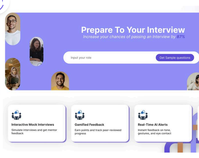
UI/UX (2024)

Prep-Genie

The innovative world of job preparation, where AI automates and interviews.

AI | Interview Preparation | Job Interview



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ABOUT PROJECT

AI-DRIVEN INTERVIEW PREP FOR CONFIDENT JOB PERFORMANCE

AI | Interview Preparation | Gamification | Efficient | Real Time Simulation

Problem Statement: Many job seekers struggle with interview preparation, facing challenges in answering questions confidently, maintaining proper body language, and presenting themselves effectively. They often lack access to personalized feedback to help them improve these skills, leading to anxiety and lower success rates in job interviews.

BRIEF

The project aims to create an innovative platform that addresses the challenges faced by job seekers during interviews. By leveraging advanced AI and gamification technologies like Artificial Intelligence (AI) and Virtual Reality (VR), the platform will provide a personalized and immersive interview preparation experience. The tool will help users confidently handle interview questions, improve body language, and enhance overall performance through interactive mock interviews, and actionable insights will be at the core of this solution, enabling users to overcome anxiety and achieve higher success rates in job interviews.

OBJECTIVES

The objective is to develop a platform using AI & VR to provide personalized feedback, realistic mock interviews, and skill-building tools, aiming to boost interview confidence, performance, and readiness for interviews.

AIM

To empower job seekers with a gamified platform, AI and VR-driven platform that enhances their interview preparation process by providing personalized feedback, realistic mock interviews, and skill-building tools to boost their confidence and success rates.

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DESIGN THINKING

Is a human-centered interaction process that allows our team to better understand user needs, question assumptions, rethink problems, and create innovative solutions for prototyping and testing.

SECONDARY RESEARCH

Recently published information services and interview assistants services based on big data and AI technology are dominant quickly available to increase an interview success rate. Although there are many AI interview services, there are few studies on them. In this study, we analyzed interview system developed based on deep learning technology on which many companies are focusing. We also analyzed the interviewer's perspective on the interview system using AI technology. Interviews have been applied to employees with a diversity of AI Recruiter Interviews, and the results of the interviews were analyzed from the interviewer's point of view. We aspired to find the level of satisfaction with formula and effectiveness as high or low. We also analyzed the interviewer's perspective on the interview system using AI and qualitative usage of Crowd-sourced data. We conducted the survey of general view of interviewers' perspective on the interview system using AI. We also analyzed the interviewer's perspective on the Video based hiring based job interviews service proposed by the Linked-in, mainly due to its popularity and the interviewer's perspective on the interview system using AI.

AI technology-based interview system	Human-AI collaborative decision-making	Application interviews	Automatic proposal of the interviewer	Result of AI-based interview system

There is a 26.24% chance; that every job seeker will secure an offer for employment.

Only 20% of applicants are chosen to be interviewed.

67% of companies use video interviews as part of their recruiting processes

92% ranked soft skills on par or above technical abilities when considering applicants.

Eye contact, according to 67% of recruiters, is critical in creating a lasting positive impression.

In recent years, behavioural interview questions have surged in popularity, with 91% of hiring managers using them, according to a LinkedIn poll.

Average success rate for job interviews of approximately 2%; meaning out of 100 applicants only two are hired

92% Hiring managers value soft skills as much as or more than technical skills.

60% Recruiters use video technology for candidate interviews.

65% Recruiters worldwide use AI tools in recruitment processes,

50% Candidates fail interviews due to insufficient knowledge about the company or role

93% Candidates experience interview anxiety, significantly impacting their performance

0.4% Applicants secure the job

93% Employers plan to continue with video interviews helping to shorten the hiring timeframe.

20% Interviews are conducted annually

55% Hiring decisions rely on non-verbal communication.

The study found that significant shift toward remote interviews, with 75% favoring them. Approximately 65% of hiring processes now begin with virtual interviews which lowers anxiety of candidates, reflecting their efficiency and accessibility. In contrast, in-person interviews are increasingly reserved for final rounds or for roles requiring physical presence. The overall trend shows a trend has been driven by the flexibility of virtual formats, enabling companies to expedite hiring processes and reduce costs, while walk-in interviews remain limited to specific sectors like retail and hospitality.

JOB INTERVIEW STATISTICS

PRIMARY RESEARCH

+30

Problem Identified and Functionality research

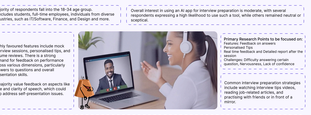
We researched the through surveys and interviews to understand the struggles job seekers face in interview preparation, and problems in existing websites.

Our research allowed us to identify key concerns faced by users in the features of existing interview systems, including difficulties in answering questions confidently, managing body language, and presenting themselves effectively during interviews.

What is your age?

What Industry you are in?

How useful do you think the following features would be in an AI-based interview app?



What challenges do you currently face when preparing for job interviews?

Which interview feedback feature do you find most important?

What Industry you are in?

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RESEARCH INSIGHTS

Majority of respondents fall into the 18-34 age group. It includes students, full-time employees, individuals from diverse industries, such as IT/Software, Finance, and Design and more.

Overall interest in using an AI app for interview preparation is moderate, with several respondents expressing a high likelihood to use such a tool, while others remained neutral or sceptical.

Highly favoured features include mock interviews, personalized feedback, and resume reviews. There is a strong demand for feedback on performance aspects, including confidence and clarity answers to questions and overall presentation skills.

A majority value feedback on aspects like tone and clarity of speech, which could help address self-presentation issues.

Primary Research Points to be focused on:
Features: Feedback on answers
Personalized Tips
Real-time feedback and Detailed report after the session
Challenges: Difficulty answering certain questions, Nervousness, lack of confidence

Responders reported challenges such as nervousness, lack of confidence, difficulty answering specific questions, and poor body language. Limited access to mock interviews was also frequently mentioned.

Common interview preparation strategies include watching interview tips videos, practicing with friends or family, practicing with friends or in front of a mirror.

Overall interest in using an AI app for interview preparation is moderate, with several respondents expressing a high likelihood to use such a tool, while others remained neutral or sceptical.

A significant portion of respondents reported limited or no structured preparation, relying instead on passive methods like reading and videos.