

A
Project Report
On
Hair Stylers

Submitted by
Mr. Lagad Shubham Sambhaji
MCA- II SEM – III

Guided by
Prof. Kumudini Manwar
For the Academic Year 2022-23

Sinhgad Technical Education Society's
SINHGAD INSTITUTE OF MANAGEMENT,
Vadgaon Bk, Pune

(Affiliated to Savitribai Phule Pune University,
Approved by AICTE& Accredited by National Board
of Accreditation, New Delhi).

CERTIFICATE

This is to certify that Mr. **Lagad Shubham Sambhaji**, has successfully completed his project work entitled “**Hair Stylers**” in partial fulfilment of MCA-II SEM-III Mini Project for the year 2021-2022. He has worked under our guidance and direction.

Prof. Kumudini Manwar

Project Guide

Dr. Chandrani Singh

Director, SIOM-MCA

Examiner 1

Examiner 2

Date:

Place:

DECLARATION

We certify that the work contained in this report is original and has been done by us under the guidance of my supervisor(s).

- The work has not been submitted to any other Institute for any degree or diploma.
- We have followed the guidelines provided by the Institute in preparing the report.
- We have conformed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.
- Whenever we have used materials (data, theoretical analysis, figures, and text) from other sources, we have given due credit to them by citing them in the text of the report and giving their details in the references.

Name and Signature of Project Team Members:

Sr. No.	Seat No.	Name of students	Signature of students
1		Lagad Shubham Sambhaji	

ACKNOWLEDGEMENT

We have immense pleasure in expressing our sincerest and deepest sense of gratitude towards our **Guide Prof. Kumudini Manwar** for the assistance, valuable guidance and co-operation in carrying out this Project successfully. We have developed this project with the help of Faculty members of our institute and we are extremely grateful to all of them. We also take this opportunity to thank **Director Dr. Chandrani Singh**, for providing the required facilities in completing this project. We are greatly thankful to our parents, friends and faculty members for their motivation, guidance and help whenever needed.

Thank You,

Lagad Shubham Sambhaji

Index

Chapter No		Details	Page No.
1		Introduction	1
	1.1	Company Profile / Institute Profile / Client Profile	1
	1.2	Abstract	1
	1.3	Existing System and Need for System	2
	1.4	Scope of System	3
	1.5	Operating Environment - Hardware and Software	4
	1.6	Brief Description of Technology Used 1.6.1 Operating systems used (Windows or Unix) 1.6.2 RDBMS/No SQL used to build database (MySQL/ oracle, Teradata, etc.)	5
2		Proposed System	6
	2.1	Study of Similar Systems (If required research paper can be included)	6
	2.2	Feasibility Study	7
	2.3	Objectives of Proposed System	8
	2.4	Users of System	8
3		Analysis and Design	9
	3.1	System Requirements (Functional and Non-Functional requirements)	9
	3.2	Entity Relationship Diagram (ERD)	10
	3.3	Table Structure	10
	3.4	Use Case Diagrams	14
	3.5	Class Diagram	17
	3.6	Activity Diagram	18
	3.7	Deployment Diagram	19
	3.8	Module Hierarchy Diagram	19
	3.9	Sample Input and Output Screens (Screens must have valid data. All reports must have at-least 5 valid records.)	21
4		Coding	30
	4.1	Algorithms	
	4.2	Code snippets	
5		Testing	44
	5.1	Test Strategy	44
	5.2	Unit Test Plan	45

	5.3	Acceptance Test Plan	45
	5.4	Test Case / Test Script	45
	5.5	Defect report / Test Log	46
6		Limitations of Proposed System	47
7		Proposed Enhancements	47
8		Conclusion	47
9		Bibliography	48
10		Publication / Competition certificates	48
11		Appendix – Cost sheet, Data sheet	
12		User Manual (All screens with proper description/purpose Details about validations related to data to be entered.)	48