



DEPI

AI-POWERED INTERVIEW PREPARATION & RESUME ASSISTANT

New Era New Technology

Team Members

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THE PROBLEM WE'RE SOLVING

- ATS Rejection: 75% of resumes never reach human recruiters due to poor formatting and missing keywords

- Generic Templates : One-size-fits-all approaches fail in competitive job markets

- No personalized feedback : Existing tools provide generic advice, not tailored to individual backgrounds

- Job Description Mismatch: Most job seekers struggle because they don't know what employers actually want

- Expensive coaching services Professional coaching costs \$100-\$500 per session - too expensive for students and fresh graduates





Our Solution

- **Smart Resume Analysis:** Uses AI to compare your resume against job descriptions and identify gaps .
- **AI Mock Interviews:** Practice with realistic questions and get instant feedback on your answers .

Impact & Benefits FOR JOB SEEKERS:



- Higher interview success rates
- Increased confidence in interviews
- Democratizes career coaching
- Creates more qualified candidates
- Better job offers and salaries
- Clear skill development path
- Bridges industry-skill gaps
- Reduces hiring costs for companies

How It Works

The screenshot shows the main landing page of the Depi AI website. At the top, there's a purple header bar with the word "DEPI". Below it, the main title "How It Works" is displayed in large, bold, black letters. On the left side, there's a section titled "Resume Analysis & Mock Interview with AI" with a sub-instruction "Analyze your resume and get a personalized mock interview for Free". It features two buttons: "Start for free" (in blue) and "Login to your account" (in light blue). Below this, there's a "HOW IT WORKS" section with a brief description: "Our AI-powered platform helps you prepare for your dream job with personalized feedback and practice." A large, bold bullet point lists the first step: "If you already have an account, log in and continue your journey with us."

The screenshot shows the sign-up page of the Depi AI website. At the top, there's a purple header bar with the word "Depi". Below it, the main title "How It Works" is displayed in large, bold, black letters. On the left side, there's a section titled "Create your Depi AI account" with a sub-instruction "Build a personalised path to your next role with insights, guidance, and interview preparation powered by AI." It features a list of three benefits: "Tailored resume feedback powered by AI", "Mock interviews with recruiter personas", and "Performance tracking across all attempts". To the right, there's a "Sign up" form with fields for "Full name", "Email address", "Password", and "Confirm password". A note specifies that the password must include at least 8 characters, one uppercase letter, one lowercase letter, one number, and one special character. A large, bold bullet point lists the second step: "If you don't have one, create an account and start your journey."

- If you already have an account, log in and continue your journey with us.

- If you don't have one, create an account and start your journey.

How It Works

The screenshot shows the 'Upload Your Resume' section of the DEPI website. At the top, there's a navigation bar with 'Depi' logo, 'Home', 'Upload Resume', 'Latest analysis', 'Latest Interviews', 'Login', and 'Sign Up'. Below the navigation is a large blue header with the title 'Upload Your Resume' and a subtitle 'Get AI-powered insights and prepare for your next interview'. A central feature is a dashed-line box for resume upload with an upward arrow icon, the text 'Drag & drop your resume here or click to browse files', and 'Supported formats: PDF'. To the right, a box titled 'Why Upload Your Resume?' lists four benefits: 'Get personalized interview questions', 'Receive AI-powered feedback', 'Track your progress over time', and 'Match with relevant recruiters'. Another box titled 'Tips for Best Results' provides four tips: 'Use a recent, updated resume', 'Include relevant skills and experience', 'Ensure clear formatting', and 'Keep file size under 5MB'.

- Upload your resume (PDF)

- choose what you'd like to do next

This screenshot shows the result of a successful resume upload. It displays a file named 'Mohad Mohamed CV 9-2025.pdf' with a size of '0.13 MB'. Below this, a green success message says '✓ Upload successful!'. At the bottom, there's a 'What's Next?' section with three buttons: 'AI Analysis' (with a person icon), 'Mock Interview' (with a microphone icon), and 'Get Feedback' (with an envelope icon).

How It Works

Select Analysis:

Latest Analysis

Resume Analysis for Web Instructor

85
OVERALL SCORE

This candidate shows strong promise for a Web Instructor role, scoring high due to direct experience in leading web teams, mentoring, and delivering training sessions on modern web technologies. Their extensive technical skills in web development, coupled with practical project experience, form a solid foundation for teaching.

Key Strengths

Direct experience in leading web development teams, mentoring members, and organizing/delivering weekly training sessions on modern web technologies (IEEE BU SB), which is highly relevant for an instructor role.

Strong technical proficiency in both foundational (HTML, CSS, JavaScript) and modern web frameworks/tools (React Js, Tailwind CSS, .NET Web Development, WordPress, Git/Github), supported by multiple practical projects.

- After the analysis, your score and strengths will be displayed

Lack of explicit pedagogical training, formal curriculum design experience, or certified teaching credentials in an established educational institution beyond volunteer roles, which could strengthen an instructor application.

The CV's broad scope, encompassing numerous non-web technologies (e.g., communications engineering, embedded systems, networking, cloud), potentially dilutes the focus on web instruction and may require clearer emphasis on web-specific teaching aptitude.

Recommendations

Summary

Refocus the summary to explicitly state a passion for teaching and guiding aspiring web developers, directly linking past mentorship and training experience to the Web Instructor role. Emphasize proficiency in both foundational and modern web technologies relevant to instructional delivery.

Skills

Categorize skills clearly, prioritizing web development technologies (e.g., Front-end, Back-end, Databases, Version Control) at the top for immediate relevance. Consider creating a 'Other Technical Skills' section for less directly relevant engineering skills, or omit them entirely to maintain a sharp focus on web instruction.

Experience

For the 'IEEE BU SB' experience, elaborate on the *specific modern web technologies* taught and the *impact* of the training sessions (e.g., 'trained X members on React and responsive design'). For other web development traineeships and projects, add specific details about tools used, challenges overcome, and the learning outcomes directly

- Your weaknesses that need improvement, along with some tips and guidance to fix them

How It Works

Depi

Home Upload Resume Latest analysis Latest Interviews



Resume Analysis & Mock Interview with AI

Analyze your resume and get a personalized mock interview for Free

Web developer

Mohad Mohamed Hosnimohadm... ▾

Go to Interview

Analyze CV

- Start a mock interview featuring advanced questions commonly asked in real interviews for this position .

- Enter the job title or position you are applying for .

Technical Interview Quiz

Mock Interview Session

Resume ID: 1

Questions: 10

Answered: 0

Question 1: Which of the following best describes the purpose of polymorphism in Object-Oriented Programming?

- A To restrict access to certain members of a class.
- B To create new classes from existing classes.
- C To allow objects of different classes to be treated as objects of a common type.
- D To hide the internal implementation details of an object.

How It Works

The screenshot shows the DEPI interview dashboard. At the top, there's a navigation bar with 'Depi' on the left and links for 'Home', 'Upload Resume', 'Latest analysis', 'Latest Interviews', and a user icon on the right. Below the navigation is a section titled 'Interview Sessions' with a sub-section for 'Interview Session 2 - 22/11/2025'. This section includes a progress bar for 'Interview Performance' showing 0% completion (0 correct, 10 incorrect, 10 total questions) and a target position of 'engineering'. Below this is a 'Question Review' section with a question about logic gates: 'Which of the following logic gates provides a HIGH output only when all its inputs are LOW? D : NOR'.

- Finally, your dashboard gives you access to all your interview questions, lets you review your performance scores, track your overall progress, and monitor how your skills improve with every practice session.

Key Features

RESUME ASSISTANT

DETAILS

- **ATS Check:** Identifies formatting issues that cause automatic rejection
- **Keyword Optimization:** Highlights essential skills missing from your resume
- **Structure Analysis:** Suggests better organization of sections and content
- **Skill Highlighting:** Emphasizes your most relevant competencies for each job
- **AI INTERVIEW COACH DETAILS:**
- **Question Variety:** Dynamic question generation based on industry and role
- **Performance Metrics:** Scores clarity, relevance, and structure of your answers
- **Progress Tracking:** Monitors improvement across multiple practice sessions



Technology Stack

FRONTEND

- React.js
- Responsive design for all devices
- Interactive user interface

BACKEND

- ASP.NET Core Web API

API TESTING

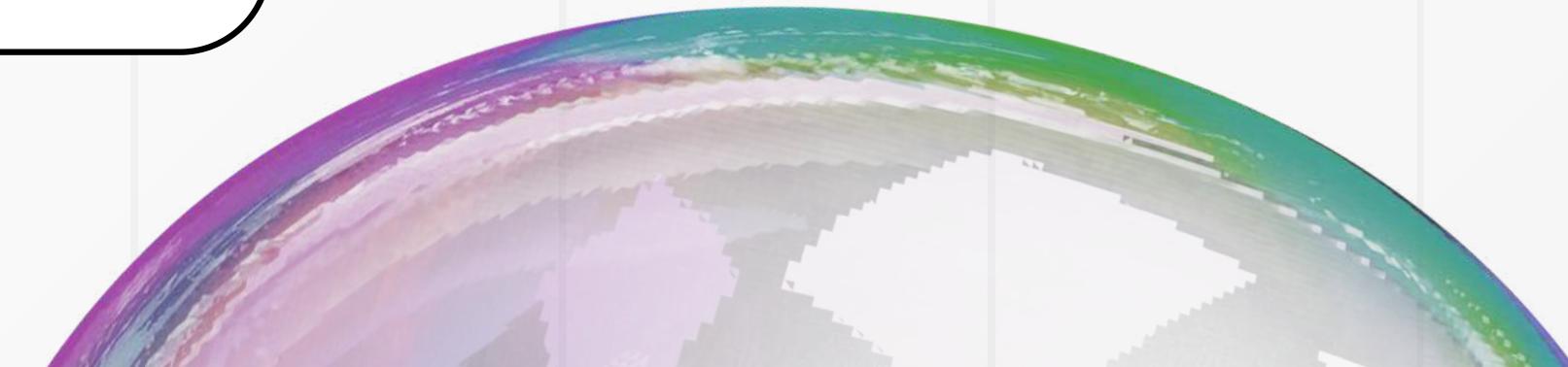
- Swagger UI - For automated API documentation & testing
- Postman - For manual API endpoint validation
- Integration Testing - Testing full system workflows

DATABASE

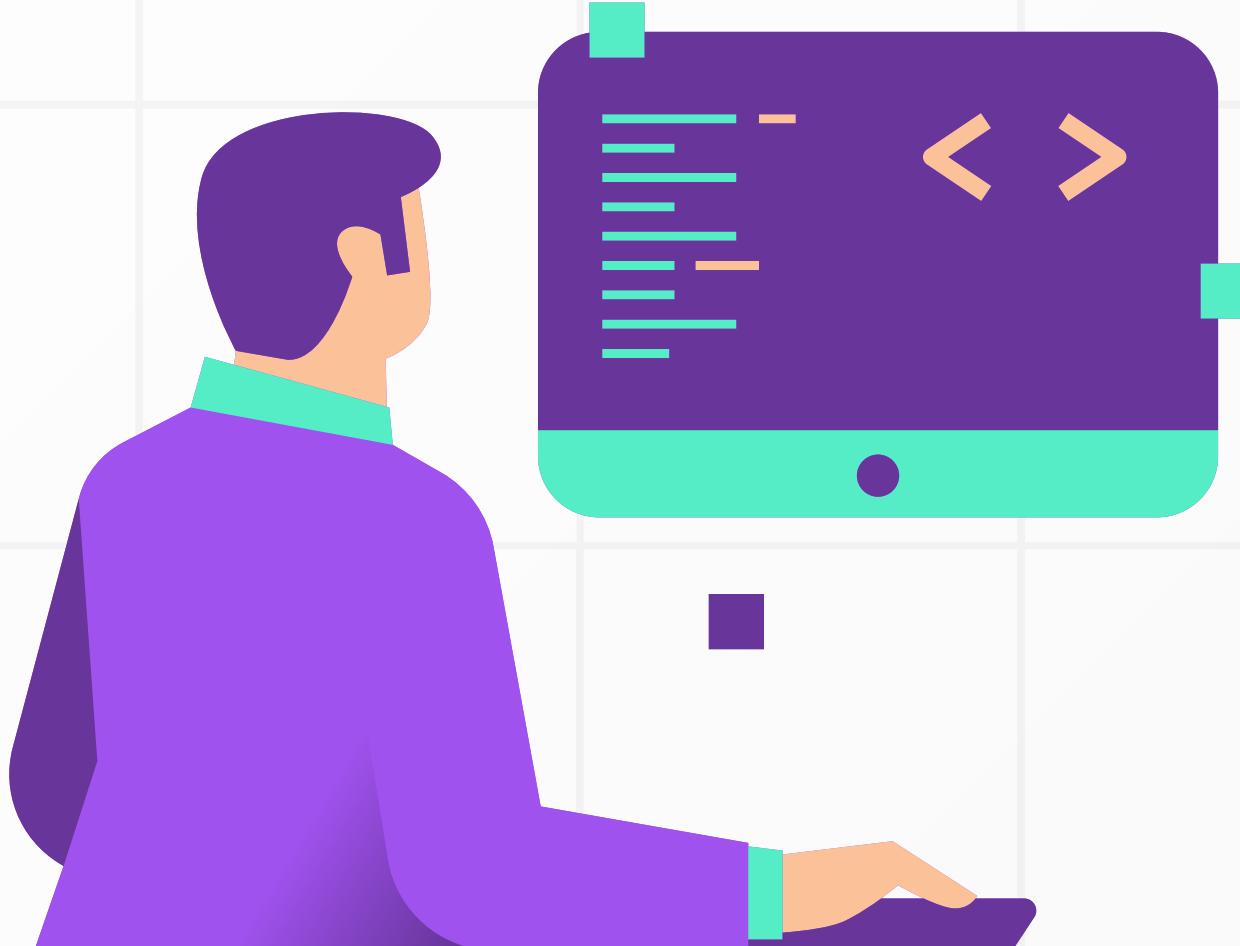
- Microsoft SQL Server

AI

- Google Studio AI (Gemeni Free V)



System Architecture



CLIENT side (React.js)

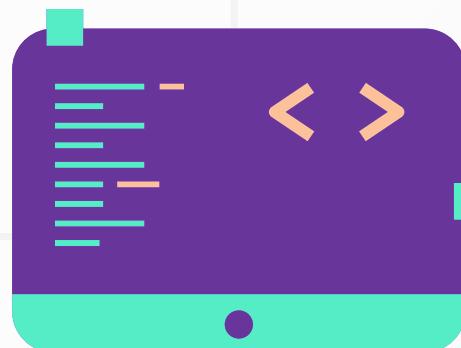
- Frontend User Interface
- Resume Upload Components
- Interview Practice UI
- Dashboard & Analytics Views

System Architecture

DEPI

API LAYER (DEPI API)

- ASP.NET Core Web API
- RESTful Endpoints
- JWT Authentication
- Request/Response Handling



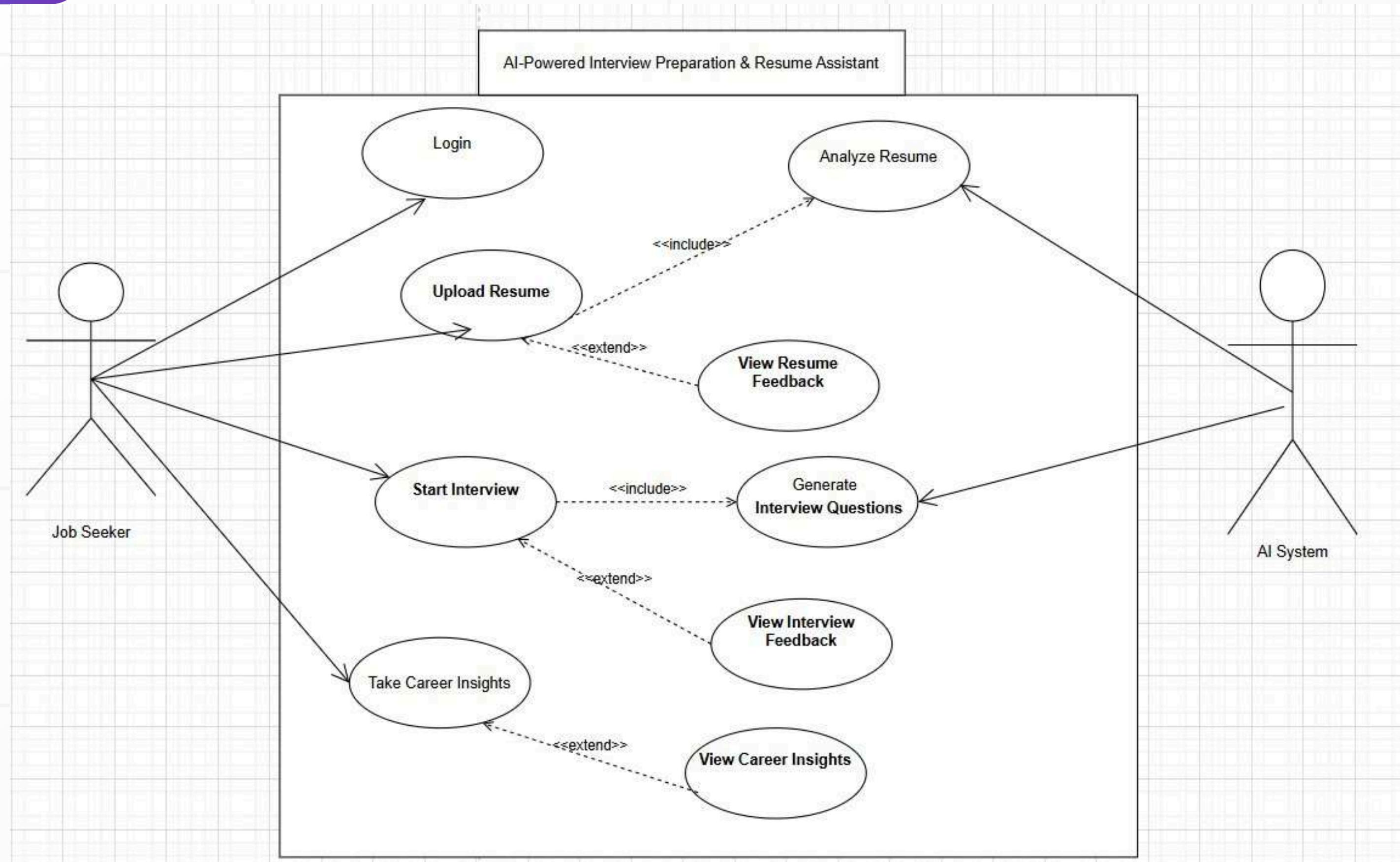
APPLICATION LAYER (DEPI Application)

- Business Logic & Processing
- AI Integration & Analysis
- Service Classes
- Domain Models
- Validation Rules

DATA ACCESS LAYER (DEPI Data_Access)

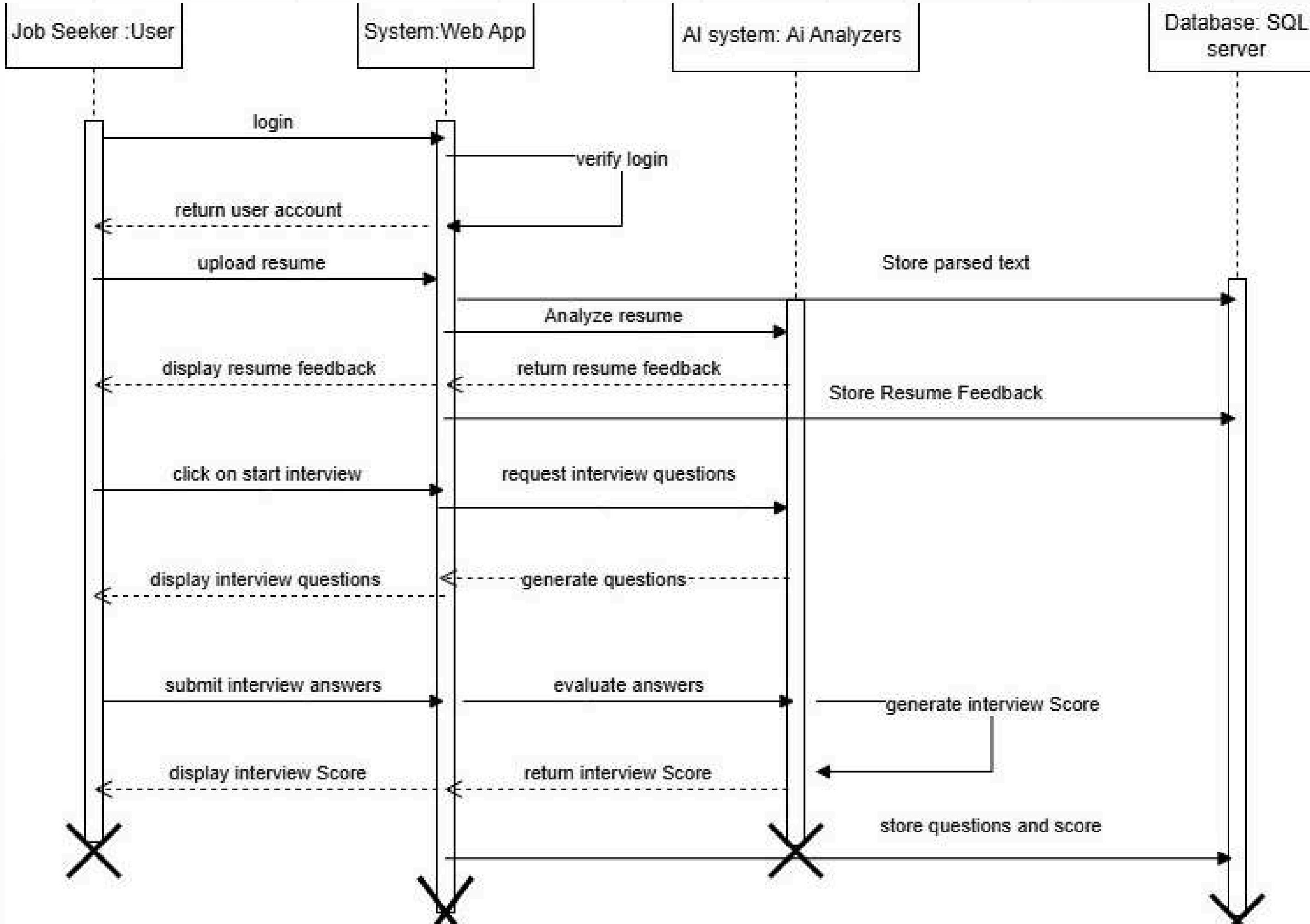
- SQL Server Database
- Repository Pattern
Abstracts database operations
- Unit of Work Pattern
Manages transactions and data consistency
- Entity Framework Context

USECASE DIAGRAM

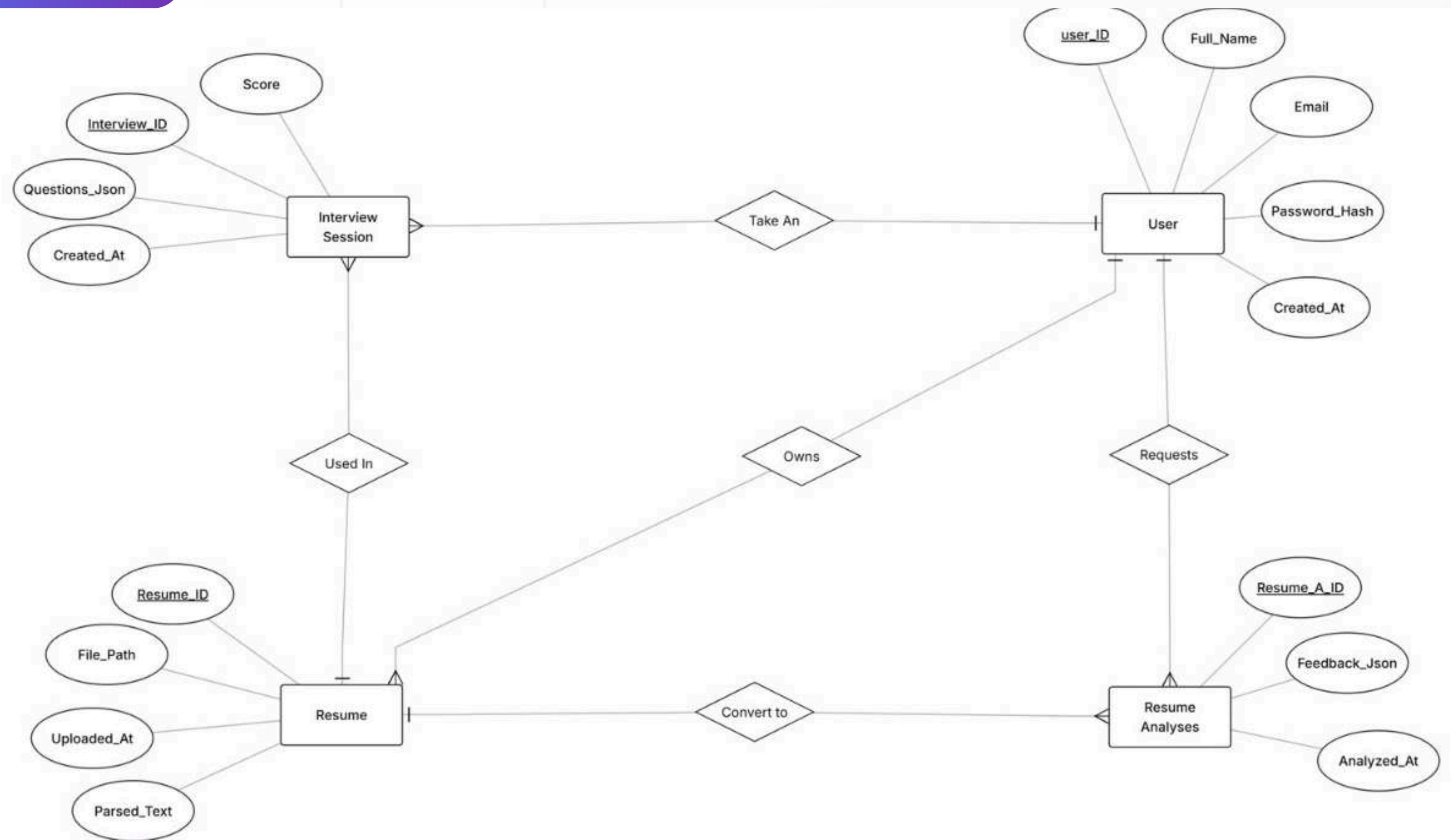


SEQUENCE DIAGRAM

DEPI



ERD DIAGRAM



DEPI



THANK
YOU