

An Abstract
On
Self-Learning Exam Simulation Platform with AI Interview and Analytics

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Self-Learning Exam Simulation Platform with AI Interview and Analytics

ABSTRACT

This project introduces a **Self-Learning Exam Simulation Platform with AI Interview and Analytics** that provides a digital solution for job exam preparation through realistic mock exams, AI-driven interview simulations, and automated performance evaluation. It addresses the limitations of traditional preparation methods that depend on manual assessment, subjective feedback, and unstructured practice. The platform focuses on improving skill assessment by using simulation-based technology to deliver accurate, consistent, and personalized learning insights across educational and training environments.

The system enables users to practice in a real-time exam environment, receive automated scoring, and obtain detailed performance analytics highlighting strengths, weaknesses, and improvement areas. By integrating self-learning mechanisms, intelligent analytics, and secure web-based application methodologies, the platform enhances learning efficiency, reduces manual effort, and supports continuous skill development. The proposed solution can be effectively adopted in educational institutions, training centers, and professional skill-development programs to promote structured learning and reliable performance evaluation.

PROJECT GUIDE

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