

ABSTRACT

“The AI-powered Intelligent Interview and Evaluation Platform Technical Interview Platform” focuses on improving the efficiency, structure, and accessibility of technical hiring through a unified digital system. The platform integrates real-time communication tools such as secure video calls, screen sharing, and session recording with an interactive coding environment, enabling seamless collaboration between interviewers and candidates. By combining live coding, synchronized interactions, and an organized interview workflow, the system minimizes technical disruptions and enhances the fairness and accuracy of candidate evaluations.

Aligned with **SDG 9 – Industry, Innovation, and Infrastructure**, this solution promotes innovation and supports modern digital recruitment practices by offering a reliable, scalable, and user-friendly platform for remote technical assessments.

LIST OF ABBREVIATIONS

Abbreviation	Description
SDLC	Software Development Life Cycle
SRS	Software Requirements
HTML	Hype Text Markup Language
UM	Unified Modelling Language
DB	Database
UI	User Interface
API	Application Programming Interface
UX	User Experience
MERN	Mongodb, Express.js, React.js, Node.js
CRUD	Create, Read, Update, Delete
CSS	Cascading Style Sheets
JS	JavaScript
JSON	Java Script Object Notation

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