Student Progress System

A full-stack web application to manage and track student progress across academic and extracurricular activities. This system includes a frontend built with React and a backend powered by Node.js.

Project Structure

student-progress-system/
├── frontend/   # React.js frontend application
├── backend/   # Node.js backend (REST API)
├── .gitignore
├── README.md

Features

- - Student registration and profile management
- - Track academic progress, assignments, and performance
- - Update student records in real-time
- - Authentication and secure APIs
- - Dashboard with stats and visualizations

Tech Stack

Frontend:

- - React.js
- - React Router
- - Tailwind CSS
- - Axios
- - React CSV Export

Backend:

- - Node.js
- - Express.js
- - MongoDB (Mongoose)
- - dotenv

Getting Started

1. Clone the Repository

git clone git@github.com:vishnuemail96/student-progress-system.git
cd student-progress-system

2. Setup Backend

cd backend
npm install
npm run dev

Create a `.env` file inside `backend/` with:

MONGO_URI=your_mongodb_connection_string
PORT=5000

3. Setup Frontend

cd ../frontend
npm install
npm run dev

Deployment

- Frontend can be deployed using Vercel, Netlify, etc.

- Backend can be deployed using Render, Railway, or Heroku.

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