A

PROJECT REPORT

ON

"Breast CancerSenseAI"

SUBMITTED BY -

Mr. Rahul Vilas Jadhav Seat no: 10882

UNDER THE GUIDANCE OF

Mr. Prasad Shaha

SAVITRIBAI PHULE PUNE UNIVERSITY (SPPU)
MASTER OF COMPUTER APPLICATIONS



DR. D. Y. PATIL UNITECH SOCIETY'S
DR. D. Y. PATIL INSTITUTE OF MANAGEMENT AND RESEARCH, PIMPRI,
PUNE-18

2024-2025

## PU

# Dr. D. Y. Patil Unitech Society's Dr. D.Y. PATIL INSTITUTE OF MANAGEMENT & RESEARCH Sant Tukaram Nagar, Pimpri, Pune-411018

Recognized by the Savitribai Phule Pune University (SPPU-IMMP014220) AISHE CODE C-42109

Recipient of	the "Best College Award	"
of Savitribai	Phule Pune University	

Accredited by NAAC with "A++ Grade" (CGPA 3.52)

MBA & MCA Programme Accredited by NBA

### **CERTIFICATE**

This is to certify that **Mr. Rahul Vilas Jadhav** has successfully completed the project on "**Breast CancerSenseAI**" as a partial fulfilment of his **Master of Computer Applications (MCA-II Sem-III)** under the curriculum of **Savitribai Phule Pune University, Pune** for the academic year 2024-25.

Mr.Prasad Shaha

Dr. Shikha Dubey

Dr. Vishal Wadajkar

**Project Guide** 

H.O.D. MCA

Director

Signature

Signature

Name

Name

**Internal Examiner** 

**External Examiner** 

Date:

Date:

#### Acknowledgement

The success and final outcome of the "Breast CancerSense AI" project required a great deal of guidance and assistance from many individuals, and I am deeply grateful for all the support I received throughout the completion of this project. I would like to extend my heartfelt thanks to everyone who played a part in making this project possible.

First and foremost, I sincerely thank our Director, **Dr. Vishal Wadajkar**, and our Head of Department, **Dr. Shikha Dubey**. Their vision, encouragement, and unwavering support provided me with the necessary environment and resources to carry out this project. I am extremely grateful for their guidance and the opportunities they afforded me.

I owe a special gratitude to my project guide, **Mr. Prasad Shaha**, for his invaluable insights, expertise, and continuous support. His mentorship was instrumental in guiding me through the complexities of the project, and his encouragement kept me motivated throughout the journey.

I am also deeply appreciative of the entire teaching staff, whose constant encouragement, support, and advice were crucial to the successful completion of my project. Their dedication to my education and their willingness to assist me whenever needed did not go unnoticed.

Additionally, I would like to extend my sincere thanks to the staff in the laboratory for their timely support and assistance. Their help was invaluable in ensuring that I had the resources and technical support necessary to bring my project to fruition.

Finally, I am thankful to my peers and everyone else who contributed directly or indirectly to this project. Your support, feedback, and encouragement have been vital in helping me achieve my goals.

This project is a testament to the collaborative spirit and dedication of everyone involved. I am profoundly grateful for the collective effort and guidance that helped me navigate this journey and achieve my objectives.

#### **Table of Content**

Sr no.	Title	Page no.
1	Introduction to Proposed System	
	1) Problem Definition	
	2) System Overview	1-3
	3) Project Functionalities with Module Specification	
	4) Operating Environment (H/W & S/W Requirement	
	Specification)	
2	Overview of the Proposed System	
_	1) Proposed System	
	2) Objectives of the System	4-8
	3) Feasibility Study	4.0
	4) User Requirement Specification	
	,	
3	System Analysis &Design	
	1) Data Flow Diagram (Context Level Diagram)	
	2) Class Diagram/ ERD	
	3) Activity Diagram	9-13
	4) Data Dictionary with Table Specification	
	5) Use Case Diagram	
4	User Manual	
	1) Operational Instructions	
	2) Input/output Screens	14-20
	3) Reports	
5	System Limitation	21
6	<b>Future Enhancement and Conclusion</b>	22
7	Bibliography and Glossary (Definitions, Acronyms and	23
	Abbreviations used in the Proposed System)	_