

AI-POWERED BOARD ROOM INTERVIEW SIMULATOR

A

MAJOR PROJECT - I REPORT

Submitted in partial fulfillment of the requirements
for the degree of

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE & ENGINEERING

By

GROUP NO. 14

Mahendra Patidar **0187CS221114**

Poorva Shrivastava **0187CS221150**

Umang Agrawal **0187CS221208**

Vineet Bhangale **0187CS221213**

Under the guidance of

Prof. Ansul Sarawagi

(Associate Professor)



Department of Computer Science & Engineering
Sagar Institute of Science & Technology (SISTec), Bhopal (M.P)

Approved by AICTE, New Delhi & Govt. of M.P.
Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal (M.P.)
December-2025

Sagar Institute of Science & Technology (SISTec), Bhopal (M.P)

Department of Computer Science & Engineering



CERTIFICATE

We hereby certify that the work which is being presented in the B.Tech. Major Project-I Report entitled **AI-POWERED BOARD ROOM INTERVIEW SIMULATOR**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology**, submitted to the Department of **Computer Science & Engineering**, Sagar Institute of Science & Technology (SISTec), Bhopal (M.P.) is an authentic record of our own work carried out during the period from Jul-2025 to Dec-2025 under the supervision of **Prof. Ansul Sarawagi**.

The content presented in this project has not been submitted by me for the award of any other degree elsewhere.

Mahendra Patidar
0187CS221114

Poorva Shrivastava
0187CS221150

Umang Agrawal
0187CS221208

Vineet Bhangale
0187CS221213

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.
Date:

Prof. Ansul Sarawagi
Project Guide

Prof. Nargish Gupta
HOD, CSE

Dr. Manish Billore
Principal

ACKNOWLEDGEMENT

We would like to express our sincere thanks to **Dr. Manish Billore, Principal, SISTec and Dr. Swati Saxena, Vice Principal SISTec** Gandhi Nagar, Bhopal for giving us an opportunity to undertake this project.

We also take this opportunity to express a deep sense of gratitude to **Prof. Nargish Gupta, HOD, Department of Computer Science & Engineering** for his kind hearted support.

We extend our sincere and heartfelt thanks to our guide, **Prof. Ansul Sarawagi** for providing us with the right guidance and advice at crucial junctures and for showing us the right way.

I am thankful to the **Project Coordinator, Prof. Deepti Jain**, who devoted her precious time in giving us the information about various aspects and gave support and guidance at every point of time.

I would like to thank all those people who helped me directly or indirectly to complete my project whenever I found myself in any issue.

TABLE OF CONTENT

TITLE		PAGE NO.
Abstract		i
List of Abbreviation		ii
List of Figures		iii
Chapter1	Introduction	1
	1.1 About Project	1
	1.2 Purpose	1
	1.3 Project Objective	1
	1.4 Significances of Project	2
Chapter2	Software & Hardware Requirements	3
Chapter3	Problem Description	5
Chapter4	Literature Survey	7
Chapter5	Software Requirements Specification	9
	5.1 Functional Requirements	9
	5.2 Non-Functional Requirements	10
Chapter6	Software and Hardware Design	12
	6.1 Use Case Diagram	12
	6.2 System Architecture	13
Chapter 7	Web Modules	15
Chapter 8	Coding	17
Chapter 9	Result and Output Screens	46
Chapter 10	Conclusion and Future work	52
References		
Project Summary		
Appendix-1: Glossary of Terms		