**ABSTRACT**

The aim of the project is to automate the process of day to day activities of hotel like admission of a new customer, assign a room according to customer's demand. The system has been designed to computerized the following functions that are performed by the system: room detail functions, check-in and check-out detail functions, package available, total number of customers in the hotel. The project intends to introduce more user friendliness in the various activities such as record updation, maintenance and searching. The basic need of the website is efficiency. The website should be efficient so that whenever a new user submits details the website is updated automatically.

**TABLE OF Contents**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CHAPTER No TITLE PAGE No** | | | | |
| **1** |  |  | **INTRODUCTION TO THE PROJECT** | **1** |
| **2** |  |  | **REQUIREMENT SPECIFICATION** | **3** |
|  | 2.1 |  | Functional Requirements | 3 |
|  | 2.2 |  | Non-Functional Requirements | 3 |
|  | 2.3 |  | Hardware Requirements | 4 |
|  | 2.4 |  | Software Requirements | 4 |
| **3** |  |  | **SYSTEM DESIGN** | **5** |
|  | 3.1 |  | Basic Information | 5 |
|  | 3.2 |  | ER diagram | 5 |
|  | 3.3 |  | Use Case diagram | 6 |
|  | 3.4 |  | Data Flow diagram | 6 |
| **4** |  |  | **IMPLEMENTATION** | **8** |
|  | 4.1 |  | Code Snippets | 8 |
| **5** |  |  | **TESTING** | **12** |
| **6** |  |  | **SCREEN SHOTS** | **13** |
|  |  |  | **CONCLUSION AND SCOPE FOR FUTURE WORK** | **17** |
|  |  |  | **BIBLIOGRAPHY** |  |

**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **FIGURE No** | **TITLE** | **PAGE No** |
| 3.1 | ER diagram on Room Booking System | 5 |
| 3.2 | Use Case diagram on Room Booking System | 6 |
| 3.3 | Dataflow diagram on Room Booking System | 7 |
| 6.1 | Welcome Screen | 13 |
| 6.2 | Registration Screen | 13 |
| 6.3 | Room Booking Form | 14 |
| 6.4 | Room Booked details by users | 14 |
| 6.5 | Admin Page | 15 |
| 6.6 | Add Room page | 15 |
| 6.7 | User Details | 16 |
| 6.8 | Booking Status Page | 16 |

**LIST OF TABLE**

|  |  |  |
| --- | --- | --- |
| **Table No** | **TITLE** | **PAGE No** |
| 5.1 | Test Case for Room Booking System | 12 |