



## Government Engineering College Sector-28, Gandhinagar

### **DECLARATION**

We hereby declare that the Internship / Project report submitted along with the Internship / Project entitled **HalloDoc Platform** submitted in partial fulfillment for the degree of Bachelor of Engineering in Computer Engineering to Gujarat Technological University, Ahmedabad, is a bonafide record of original project work carried out by me at Tatvasoft Pvt. Ltd under the supervision of Ms. Sweety Patel and that no part of this report has been directly copied from any student's reports or taken from any other source, without providing due reference.

Name of the Student

Sign of the Student

Jadeja Shlok Rajeshbhai Yash Amitbhai Patel Vishva Sandipkumar Rami

#### **ACKNOWLEDGEMENT**

We would like to give special thanks to **Tatvasoft Pvt. Ltd** and **Government Engineering**College, Gandhinagar to give us this wonderful opportunity of internship of Web Development.

We are very happy that we got this opportunity to learn from the professionals and improve ourself to be ready to work in the industry. It is a pleasure to work as a web developer intern at Tatvasoft Pvt. Ltd because they have very good professional team from whom we can learn and they have the best atmosphere to work in. Apart from that we would like to thanks to my mentor Ms. Sweety Patel and Prof. Dr. Pratik Barot who helped and supported us during this internship.

#### **ABSTRACT**

This is the report of our work which we have done during our final semester internship at Tatvasoft Pvt Ltd, which is a service based company. we completed internship of 3 months. In the first month we got training about the basic web development and ASP .NET technologies. After that we worked on the self-learning project titled **HalloDoc Platform** as a part of the internship, which is basically a provide service type website. In this project we made frontend pages and then integrate those pages with backend using .NET MVC core.

The platform will offer online Doctors consultation and Diagnostics services. The HalloDoc platform, also known as a health-care website, serves as a valuable tool for doctors to enhance patient care and streamline their work processes. It offers a user-friendly interface that simplifies various tasks for doctors. They can conveniently access patient records, efficiently manage appointments, and securely communicate with their patients. Additionally, patients can utilize the website to request care for themselves or on behalf of others.

# **Table of Contents**

Declaration	I
Acknowledgement	II
Abstract	III
Table of Contents	IV
Chapter 1 Overview of the company	1
1.1 Tatvasoft	1
Chapter 2 Introduction	2
1.1 Purpose	2
1.2 Tools and Technologies Used	2
Chapter 3 System Design	3
3.1 Introduction	3
3.2 Timeline Chart	5
3.3 Technology Details	6
Chapter 4 Analysis	8
4.1 Software Requirements Specifications	8
4.2 Use Case Diagram	11
4.3 Class Diagram	12
4.4 Activity Diagram	13
4.5 Sequence Diagram	14
4.6 ER Diagram	15
Chapter 5 Design	17
5.1 Database design	17
5.2 Website Navigation	23
Chapter 6 Implementation Details	54
6.1 Authentication Module	54
6.2 Request Module	56
6.3 Admin Module	58
6.4 Patient Module	62
Chapter 7 Authentication and Validation Testing	64

#### 418622

7.1 Create Account Validation	64
7.2 Login Authentication Validation	65
7.3 All Form Validation	65
Chapter 8 Learning and Working Experience	67
Chapter 9 Conclusion and Future Extensions	68
9.1 Conclusion	68
9.2 Future Extensions	68
Chanter 10 References	70