

Virtual Interview Conduction and Evaluation System Using Artificial Intelligence

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Abstract: *In the evolving landscape of education and recruitment, the demand for scalable, unbiased, and efficient interview practice solutions has increased significantly. This paper presents a system titled "Virtual Interview Conduction and Evaluation System Using Artificial Intelligence," which aims to replicate a real-world interview environment using AI-driven voice agents. Built using Next.js, Firebase, and the Vapi AI API, the system conducts mock interviews and provides automated feedback on the user's performance. Key evaluation metrics include confidence, clarity, speech patterns, and overall communication. This paper explores the design, implementation, and effectiveness of the system in enhancing interview preparedness for students and job seekers.*

Keywords: *recruitment*

