RESTAURANT MANAGEMENT SYSTEM

#### A Project Report

Submitted in partial fulfillment of the Requirements

for the award of the Degree of

### BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)

**By**

## YASH GOPI WAGHADHARE

## Seat Number : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Under the esteemed guidance of

### MRS. MEDHA SAHASRABUDDHE

**Assistant Teacher at Information Technology**

**Department of Gogate Jogalekar College, Ratnagiri**



**DEPARTMENT OF INFORMATION TECHNOLOGY**

### GOGATE JOGALEKAR COLLEGE, RATNAGIRI

***( Affiliated to University of Mumbai )***

**RATNAGIRI, 415612 MAHARASHTRA**

**2022-23**

# PROJECT PROPOSAL

|  |  |
| --- | --- |
| **P.R.N. Number :** | **Roll Number :** TTA-15 |
|  |  |
| 1. **Name of Student :** | Yash Gopi Waghadhare |
| 1. **Title of the Project :** | Online Restaurant Management System |
| 1. **Name of the Guide :** | Mrs. Medha Sahasrabuddhe. |
| **4.Teaching experience :** | 9 years |
| 1. **Is this your first submission ?** | Yes | No |
| Signature of the Student | Signature of the Guide |
| Date : | Date : |
| Signature of the Coordinator | |
| Date : | |

**GOGATE JOGALEKAR COLLEGE, RATNAGIRI**

***(Affiliated to University of Mumbai)***

### RATNAGIRI-MAHARASHTRA-415612

### DEPARTMENT OF INFORMATION TECHNOLOGY



|  |  |  |
| --- | --- | --- |
| Internal Guide | External Examiner | HOD / Coordinator |
| Date: |  | College Seal |

**CERTIFICATE**

This is to certify that the project entitled, **“ONLINE RESTAURANT MANAGEMENT SYSTEM”** , is bona-fide work of **“YASH GOPI WAGHADHARE”** bearing **Seat. No : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE in **“INFORMATION TECHNOLOGY”** from **“University of Mumbai”**.

# DECLARATION

I hereby declare that the project entitled, **“RESTAURANT MANAGEMANET SYSTEM”** done at **“Gogate Jogalekar College, Ratnagiri”**, has not been in any case duplicated to submitted to any other university for the award of any degree. To the best of my knowledge, other than me, no one has submitted to any other university.

The project is done in partial fulfillment of the requirements for the award of degree of **“BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)”** to be submitted as a final semester project as part of our curriculum.

**YASH GOPI WAGHADHARE.**

# ABSTRACT

**Customer satisfaction** is the key to the **success of any business**. **Online restaurant management systems** enhance operational efficiency through the use of an online system. A system can increase customer satisfaction by **leaving a system to each employee**, as well as this system allows **managers and owners** to **easily monitor** the **work** and **progress** of the restaurant.

Currently, some **stand-alone systems** are available, but we want to **improve** them by creating an **online system** which greatly improves **communication between owner and employee**. The goal is to create a system that can work efficiently for our clients and it will result in increasing overall efficiency in managing a restaurant business .

# ACKNOWLEDGEMENT

I would like to express my sincere gratitude to everyone for supporting me throughout my project. First, I wish to express my sincere gratitude to my guide **Mrs. Medha Sahasrabuddhe** madam for her enthusiasm, patience, insightful comments, helpful comments and information, practical advice and unceasing ideas that have helped me tremendously at all times. Her immense knowledge and profound experience has enabled me to complete this project successfully. Without her support and guidance, this project would not have been possible.

I also wish to express my sincere thanks to the **Head of the Department** of Information Technology, **Mrs. Medha Sahasrabuddhe** , **Coordinator Dr. Vivek Bhide** , **Vice Principal Dr. Aparna Kulkarni** and **Principal** of GJC **Dr. Prafulladatta Kulkarni** for their support and the facilities they have made available. I am also grateful to the staff of the department of information technology for their consistent support and assistance.

I also wish to express my sincere thanks to our college for their support and for the facilities they have made available. Thanks all for your encouragement. This project has been a wonderful experience where we have learn and experienced many beneficial things.

**TABLE OF CONTENT :**

|  |  |  |
| --- | --- | --- |
| **Sr.No.** | **Index** | **Page No.** |
| **1.** | **Introduction** | **10** |
|  | 1.1 Background | 10 |
|  | 1.2 Objectives | 10 |
|  | 1.3 Purpose, Scope and Applicability | 10 |
|  | 1.3.1 Purpose | 10 |
|  | 1.3.2 Scope | 10 |
|  | 1.3.3 Applicability | 10 |
| **2.** | **System analysis** | **11** |
|  | 2.1 Existing Systems | 11 |
|  | 2.2 Proposed System | 11 |
|  | 2.3 Requirement analysis | 11 |
|  | 2.3.1 User Requirements | 11 |
|  | 2.3.2 Development Requirements | 11 |
|  | 2.4 Planning And Scheduling – Gantt Chart | 12 |
| **3.** | **System Design** | **14** |
|  | 3.1 Modules | 14 |
|  | 3.2 Database | 15 |
|  | 3.3 Figures | 19 |
|  | 3.4 User Interface Design | 23 |
|  | 3.5 Test Cases Design | 25 |

|  |  |  |
| --- | --- | --- |
| **Sr.No.** | **Index** | **Page No.** |
| **4.** | **Implementation and Testing** | 26 |
|  | 4.1 Code | 0 |
|  | 4.2 Testing approaches | 0 |
| **5.** | **Result and discussion** | 0 |
| **6.** | **Conclusion** | 0 |
| **7.** | **Reference** | 0 |

**LIST OF FIGURES :**

|  |  |  |
| --- | --- | --- |
| **Sr.No.** | **Figures** | **Page No.** |
| 1. | 1. R. Diagram | 0 |
| 2. | Activity Diagram | 0 |
| 3. | Sequence Diagram | 0 |
| 4. | Use-Case Diagram | 0 |
| 5. | Class Diagram | 0 |

**LIST OF TABLES :**

|  |  |  |
| --- | --- | --- |
| **Sr.No.** | **Figures** | **Page No.** |
| 1. | Restaurant\_Category | 0 |
| 2. | Restaurant\_Items | 0 |
| 3. | Restaurant\_order | 0 |
| 4. | Restaurant\_order\_item | 0 |
| 5. | Restaurant\_table | 0 |
| 6. | Restaurant\_tax | 0 |
|  | Restaurant\_user | 0 |