Skill Speak AI - Weekly Task Plan

Week 1: Project Setup & Planning

- Finalize user personas and feature priorities

- Design UI wireframes (Landing, Dashboard, Chat)

- Initialize GitHub repo and full-stack folder structure

- Set up React frontend and Express backend

- Connect to MongoDB Atlas

- Create landing page with basic routing

Week 2: User Authentication System

- Implement user registration with bcrypt and JWT

- Set up login and logout with protected routes

- Add email password reset functionality using Nodemailer

- Create MongoDB user model schema

- Test user authentication flow end-to-end

Week 3: AI Chatbot & Voice Interaction

- Integrate OpenAI or HuggingFace model for AI Q&A

- Build chat UI using React

- Enable voice-to-text and text-to-voice with Web Speech API

- Implement one static mock interview flow

- Store user messages in session logs

Week 4: Dashboard + Feedback System

- Design and build dashboard UI

- Display session history and feedback on dashboard

- Create MongoDB models for sessions and feedback

- Implement user feedback system (thumbs up/down, comments)

- Test dashboard functionality and responsiveness

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Week 5: Content Management & Admin Panel

- Create admin login and protected routes

- Develop CRUD operations for articles, videos, questions

- Build content display page for users

- Add search and filter options for the resource library

- Test admin panel and content management system

Week 6: Real-Time Features & Deployment

- Implement real-time AI chat using WebSockets (Socket.io)

- Deploy frontend on Vercel/Netlify and backend on Render/Heroku

- Connect to MongoDB Atlas in production environment

- Fix bugs and polish UI for mobile responsiveness

- Add basic analytics for user activity and feedback