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**Travel Management System**

**S.E. - I.T Engineering**

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## CERTIFICATE

This to certify that the Mini Project report on **Travel Management system** has been submitted by Suyash Utekar(21104066),Yash Shinde(21104029),Atharva Sutar(21104098) and Kaushal Patil(21104055) who are a Bonafide students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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- 1.
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Place: A.P. Shah Institute of Technology, Thane

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## **ACKNOWLEDGEMENT**

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# **Chapter 1**

## **Introduction**

Tour & Travel is an irresistible word when it comes to tour and travel packages. We offer tour and travel services including ticket bookings, hotel, holiday tour packages, and domestic tour packages. We provide the most suitably designed as well as the customized travel packages to the customers. We offer everything related to travelling services under one roof. Today's extremely exhausting work environment dictates that individuals requires some joyful holiday. We provide stress-free joyful refreshing holidays with cost competitive and customized packages according to their requirements. We provide services in almost each and every city of India. We want to serve our customers with best possible service and provide them the kind of comfort they want. We also want to customize our tours as per our customer's requirement without reducing joy or quality of tour. People of all ages and backgrounds will come to enjoy the unique, upscale, joyful, and refreshing environment that Tour & Travel provides. We provide the transportation through its Airways, Railways and busses. According to the tour packages we provide the facilities to customers such as hotels, guest houses, and rental cars. It may vary from customer to customer and packages according to need. We offer new products and concepts from time to time. Keeping the effect of change of seasons on the human mind and body, we revise our itineraries regularly. This is because the comfort and the satisfaction of our customers are paramount to us. Tour & Travel offer a large range of travel opportunities. Whether you're looking for a weekend getaway to relax and indulge, a special holiday with friends and family, a trip to your favorite chill out spot or a new adventure, you've come to the right place. Tour & Travel offers great deals and discounts on flights, railways, hotels, holiday packages, car rental and travel activities everything you need to plan, shop

## **1.1. Purpose:**

In the present system a customer has to approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. A customer may not get the desired information from these offices and often the customer may be misguided. It is tedious for a customer to plan a particular journey and have it executed properly.

There is always a need of a system that will computerize the tour booking and help to find the right tour destination. This system will reduce the manual operation required to maintain all the records of destination tour packages and their bookings. And also generates the various reports for analysis. Thus, there is a big need of an online tour and travel management system, which provides all the above- mentioned facilities and many more.

.

## **1.2. Objectives:**

- The Main Goal of this project is to provide a very faster room reservation services and also booking services for different types of packages so any user can get this service very easily.
- Our objective is to make strong relationship with customers so that they can enjoy the holiday of their dreams.
- This system provides Online Registration, Tour Package Information, Bus ticket booking and all other destinations.
- The purpose of this project is very clear that user can find room facilities easily & hotel service providers also get good customers very easily. Customer can register in the website & can create his own registration then he can receive email for his room status related to his reservation and book all package

## **1.3. Scope:**

The project has a wide scope, as it is not intended to a particular organization. This project is going to develop generic software, which can be applied by any businesses organization. More over it provides facility to its users. Also the software is going to provide a huge amount of summary data.

The Website is developed based on real life. It is very helpful in business applications. Today's extremely exhausting work environment dictates that individuals requires some joyful holiday. The website will provides a stress-free joyful refreshing holidays with cost competitive and customized packages according to their requirements. As it is web based it can provide services in almost each and every city of India. It offer tour and travel services including ticket bookings, hotel reservations, rental car services, holiday tour packages, domestic tour packages only in one click. It provides the most suitably designed as well as the customized travel packages to the customers. A traveler can find everything related to travelling services under one roof by this website. The site will help to estimate the benefits and calculate the requirement very easily. The benefits will be in terms of speedy query .Smooth and faster operations at all levels improve the working atmosphere of the

entire organization. Maintaining the database as required. Database can be modified accordingly.

## **Chapter 2**

### **Problem Definition**

The purpose of tour and travel is mainly to provide online booking services for the user. This statement describes the problem definition of the proposed system. The purpose of this site is to book online ticket for hotels and all tourist places of INDIA.

The problem definition of the tourism management system is to book online ticket for hotel and tourist place where user wants to visit. It is a Web Based Application to develop website in which end user interact with the web-app easily. In this website, Customer or User can search and book all tourist places and all hill stations and all hotels of India.

The problem is that we although have many websites but they offer a different kinds of services. The customers are enjoying a lot but there is a lack of relationship between travel agency and customers and hence we are establishing that relationship by carrying and servicing all customers in the same manner that we wish to serve.

- In the present system all work is done manually which is waste of time
- In manual booking system customer has to go to the travelling office which waste a lot of time and energy
- Ask inquiry for travelling then book ticket finally pay payment and collect Receipt which increases paper work.
- Difficult to maintain the customer details of package and payment receipt in register



## **Chapter 3**

### **Proposed System:**

The proposed system is a web based application and maintains a centralized repository of all related information. The system allows one to easily access the relevant information and make necessary travel arrangements. Users can decide about places they want to visit and make bookings online for travel and accommodation.

The development of the new system contains the following activities, which try to automate the entire process keeping in view of the database integration approach.

- User friendliness is provided in the application with various controls.
- The system makes the overall project management much easier and flexible.
- There is no risk of data mismanagement at any level while the project development is under process.
- It provides high level of security with different level of authentication.

### **3.1. Features and Functionality:**

- Tour and travel management system divided in two modules:
- 1.Admin module: This is used by the admin to manage the trips and orders done by the users.
- 2.User module : This is used by the user for the booking the trips he wants and also from here get the notifications of the upcoming trips which is present in the blog section.

Following are the features which each module provides :

#### **Admin Module details**

- Admin can add/update/ delete tour packages.
  - Admin can add/update/ delete travel blogs.
  - Admin can also manage the booking application (approve and not approve).
  - Admin can view all registered users.
  - Admin can change own password after login
  - Admin can also view admin dashboard
- 
- User Module
  - User can login with the valid username and password.
  - Update his/her profile
  - Book Tour.
  - View About Us: This module help the visitor to see the latest About Our Website.
  - Contact and Feedback: Customer user gives the feedback about our services and send query.
  - Destination View: View all available packages.
  - Searching: User search tour package.
  - View our booking detail.
  - View travel blog post.
  - Change his/ her password



## **Chapter 4**

### **Project Outcomes:**

The objective of the project is to develop a system that automates the processes and activities of a travel. The purpose is to design a system using which one can perform all operations related to traveling.

- User friendliness is provided in the application with various controls.
- The system makes the overall project management much easier and flexible.
- There is no risk of data mismanagement at any level while the project development is under process.

It provides high level of security with different level of authentication

User gets an environment where he gets multiple options for travelling in India at a one place with a good package which is affordable.

## **Chapter 5**

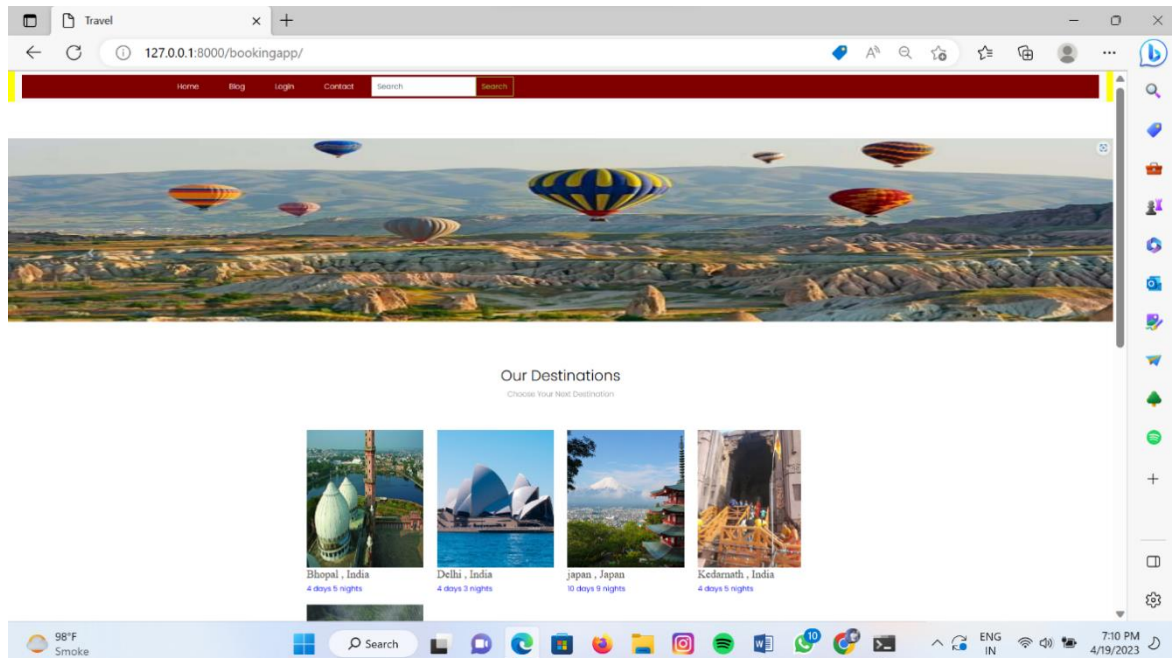
### **Software Requirements:**

1. Technology: Python Django
2. Front end (GUI): HTML, CSS, JavaScript , Bootstrap
3. Server Side Technologies: Python
4. Data Base Server: Sqlite

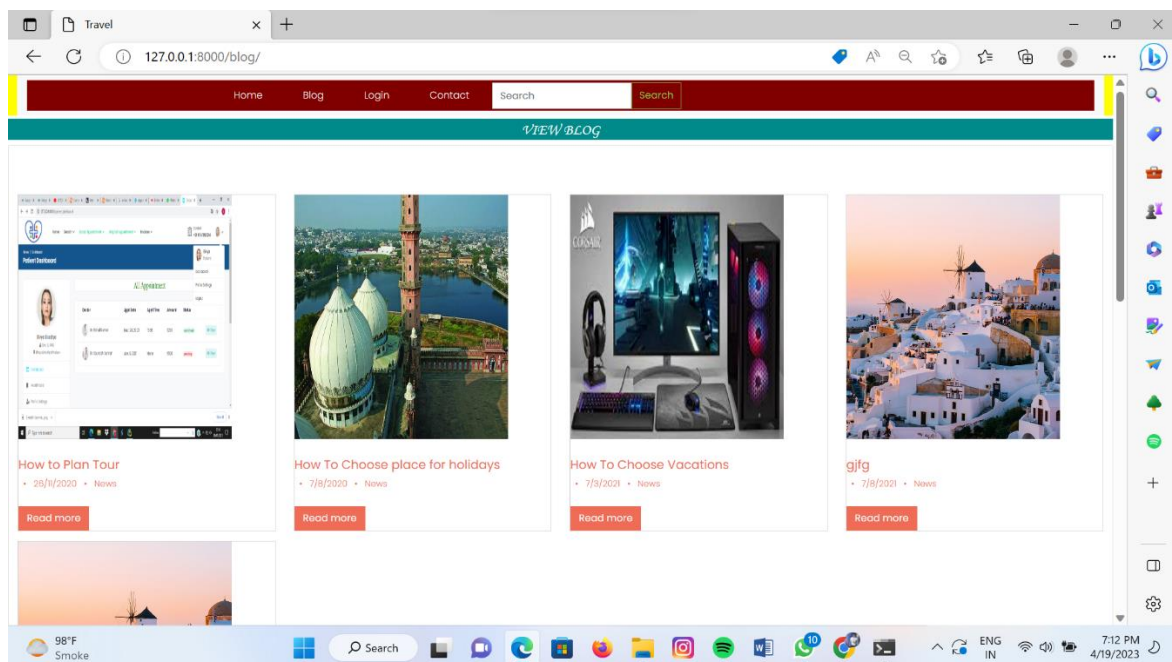
## Chapter 6

### Project Design:

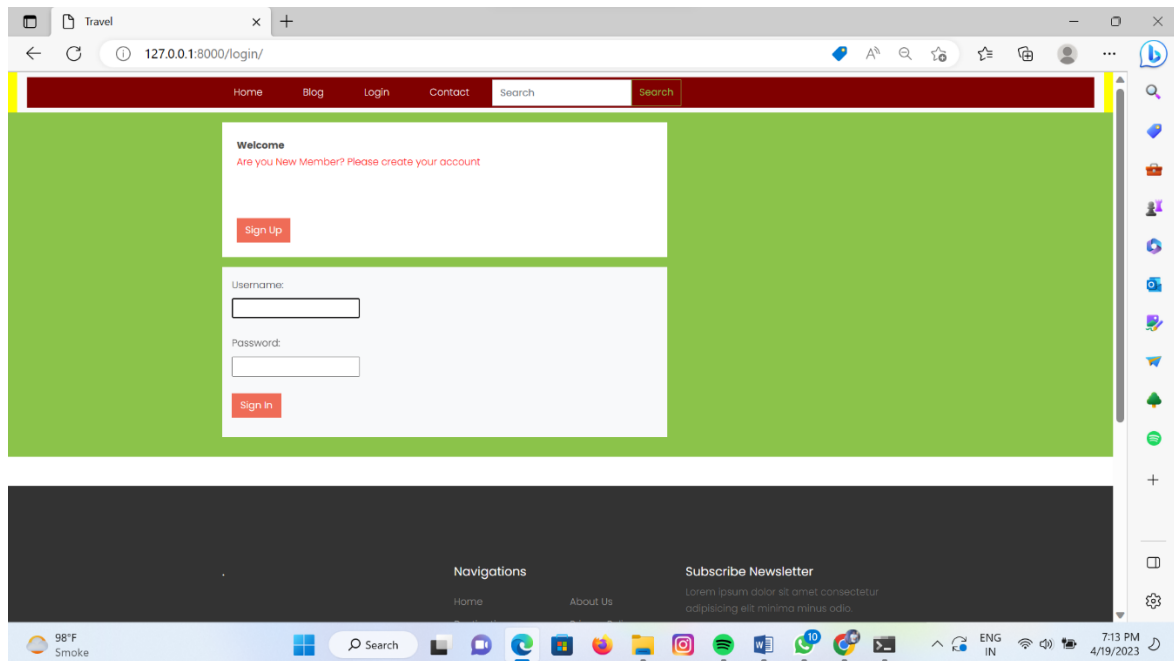
#### 1. Home Page



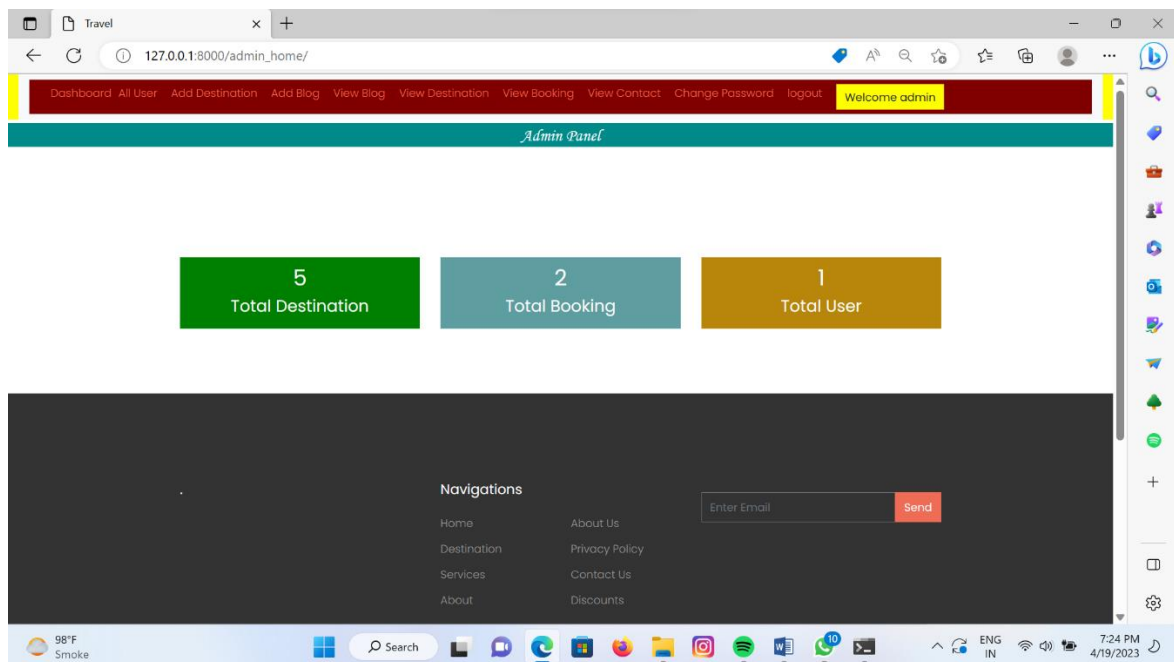
#### 2. Blog Page



### 3. Register Page



### 4. Login Page



## 5.Admin page

The screenshot shows the Admin Panel dashboard. At the top, there is a navigation bar with links: Dashboard, All User, Add Destination, Add Blog, View Blog, View Destination, View Booking, View Contact, Change Password, Logout, and a Welcome admin message. Below the navigation bar is a teal header with the text "Admin Panel". The main content area features three colored boxes: a green box with "5 Total Destination", a teal box with "2 Total Booking", and an orange box with "1 Total User". Below these boxes is a dark grey sidebar with a "Navigations" section containing links: Home, Destination, Services, About, About Us, Privacy Policy, Contact Us, and Discounts. There is also an "Enter Email" input field and a "Send" button. The bottom of the screen shows a Windows taskbar with various icons and a system tray displaying "98°F Smoke" and the date "7:24 PM 4/19/2023".

## 6.View Booking Page

The screenshot shows the View Booking page. At the top, there is a navigation bar with links: Dashboard, All User, Add Destination, Add Blog, View Blog, View Destination, View Booking, View Contact, Change Password, Logout, and a Welcome admin message. Below the navigation bar is a teal header with the text "VIEW BOOKING". The main content area features a table with the following data:

S.No.	Booking ID	Full Name	Email Id	Destination	Gender	Action
1	21	suyash utekar	suyashutekar1@gmail.com	Kerela	Male	<a href="#">delete</a>
2	22	suyash utekar	suyashutekar1@gmail.com	Kerela	Male	<a href="#">delete</a>

Below the table is a dark grey sidebar with a "Navigations" section containing links: Home, Destination, Services, About, About Us, Privacy Policy, Contact Us, and Discounts. There is also an "Enter Email" input field and a "Send" button. The bottom of the screen shows a Windows taskbar with various icons and a system tray displaying "98°F Smoke" and the date "7:24 PM 4/19/2023".



## 8.Add Destination Page

Dashboard All User Add Destination Add Blog View Blog View Destination View Booking View Contact Change Password logout Welcome admin

### Add Destination

Place  
Add Place name

Country  
Add Country name

Bus Price  
bus price

Train Price  
train price

Flight Price  
flight price

Images  
Choose File No file chosen

98°F Smoke Search ENG IN 7:25 PM 4/19/2023

## 9. Change password page

Dashboard All User Add Destination Add Blog View Blog View Destination View Booking View Contact Change Password logout Welcome admin

### Change Password

Old Password

New Password

Confirm Password

Save Changes

Navigations

Home About Us  
Destination Privacy Policy  
Services Contact Us

Enter Email Send

98°F Smoke Search ENG IN 7:26 PM 4/19/2023

## 10. View Destination Page

Dashboard All User Add Destination Add Blog View Blog View Destination View Booking View Contact Change Password Logout Welcome admin

### VIEW DESTINATION

ID	Image	Place	Country	Bus Price	Train Price	Flight Price	Food Price	person	Duration	Action
1		Bhopal	India	586	3333	5000	1500	5	4days 5nights	
2		Delhi	India	3000	7000	8000	1500	5	4days 3nights	
3		Japan	Japan	3450	2500	5000	1200	4	10days 9nights	
4		Kedarnath	India	435	766	898	400	8	4days 5nights	
6		Kerela	India	10,000	15,000	25,000	5000	4	3days 2nights	

98°F Smoke

Search

ENG IN

7:26 PM 4/19/2023

## 11. View Profile Page

Home My Booking View Blog View Profile Change Password Contact Logout Welcome suyash21 Search Search

### VIEW PROFILE

Image	
Full Name	suyash utekar
Email	suyashutekar1@gmail.com
Mobile Number	
Address	
<input type="button" value="Edit"/>	

98°F Smoke

Search

ENG IN

7:27 PM 4/19/2023

## 12. My booking page

The screenshot shows a web browser window with the URL `127.0.0.1:8000/my_booking/`. The page has a dark red header with navigation links: Home, My Booking, View Blog, View Profile, Change Password, Contact, and Logout. A yellow banner displays 'Welcome suyash21'. Below the header is a table titled 'MY BOOKING' with the following data:

ID	Full_Name	Email_Id	Gender	Mobile_Number	Destination	Address	Total_Price	Booking_Date	Used_Facility	Action
21	suyash utekar	suyashutekar1@gmail.com	Male		Kerela		5010	2023-03-28	Bus,Food	<a href="#">delete</a>
22	suyash utekar	suyashutekar1@gmail.com	Male		Kerela		5010	2023-04-21	Bus,Food	<a href="#">delete</a>

Below the table is a dark grey sidebar with a 'Navigations' section containing links: Home, Destination, Services, About, About Us, Privacy Policy, Contact Us, and Discounts. At the bottom of the sidebar is an email input field with a 'Send' button. The Windows taskbar at the bottom shows the date and time as 7:27 PM on 4/19/2023.

## 13. My contact page

The screenshot shows a web browser window with the URL `127.0.0.1:8000/contact/`. The page has a dark red header with navigation links: Home, My Booking, View Blog, View Profile, Change Password, Contact, and Logout. A yellow banner displays 'Welcome suyash21'. Below the header is a contact form with the following fields:

- First Name (input field)
- Last Name (input field)
- Email (input field)
- Subject (input field)
- Message (text area with placeholder 'Write your notes or questions....')
- [Send Message](#) button

To the right of the form is a contact information box with the following details:

- Address:** Mumbai, Maharashtra
- Phone:** 99245678944
- Email Address:** yourtours@gmail.com

Below the contact information is a photo of a person sitting in an airport lounge with a suitcase, and a [Learn More](#) button. The Windows taskbar at the bottom shows the date and time as 7:27 PM on 4/19/2023.

## 14. Booking Page

Travel x +

127.0.0.1:8000/booking/23/

Home My Booking View Blog View Profile Change Password Contact Logout Welcome suyash21 Search Search

BOOK TOUR

First Name: suyash Last Name: utekar

Email: suyashutekar1@gmail.com Mobile Number: Mobile

Gender: Male

Date: 2023-04-26 Total Price: 5015

Address: Used Facility: Train, Food

payment

More Info

Learn More

98°F Smoke Search ENG IN 7:28 PM 4/19/2023

## 15. Payment Page

Travel x +

127.0.0.1:8000/payment/

Home My Booking View Blog View Profile Change Password Contact Logout Welcome suyash21 Search Search

PAYMENT DETAIL

CARD NUMBER

Valid Card Number

EXPIRY DATE

MM / YY

CVC CODE

CVC

payment

98°F Smoke Search ENG IN 7:28 PM 4/19/2023

## 16. Database

The screenshot shows the SQL Online IDE interface. The browser address bar displays `sqlonline.com`. The left sidebar lists database tables, with `tour_booking` selected. The main editor shows the query `1 SELECT * FROM tour_booking`. The results pane displays a table with 12 columns and 3 rows of data.

id	Fname	Lname	Email	gender	date	address	number	price	used_f...	destina...	user_id
21	suyash	utekar	suyashut...	Male	2023-03-...			5010	Bus,Food	6	12
22	suyash	utekar	suyashut...	Male	2023-04-...			5010	Bus,Food	6	12
23	suyash	utekar	suyashut...	Male	2023-04-...			5015	Train,Food	6	12

The Windows taskbar at the bottom shows the system clock as 7:36 PM on 4/19/2023, with a temperature of 98°F and weather condition 'Smoke'.

## Chapter 7

### Project Scheduling:

Sr. No	Group Member	Time duration	Work to be done
1.	Suyash Utekar Yash Shinde Atharva Sutar Kaushal Patil	In the month of January.	Making of a outline of how the website will look what features will it have and designing GUI of pages using TKINTER and also making database for it.
2.		In the month of February.	Adding more features like Blog Page, Payment Page,contact us page and also making of database for it connecting pages using urls.
3.		In the month of March and April.	Final implementation using by connecting each and every page using urls and also with database.

## **Chapter 8**

### **Conclusion:**

It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for me as it provided practical knowledge of not only programming in Python and Sqlite web based application. It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently

## References

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2. [www.javatpoint.com](http://www.javatpoint.com)
3. <https://www.geeksforgeeks.org/python-django/>
4. <https://openai.com/blog/chatgpt>