address. - Type an email prompt (what the message should be about). - Click 'Generate Email' to generate a draft. - Edit the email if needed. - Click 'Send Email' to send it.

Notes:

- The current AI generation uses a placeholder. You can replace it with Groq API or OpenAI API. - Make sure to use a valid Gmail App Password in `.env` for email functionality.