PROJECT REPORT
E-TICKET BOOKING SYSTEM

1. ABSTRACT

The main theme of our project is to develop software for online ticket booking system to visit public places like temples, museums. Each ticket has its own serial number which helps to identify the tickets. This website has various options like booking tickets, cancellation of tickets and check availability of tickets. The booking option helps users to book tickets from their home itself.

The main purpose of our online ticket booking system is to provide an alternate and convenient way for a customer to buy tickets for temples and museums. It is an automatic system. After the data has been fed into the database, the staff does not need to do anything with the order once it is received through the system.

2 .INTRODUCTION

An e-ticket (electronic ticket) is a paperless electronic document used for ticketing. It can help in better in crowd management of temples and museums. Each ticket has its own serial number which helps to identify the tickets. Firstly user has to create his own account to login. User can check the availability of tickets for his required destination user can enquire and get the information he required**.**
This information will be provided by the server user has to fill the required details such that place, name, age, date to book the tickets. It has to make a payment to buy the ticket user can also cancel the tickets and request for the money. The money will be refunded within a certain amount of time after booking the tickets her can get a copy of the e-ticket which is produced by the sender he can give feedback about his experience in booking the e-ticket. On other side admin confirms the login credentials of the user and updates the availability of the user and updates the availability of the tickets admin also confirm the ticket by confirming the payment status.

2.1SYSTEM REQUIREMENT

2.1.1Hardware Specification Server:

1. A desktop or laptop with a proper internet connection
2. 500GB of the hard disk
3. 4GB RAM
4. Windows 7 or 8 or 10 Operating system.

2.1.2Software Specification:

1. Server side

1. Programming language: PHP 5.6.31
2. Web Server: Apache 2.4.27
3. Database: SQL 5.7.19

2. Client side

1. Programming language: JAVASCRIPT, HTML, CSS
2. OS: windows7/8/10
3. MYSQL server

2.2Front End HTML :

Hypertext Markup Language (HTML) is the standard markup language for creating web pages and applications. Each page contains a series of connections to other pages called hyperlinks.HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. HTML elements are delineated by tags, written using angle brackets. Tags such as <img> and <input/> introduce content into page directly. It provide information about document text and may include other tags as sub- elements.

Browsers do not display the HTML tags, but use them to interpret the content of the page. HTML code ensures the proper formatting of text and images so that your Internet browser may display them as they are intended to look. Without HTML, a browser would not know how to display text as elements or load images or other elements. HTML also provide a basic structure of the page, upon which Cascading Style Sheets are overlaid to change its appearance.

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language. CSS is designed primarily to enable the separation of presentation and content, including aspects such as the layout, colors, and fonts This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple HTML pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

Hypertext Preprocessor (PHP) PHP is a widely used open source general purpose scripting language that is especially suites for web development and can be embedded into html basically, a server-side scripting language designed primarily for web development

but also used as a general-purpose programming language. PHP code may be embedded into HTML or HTML5 markup, or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server software combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications.

2.2.1 XAMP SERVER:

XAMPP is an abbreviation where X stands for Cross-Platform, A stands for Apache, M stands for MYSQL and the Ps stand for PHP and Perl, respectively. It is an open-source package of web solutions that includes Apache distribution for many servers and command- line executables along with modules such as Apache server, MariaDB PHP, and Perl.

XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server. It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, Perl, MySQL database, and PHP through the system of the host itself. Among these technologies, Perl is a programming language used for web development, Php is a backend scripting language, and MariaDB is the most vividly used database developed by MySQL. The detailed description of these components is given below

2.2.2 JAVASCRIPT:

JavaScript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages.

3.EXISTING SYSTEM:

Most of the Temples and Museums are currently using a manual system for issuing the tickets. The current system requires numerous paper forms as the data should also be stored manually.

3.1 DISADVANTAGES WITH EXISTING SYSTEM

- Difficulty in managing the data.
- Lot of manual work is required and workload on workers is more.
- Difficult to manage the crowd.
- Wastage of time for waiting in queue to get the ticket.

4.PROPOSED SYSTEM

The E-ticket booking system is designed for all temples and museums so that user can book the ticket through online by making payment. There will be so many options in this website. We can even check the availability of tickets. These services are to be provided in an efficient, cost effective manner, with the goal of reducing the time and resources currently required for such tasks.

4.1 ADVANTAGES OF PROPOSED SYSTEM

- Securely sharing electronic information with users.
- Crowd management.
- Less wastage of time.

4.2 MAJOR FEATURES OF PROJECT

- 24/7 service
- Customer information is secure
- Reduces employee work load
- Helps you stay organized
- Easy registration process
- Easy payment

5.SYSTEM IMPLEMENTATION

Implementation is the stage where the theoretical design is turned into a working system. The most crucial stage in achieving a new successful system and in giving confidence on the system for the users that will work efficiently and effectively. The system will be implemented only after through testing and if it's found to work according to the specification.

5.1 MODULES IN THE PROJECT

The system after careful analysis has been identified to be presented with the following modules and roles. The modules involved are:

1. ADMIN
2. USER

ADMIN MODULE:

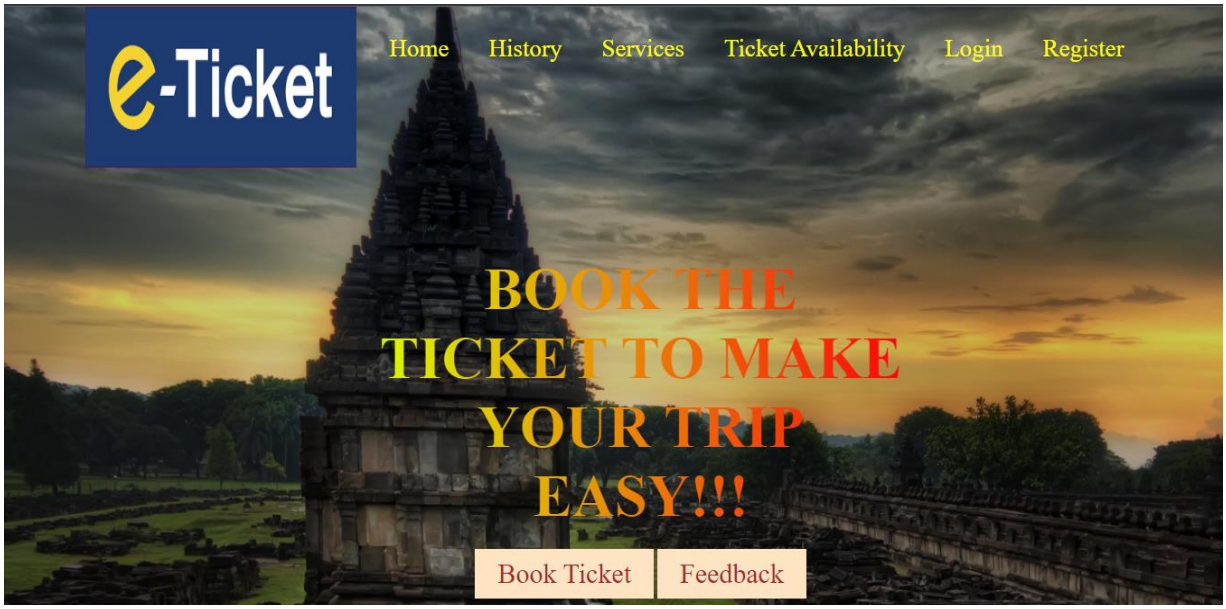
- Manage availability of tickets
- Manage ticket prices
- Manage the updation of places
- Manage user details
- Manage payments

USER MODULE:

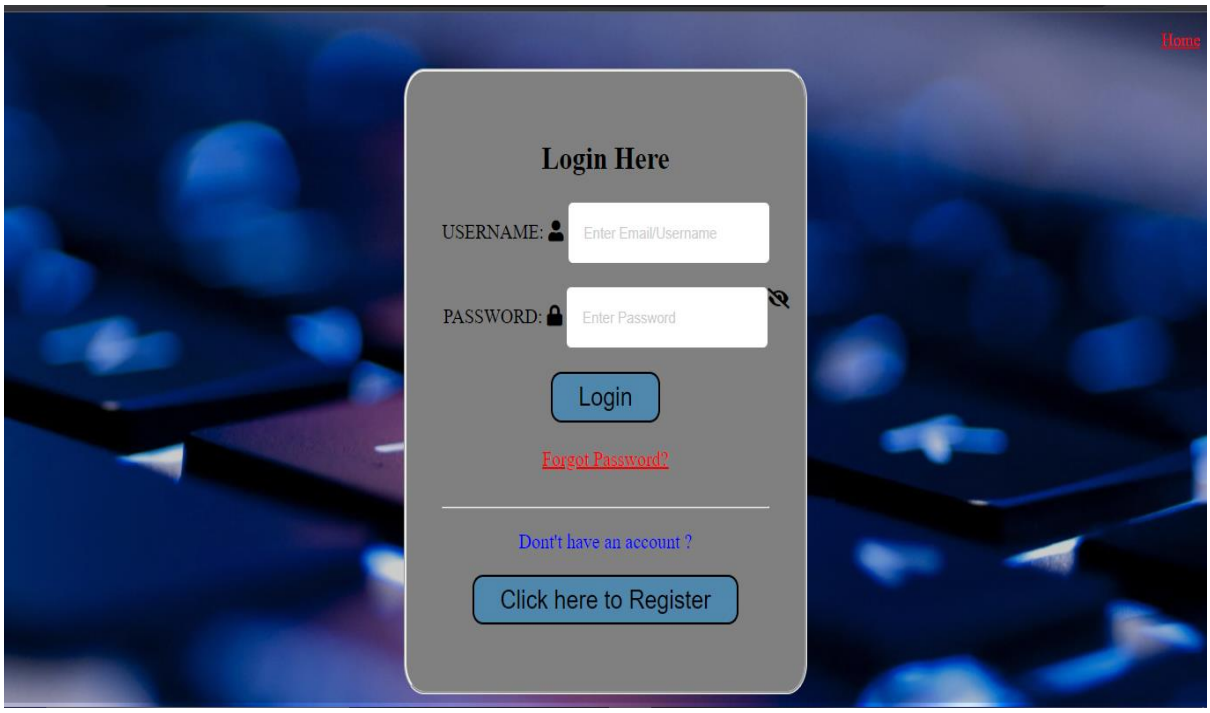
- Booking tickets
- Checking the payment history
- Cancellation of ticket

5.2 OUTPUT SCREENSHOTS:

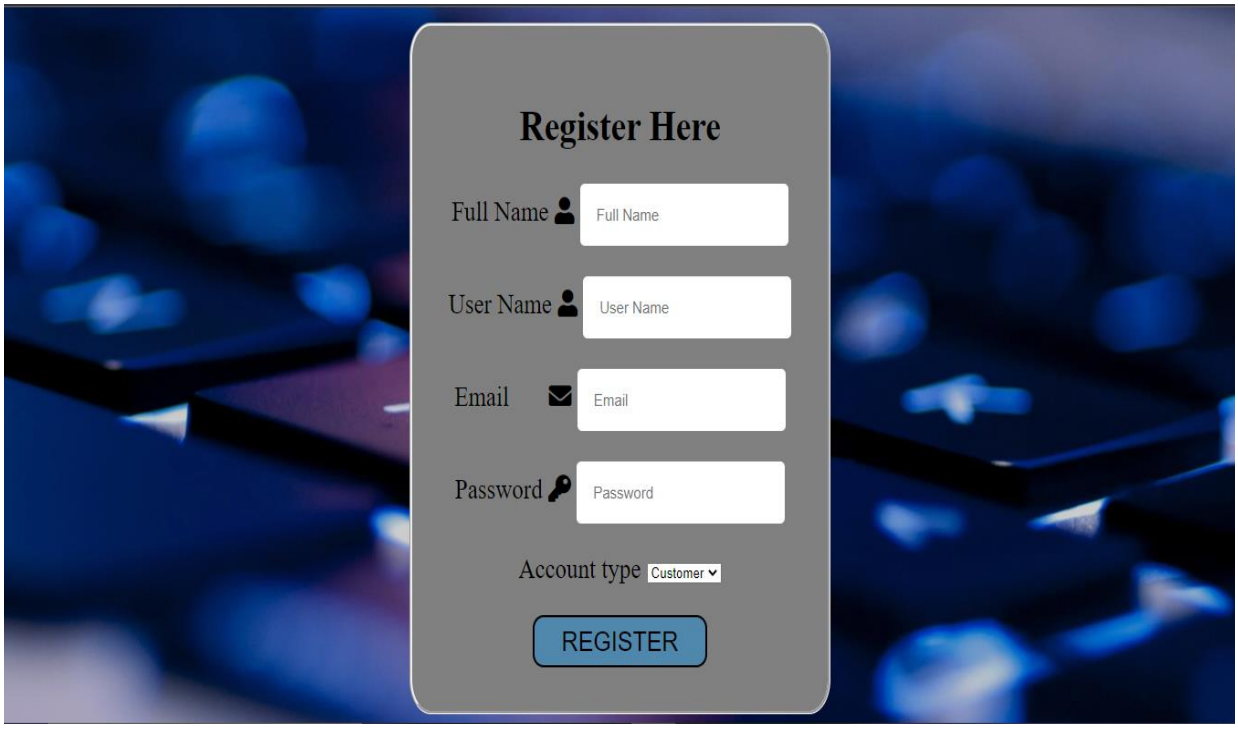
HOME PAGE:


e-Ticket
Home
History
Services
Ticket Availability
Login
Register
BOOK THE TICKET TO MAKE YOUR TRIP EASY!!!
Book Ticket
Feedback

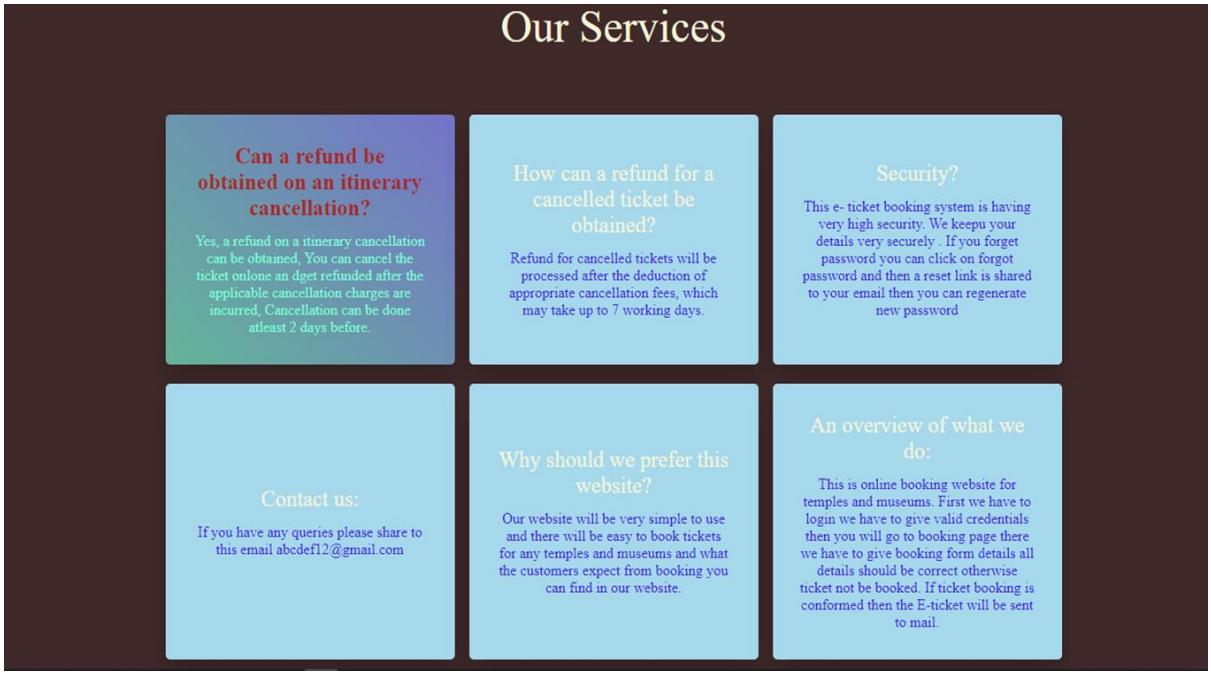
LOGIN:


Home
Login Here
USERNAME:
Enter Email/Username
PASSWORD:
Enter Password
Login
Forgot Password?
Dont't have an account ?
Click here to Register

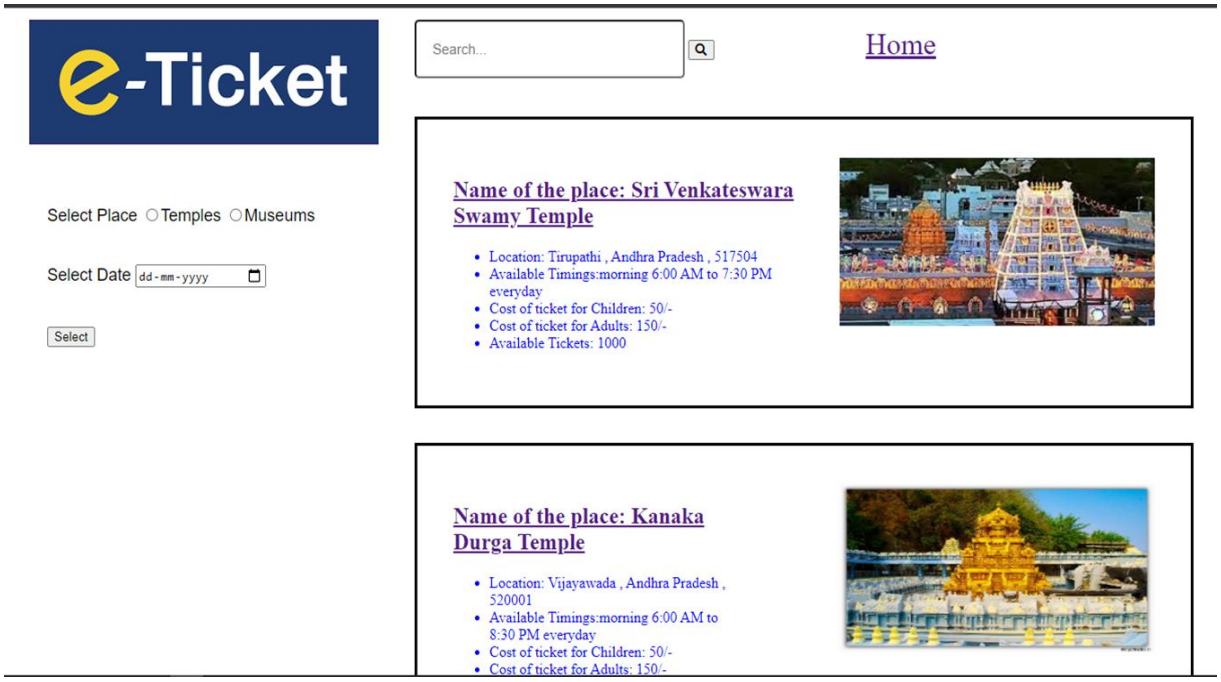
REGISTER:



OUR SERVICES:



TICKET AVAILABILITY:



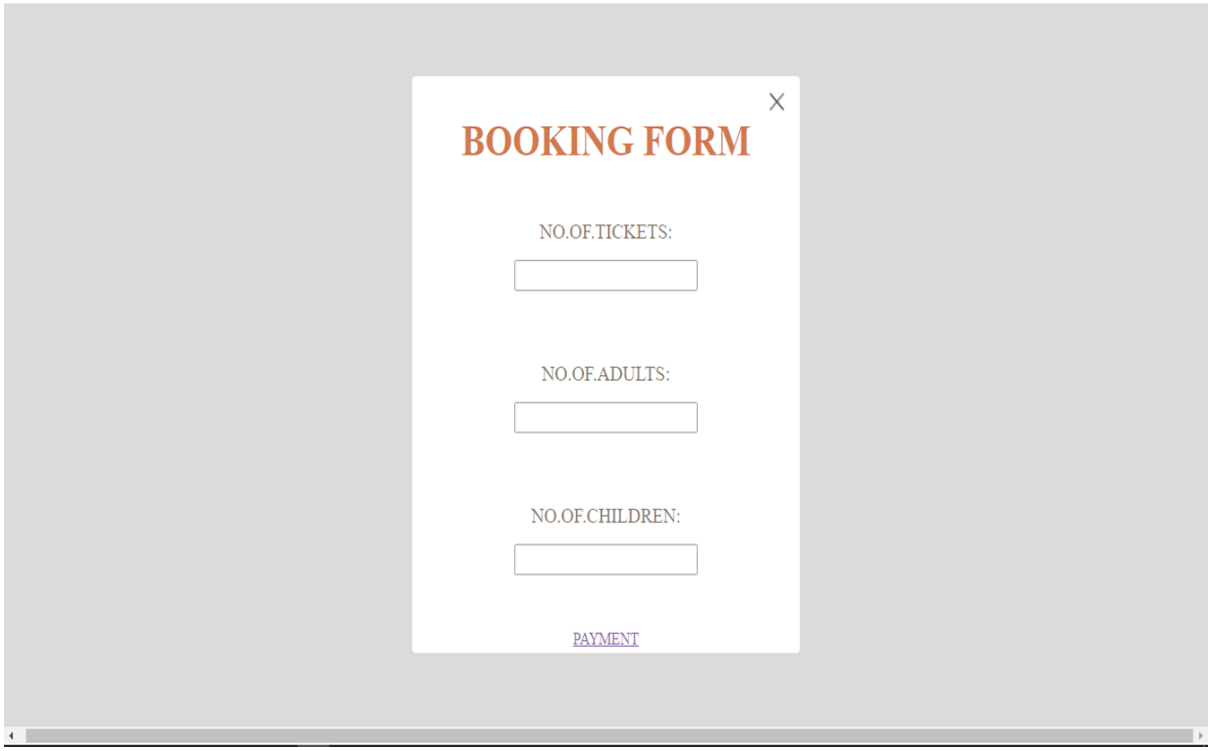
Name of the place: Golden Temple

- Location: Amritsar, Punjab , 143006
- Available Timings:Open 24hrs
- Cost of ticket for Children: 50/-
- Cost of ticket for Adults: 150/-
- Available Tickets: 1000

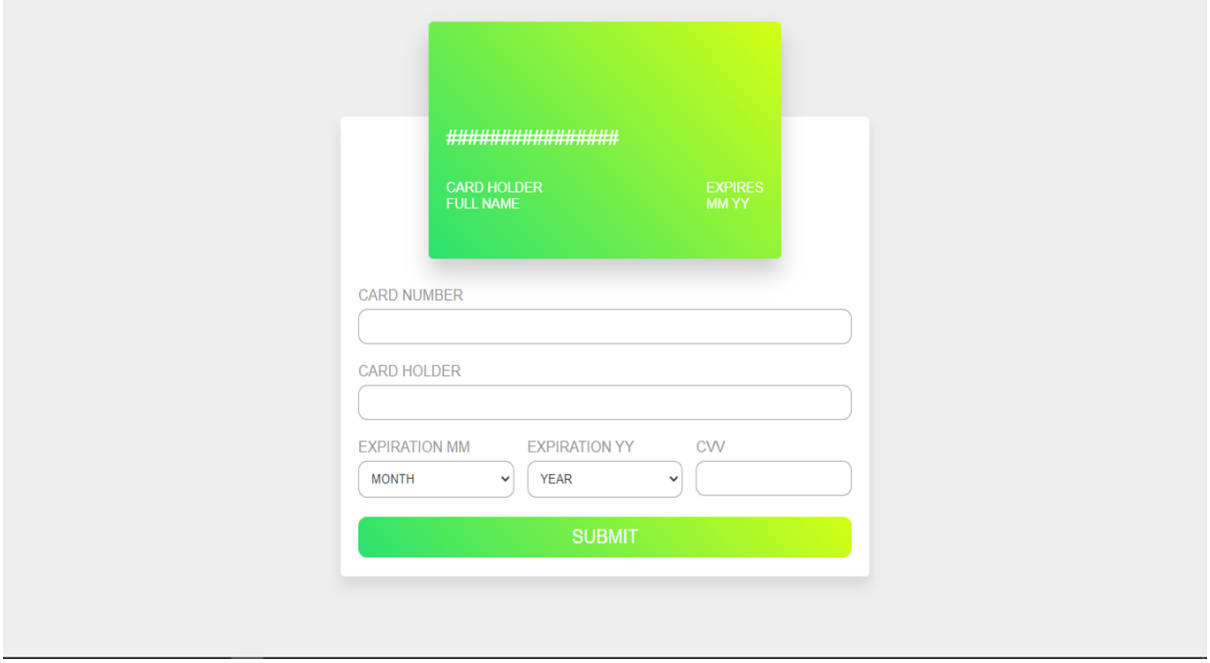
Name of the place: Indian Museum

- Location: Kolkata, West Bengal , 700016
- Available Timings:morning 10:00 AM to 5:30 PM Mon-Fri
- Cost of ticket for Children: 250/-
- Cost of ticket for Adults: 500/-
- Available Tickets: 1000

BOOKINF FORM:

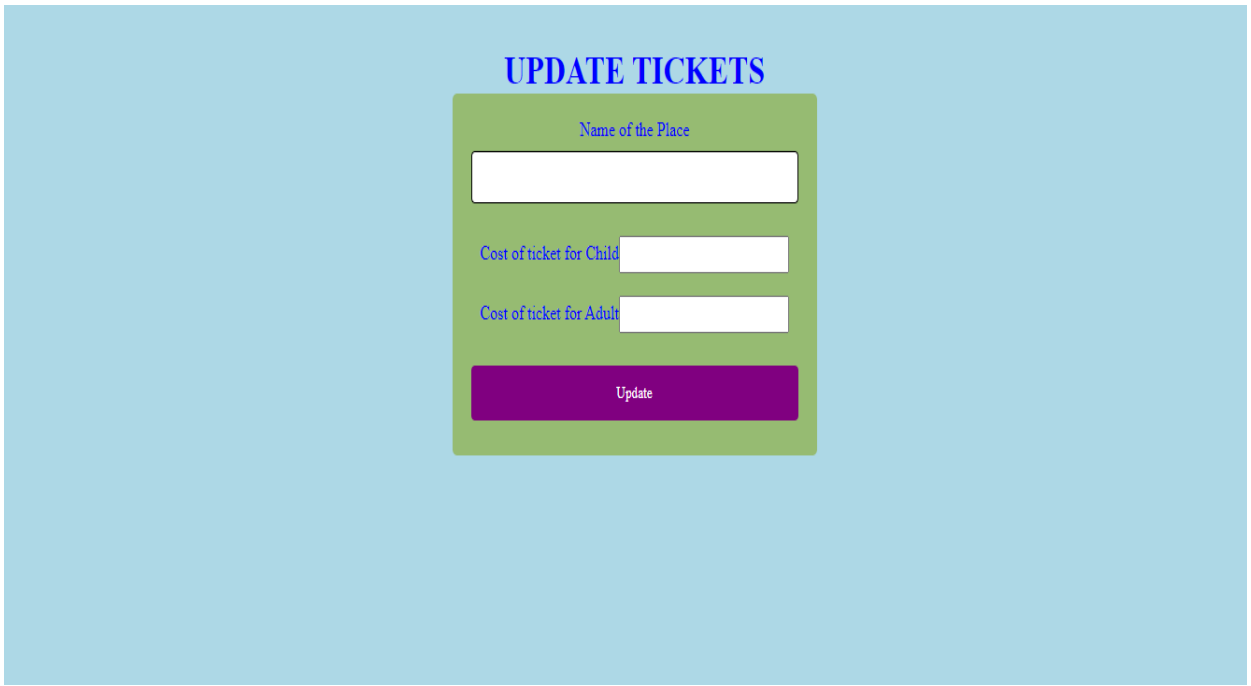


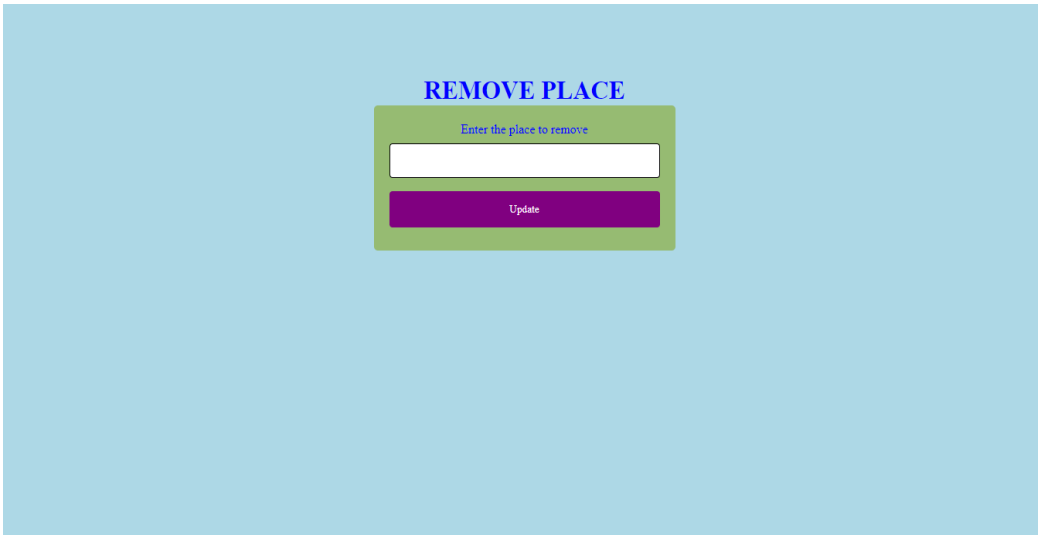
PAYMENT:


################
CARD HOLDER
FULL NAME
EXPIRES
MM YY
CARD NUMBER
CARD HOLDER
EXPIRATION MM
EXPIRATION YY
CVV
MONTH
YEAR
SUBMIT

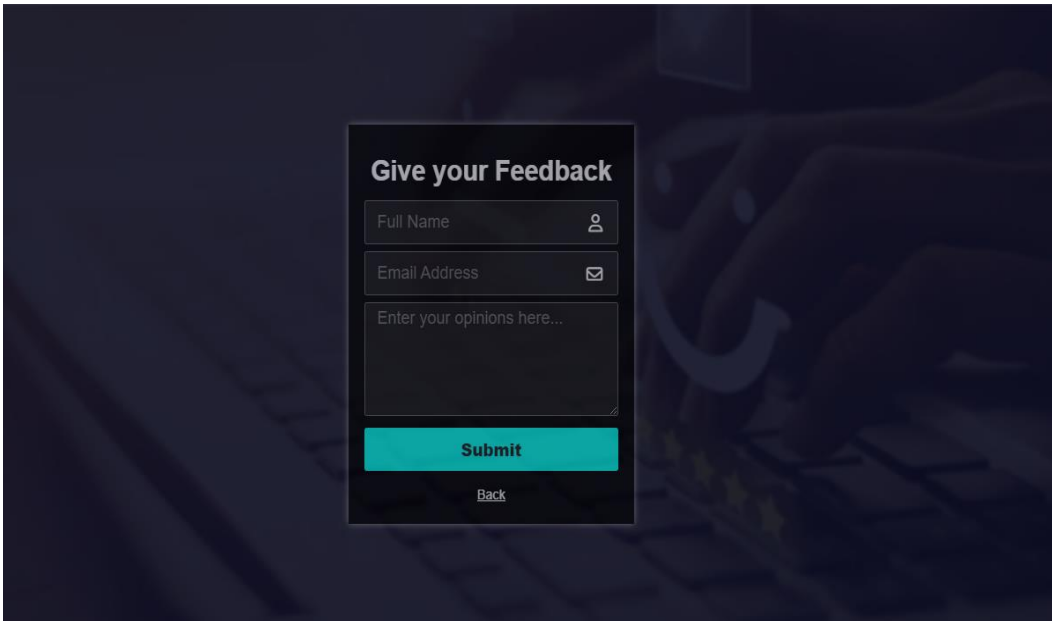
ADMIN SIDE:


e-Ticket
Home
Add place
Update Tickets
Remove place
ADD PLACE
Name of the Place:
Location
Available time From --:-- -- Am
Available time upto --:-- -- Pm
Cost of ticket for Child
Cost of ticket for Adult
Availabe tickets
Update


UPDATE TICKETS
Name of the Place
Cost of ticket for Child
Cost of ticket for Adult
Update


REMOVE PLACE
Enter the place to remove
Update

FEEDBACK:


Give your Feedback
Full Name
Email Address
Enter your opinions here...
Submit
Back

6. CONCLUSION

E-TICKET BOOKING SYSTEM is an application where the customer can book a ticket online and 24/7 hours a day from anyplace in the world. Customers can also interact with the ticket booking website to know any other details they want. E-ticket booking system has been developed successfully. System performance is also found to be satisfactory. This is a user-friendly application. Through this application, the cost can be reduced and efficiency is increased. There are several procedures that can be selected by customers. With the help of this application customers can book tickets, can know the status of availability of tickets for temples and museums can select the date and time when we want to go to that place and pay through the website. This can be a benefit using e-ticket booking system application rather searching on several websites. With the help of e-ticket booking system records are maintained and the database is updated with time to time.

FUTURE SCOPE:

It can be summarizing that the future scope of the project circles around maintaining information regarding:

- Establishing online payment.
- We will host the platform on online servers to make it accessible worldwide
- We can add advance software including more facilities like making accommodation booking also online.
- Implementing the backup mechanism for taking backup on codebase and database.

7.REFERENCES:

- **https://www.w3schools.com/html/**
- **https://www.w3schools.com/css/default.asp**
- **https://www.geeksforgeeks.org/php-tutorials/**
- **https://www.javatpoint.com/javascript-tutorial**