

Mock'n-Hire - Complete Project Understanding

Project Name

Mock'n-Hire

A premium AI-driven recruitment platform.

Project Goal / Purpose

Help recruiters easily rank candidates using AI resume screening.

Help students and job-seekers practice mock interviews with AI feedback.

Faster, smarter, better hiring experience.

Core Functionalities

For Recruiters:

- Upload resumes
- Customize weightage
- Create projects (Job ID generated)
- AI match scoring
- Shortlist, Waitlist, Reject manually
- Search, Sort, Filter candidates
- Notes, downloads, analytics.

For Students:

- AI Mock Interviews (planned)
- Scorecards, feedback (future).

Frontend Tech Stack

- Next.js 14 (App Router)
- Material UI (MUI)
- Framer Motion
- Lucide-react
- NextAuth.js
- Supabase
- Vercel

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Backend Tech Stack

- FastAPI (Python backend)
- Supabase (PostgreSQL)
- Custom resume ranking model
- Endpoints: /upload-resumes/, /upload-link/, /status/, /export

Database (Supabase Tables)

- users: id, first_name, last_name, email, password, role, created_at
- projects (planned): job_id, title, recruiter_id, status, created_at

Authentication

- NextAuth.js (Credentials working)
- Google login planned
- Auth details saved in Supabase users table.

Key Pages in Frontend

- / (Landing page)
- /auth/login (Login)
- /auth/signup (Signup)
- /dashboard/recruiter
- /dashboard/recruiter/animation
- /dashboard/recruiter/results/[jobId]
- /dashboard/student (planned)

Frontend UI/UX Standards

- Dark mode default
- Monochrome color palette
- Premium fonts (Inter)
- Glassmorphism and smooth animations
- Premium look like Apple or OpenAI
- Responsive layouts.

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Modal/Components Designed

- NewProjectModal.tsx
- AnimationPage.tsx
- ResultsPage.tsx

(Fully responsive, progress bars, Lottie animations, proper redirects)

Special Technical Implementations

- Multiple file format upload
- Prefetch optimization
- No localStorage
- Graceful fallbacks
- Proper query param management

Deployment / Hosting

- Frontend deployed on Vercel
- Backend runs locally (FastAPI)
- Plan to deploy on Railway, Render, or GCP

Problems Faced (and Solved)

- Modal redirect fixed
- Avoided localStorage
- Improved authentication flow
- Finalized animation page design

Future Plans

- Add Google login
- Add analytics to dashboard
- Add student mock interview features
- Cloud deploy backend

Minor but Important Small Points

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- Responsive design throughout
- Minimal vertical spacing
- Soft hover glows
- Elegant navbar and footer
- Upload shows file size, speed, and percentage

Summary

Recruiter-side flow is 70 to 80 percent complete.

Student mock interview module planned for phase 2.