

**Pune District Education Association’s**

**Annasaheb Magar Mahavidyalaya, Hadapsar Pune**

**ARTS, COMMERCE, SCIENCE & COMPUTER**

**Project Report on**

**Bus Booking Website**

For

**Annasaheb Magar College, Hadapsar, Pune**

Submitted To

**Department of Bachelor of Business Administration(CA)**

**Savitribai Phule Pune University**

**S.Y BBA (CA) (Sem- IV) 2020-2021**

**DEVELOPED BY**

**Chate Adarsh Vikas**

**UNDER THE GUIDANCE OF**

**Prof. MANE A. C.**

**Pune District Education Association’s**

**Annasaheb Magar Mahavidyalaya, Hadapsar Pune**

**Hadapsar, Pune - 411 028.**

**DEPARTMENT OF COMPUTER SCIENCE (B.C.A, M.C.A)**

Certificate

This is to certify that Mr./Miss. **Chate Adarsh Vikas** student of Bachelor of Computer Application has satisfactorily completed the project work in **BUS Booking Website** as per the syllabus laid down by the **Savitribai Phule Pune University during** the academic year **2020-2021** and entered up his/her project report there for currently and correctly.

Date: -

*Exam Seat No.- Exam Seat No.-*

***Project Incharge******Head of Department***

***Internal Examiner******External Examiner***

**Acknowledgement**

We would like to express our deepest sense of gratitude to our reverend teacher and supervisors **Mrs. Mane A.C**, Coordinator & Lecturer, Department of Computer Application, and for her untiring guidance, constant supervision, enthusiastic encouragement, sagacious advice and an effective surveillance throughout the entire period of our project & thesis work and preparation of the manuscript. We greatly say thank you.

Here we gladly present this project report on

**“Bus Booking Website”** as part of the 5th semester BCA. At this time of submitting this report we use this opportunity tomention those people who helped us in many ways. We take this occasion to thank God, almighty for blessing us with his grace and taking our endeavor to a successful culmination. We extend our sincere and heartfelt thanks to our esteemed ***guide,* *Mrs. Mane A.C.*** for providing us with the right guidance and advice at the crucial junctures and for showing us the right way. We extend our sincere thanks to our respected ***Head of* *the Department Mrs. Mane A.C***, for allowing us to use the facilities available. We would like to thank the other faculty members also, at this occasion. Last but not the least; we would like to thank friends for the support and encouragement they have given us during the course of our work.

Submitted by,

**Chate Adarsh Vikas**

**INDEX**

|  |  |  |
| --- | --- | --- |
| **Chapter No.** | **Particular Name** | **Page No.** |
| **1** | **Introduction: -**  1.1 Introduction of System  1.2 Scope of the System  1.3 Proposed System |  |
| **2** | **Analysis**  2.1 fact Finding Technique  2.2 Feasibility Study  2.3 Hardware and software Requirement |  |
| **3** | **System Design**  3.1 Entity Relationship Diagram [ERD]  3.2 Data Flow Diagram [DFD]  3.3 Context Level Diagram  3.4 File design  3.5 Data dictionary |  |
| **4** | **Form design with i/p value** |  |
| **5** | **Report** |  |
| **6** | **Testing** |  |
| **7** | **Advantages and limitations** |  |
| **8** | **Conclusion** |  |
| **9** | **Future Enhancement** |  |
| **10** | **Bibliography** |  |

**1. Introduction**

* 1. **Introduction**

**Project Name**: Bus Booking System.

**Name of Organization**: Skytravel

The system is designed for the Administration of the Skytravel System. The system records the details of bookings, contact details and Messages.

**Technology Used:**

**Front end:** HTML, CSS and JavaScript.

**Back end:** PHP, MYSQL.

The system is very easy to use, so that any user can use without getting pre-knowledge about it. It’s very much user friendly and meet almost all daily working process requirements. The system is completely GUI based and can be use by mouse and as well as keyboard the same as Android/iOS application well customer’s user friendly connection. The system is melded in such a way that has got all features to upgrade without making much change in existing components.

**1.2 Purpose of system**

* The goal of this project is to provide a Web application for all who’s traveling to Skytravel bus passengers and Company’s administrators.
* To build an online system to manages buses, fares and their schedules.
* The passengers can access the bus service management smoothly manner.
* Product has developed by Skytravel Tours team for Travelers.
* Product is user-friendly to remotely handle by the users at any location to enhances the experience.

**1.3 Scope of the System**

* The “Bus Booking Project system” is a Web application, that Can be handle from all Computer and Mobile Devices through web browsers.
* It helps people to find the bus routes easily to their desired destination/location along with fare rates.
* The Bus Booking system is composed of two main components:   
  Client-side application:- It will run on any Computer or Mobile browsers.
* Server-side application: - It will support and interact with client-side queries.
* User’s provided their destination/location information will be saved in website portal.
* The web-portal provide for an administrator login for views the bookings information.
* The data will be held in an MYSQL database on the Hosting server. An administrator of skytravel logins in to server to creating and handle the new database entry/Changes, update an existing database entry, downloads the data from the database.

**1.4 Features Online Bus Booking System**

* **Responsive design also for mobile friendly site use.**

**USER MODULE**

* **Bus Booking**: - User can reservation daily up-down buses with checking the availability. If user want to be booking, then filling forms and details user can get the booking receipt.
* **Book vacation Pakages**: - User Can Book vacation pakages ticket by specifying type of places he want to travel and he must specify the place and date when the user is going travel. And see the seats availability. If user want to be booking, then filling forms and details user can get the booking receipt.
* **Gallary**: - System will provide the user view the top visited trips video and images.
* **Contact us**: - user can sent the web message/WhatsApp message to the admin.
* **About us**: - user can view the agency/company information, main head office location address with google map.

**ADMIN / AGENT MODULE**

* **Admin Login**: - Admin has particular user-id and password through which he can login. admin can view and access the data of reservations regarding the pakages tours and daily up-down buses bookings done by the passengers in table format. And also views the user sending messages.

**2. SYSTEM STUDY AND ANALYSIS**

**2.1. FACT FINDING TECHNIQUES**

In order to derive meaningful results and analyse the relevant information, the following fact-finding techniques were adopted by the analyst.

**OBSERVATION:**

Observation is the method followed to conduct the designed plan structure and strategy of investigation conceived so as to find out the results. As research focuses on the discovery of ideas. In order to achieve objectives of the project data is collected from various sources.

**STUDY OF DOCUMENTS (Record Review)**:

Various documents involved in the process of new client & different types of customers and discount facility and billing system were studied. Such documents were useful in designing various input documents in the proposed system

**INTERVIEW**:

Timely discussions with concerned persons i.e. Tours and Travel Manager of skytravel, Staff of the skytravel to understand the exact requirement of the system. The discussions were also useful in bringing new ideas in making the system more effective.

**QUESTIONARIES:**

In interview all points were not covered so questioner was implemented, in questioner possible questions are written on a sheet of paper and given to people so as to record their views

**2.2 FEASIBILITY STUDY**

An important outcome of the preliminary investigation is the determination that the system requested is feasible. Feasibility study is carried out to select the best system that meets the performance requirements.

Feasibility study is both necessary and prudent to evaluate the feasibility of the project at the earliest possible time. It involves preliminary investigation of the project and examines whether the designed system will be useful to the organization. Months or years of effort, thousand for millions of money and untold professional embarrassment can be averted if an in-conceived system is recognized early in the definition phase.

The different types of feasibility are: Technical feasibility, Operational feasibility, Economical feasibility.

**2.2.1 TECHNICAL FEASIBILITY**

The system must be evaluated from the technical point of view first. The assessment of this feasibility must be based on an outline design of the system requirement in the terms of input, output, programs and procedures. Having identified an outline system, the investigation must go on to suggest the type of equipment, required method developing

the system, of running the system once it has been designed.

Technical issues raised during the investigation are:

Does the existing technology sufficient for the suggested one?

Can the system expand if developed?

The project should be developed such that the necessary functions and performance are achieved within the constraints. The project is developed within latest technology.

Through the technology may become obsolete after some period of time, due to the fact that never version of same software supports older versions, the system may still be used.

So there are minimal constraints involved with this project. The system has been developed using VB the project is technically feasible for development.

**2.2.2 ECONOMIC FEASIBILITY**

The developing system must be justified by cost and benefit. Criteria to ensure that effort is concentrated on project, which will give best, return at the earliest. One of the factors, which affect the development of a new system, is the cost it would require.

The following are some of the important financial questions asked during preliminary investigation:

* The costs conduct a full system investigation.
* The cost of the hardware and software.
* The benefits in the form of reduced costs or fewer costly errors. Since the system is developed as part of project work, there is no manual cost to spend for the proposed system. Also all the resources are already available, it gives an indication of the system is economically possible for development.

**2.2.3 Behavioural Feasibility**

This feasibility test asks if the system will work when it is developed and installed.

Operational feasibility in this project:

* The proposed system offers greater level of user-friendliness.
* The proposed system produces best results and gives high performance. It can be implemented easily. So this project is operationally feasible.

**2.3 HARDWARE AND SOFTWARE REQUIREMENT**

**Hardware Required (server side):**

Processor: Intel Pentium IV 2.4 GHZ or above

Ram: 2GB or More

Hard Disk: 20GB or More

**Software Required:**

O.S: Any Latest Operating systems.

Front End: HTML, CSS, JavaScript.

Back End: Php, MySQL.

**Platform for use:** Any Web Browser i.e. Google Chrome, Safari, Opera, Mozilla FireFox etc.

**Software Requirements (for local hosting): -**

**Software Requirement (any one local server)**

* **WAMP Server**
* **XAMPP Server**
* **MAMP Server**
* **LAMP Server**

**Installation Steps**

1. Download zip file and Unzip file on your local server.

2. Put this file inside server folder htdocs i.e. "c:/xampp/ htdocs /”.

3. Database Configuration

Open phpmyadmin

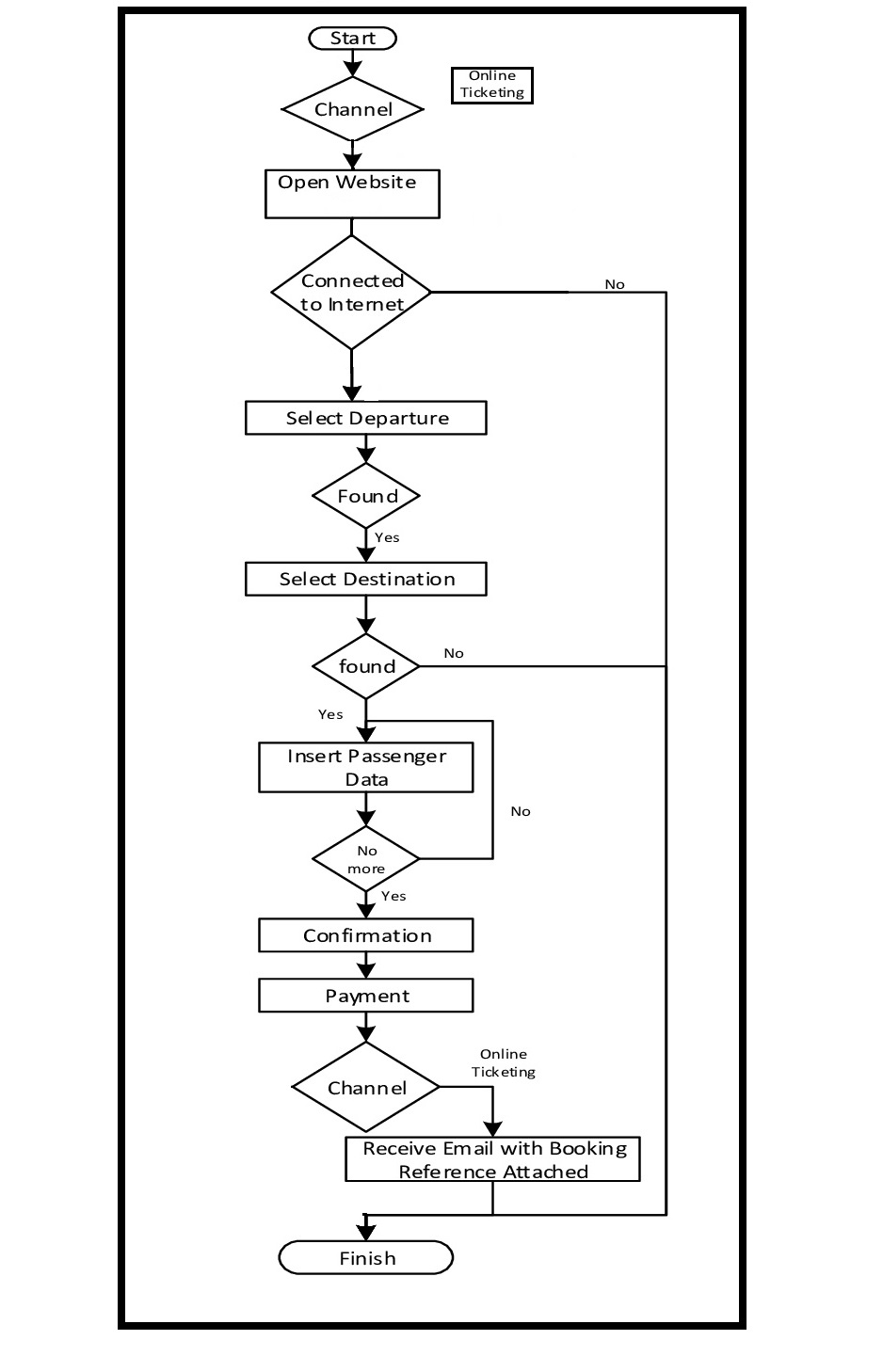
Create Database skytravel.

Import database skydb.sql from unzipped downloaded folder (inside database)

4. Open Your browser put inside <http://localhost/skytravel/>

**3 SYSTEM DESIGN**

**3.1 Entity Relationship Diagram [ERD]**

****