Veer Narmad South Gujarat University, Surat.

Department of Information and Communication Technology

B.Sc. (Information Technology)

PROJECT REPORT

6th Semester

M.Sc. (Information Technology)

5 Year Integrated Course

Year 2021 – 2022

TOURISM MANAGEMENT SYSTEM

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SPID: 2019008933

Re-Accredited by NAAC with 'A' Grade
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Department of Information and Communication Technology

M.Sc.(Information Technology) Programme

B.Sc(IT) 6th Semester

Certificate

This is to certify that Mr. DHRUV MOHANBHAI PATEL with exam seat number 186 and SPID 2019008933 has worked on his/her project work entitled as TMS (TOURISAM MANAGEMENT SYSTEM) at **Department of ICT (for in house)** as a partial fulfillment of requirement of B. Sc. (Information Technology) - 6th Semester , during the academic year 2021-2022.

Date: 18/6/2022

Place: Department of ICT, VNSGU, Surat

Internal Project Guide
BSc(IT) 6th Semester
Department of ICT
VNSGU, Surat

Head of the Department
Department of ICT
VNSGU, Surat

PROJECT OF M. Sc. (I.T.) PROGRAMME
VEER NARMAD SOUTH GUJARAT UNIVERSITY
Academic Year
Approved by
EXAMINERS

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Project Report On

TOURISM MANAGEMENT SYSTEM

ACKNOWLEDGEMENT

We take this occasion to thank God, almighty for blessing us with his grace and taking our Endeavour to a successful culmination. We extend our sincere and heartfelt thanks to our esteemed guide, Dr.Parul Patel 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 division Dr.Pushpal Desai 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.

ABSTRACT

As the name specifies “TOURISM MANAGEMENT SYSTEM” is software developed for managing tour booking.

Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system Which is more user friendly and more GUI oriented. We can improve the efficiency of the system, thus overcome the drawbacks of the existing system.

Less human error

Strength and strain of manual labour can be reduced

High security

Data redundancy can be avoided to some extent

Data consistency

Easy to handle

Easy data updating

Easy record keeping

Backup data can be easily generated

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1.Introduction

1.1 Objective

The objective of the project is to develop a system that automates the processes and activities of a travel and tourism agency.

The purpose is to design a system using which one can perform all operations related to traveling and sight-seeing.

1.2 Existing System

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.

2. Proposed Systems

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.

2.1 Study of the System

To provide flexibility to the users, the interfaces have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

Administrative user interface

The operational or generic user interface

The 'administrative user interface' concentrates on the consistent information that is practically, part of the organizational activities and which needs proper authentication for the data collection. These interfaces help the administrators with all the transactional states like Data insertion, Data deletion and Date updation along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary users in managing their own information in a customized manner as per the included flexibilities.

3.Functional Requirement

Number of Modules

After careful analysis the system has been identified to have the following modules:

Administrator module

User(Traveler) module

Guest user

3.1 Administrator Module

This module provides administrator related functionality. Administrator manages all information and has access rights to add, delete, edit and view the data related to places, travels, routes, bookings, Enquiries etc.

Packages—Admin will create the packages and Manage the packages(Create,Update,delete)

Users- Admin views all Information of all users.

Booking- Admin will responsible for manage booking. Admin can confirm and cancel a booking of traveler.

Manage issues/ Complaints—Admin can take action on any issue /complaint raised by user (traveller) and Put remark.

Manage Enquiries—admin can manage all enquiries raised by users(traveller).

Manage pages- Admin can edit the info of all pages that are display on the website,

Dashboard- Here admin can view all count of booking, issues , Enquiries and Users .

Change password--- Admin can change own password.

3.2 User Modules

Signup- User can register your self for bookig.

Sign in- Here user can login with valid username and password.

Forgot Password—User can recover his/her own password.

My Profile- user can update own profile.

Tour history-After login user can book any tour that will show in Tour history. User can cancel his/her booking before 24 hr of travelling.

Change Password---- User can own Password.

Write-use—Here user can raise any issue related to booking. Cancelation etc.

3.3 Guest Module

Guest user can visit the website and view the all content of website. Guest user can also Enquiry.

4.System environment

4.1 Hardware Configuration

- Pentium IV Processor
- 512 MB RAM
- 40GB HDD
- 1024 * 768 Resolution Color Monitor

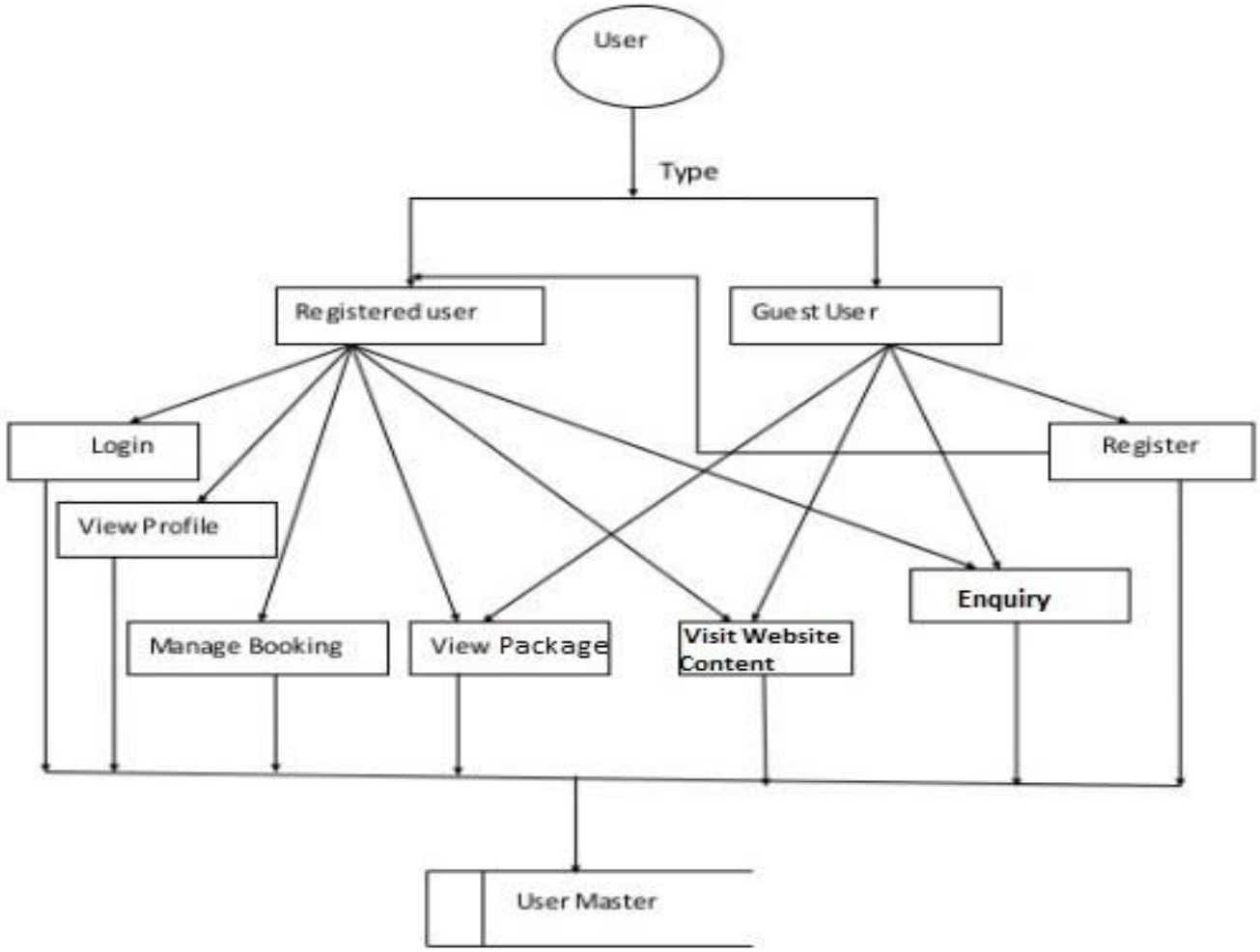
4.2 Software Configuration

- Operating System : Microsoft Windows,Ubantu
- Web Browser : Google Chrome(Recommended), Microsoft Edge, Mozilla Firefox, Internet explorer 8 or more.
- Back-end Database Software :MySQL
- Server :XAMPP

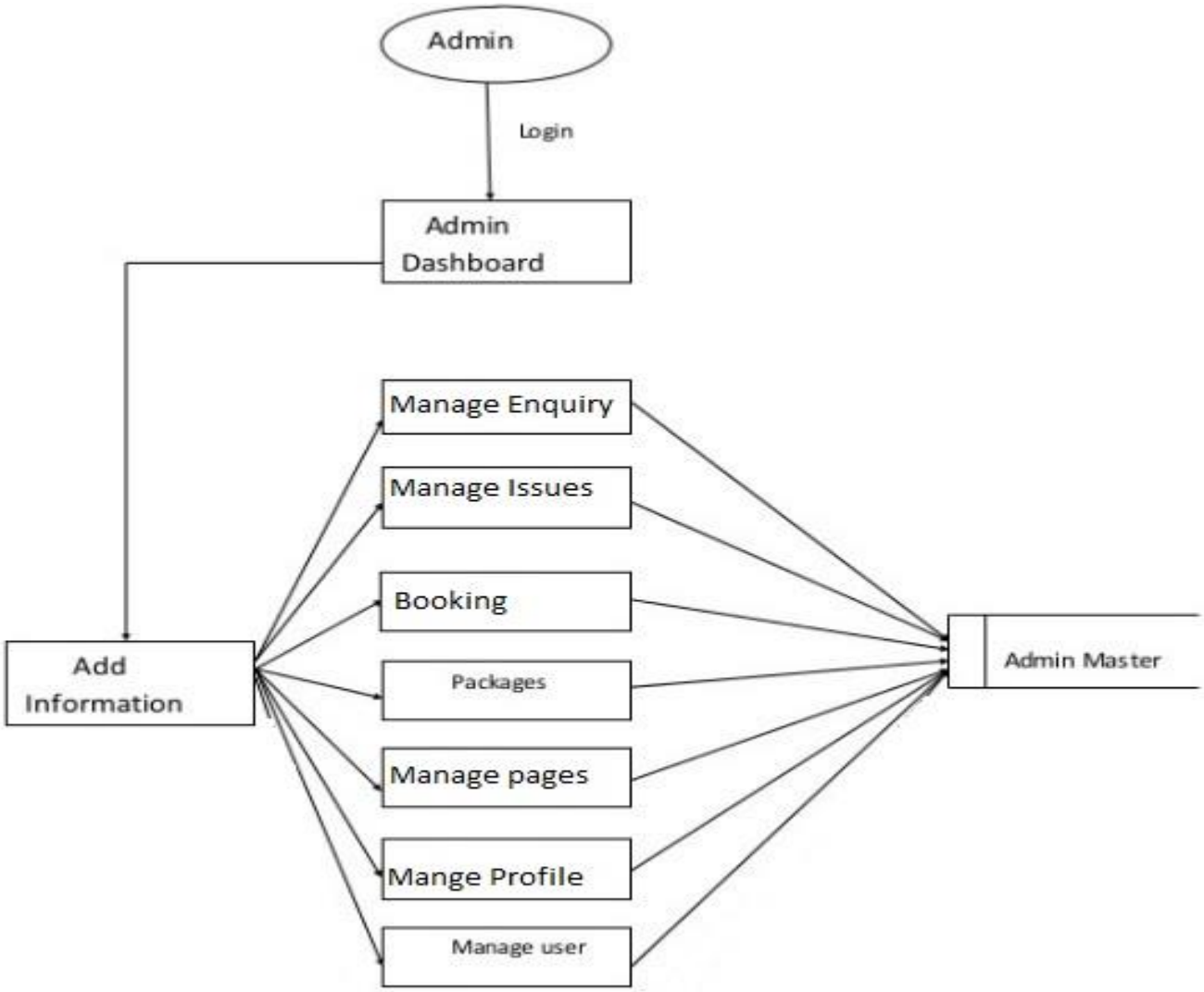
5. System Analysis and Modeling

5.1 DFD (Context level Diagram):

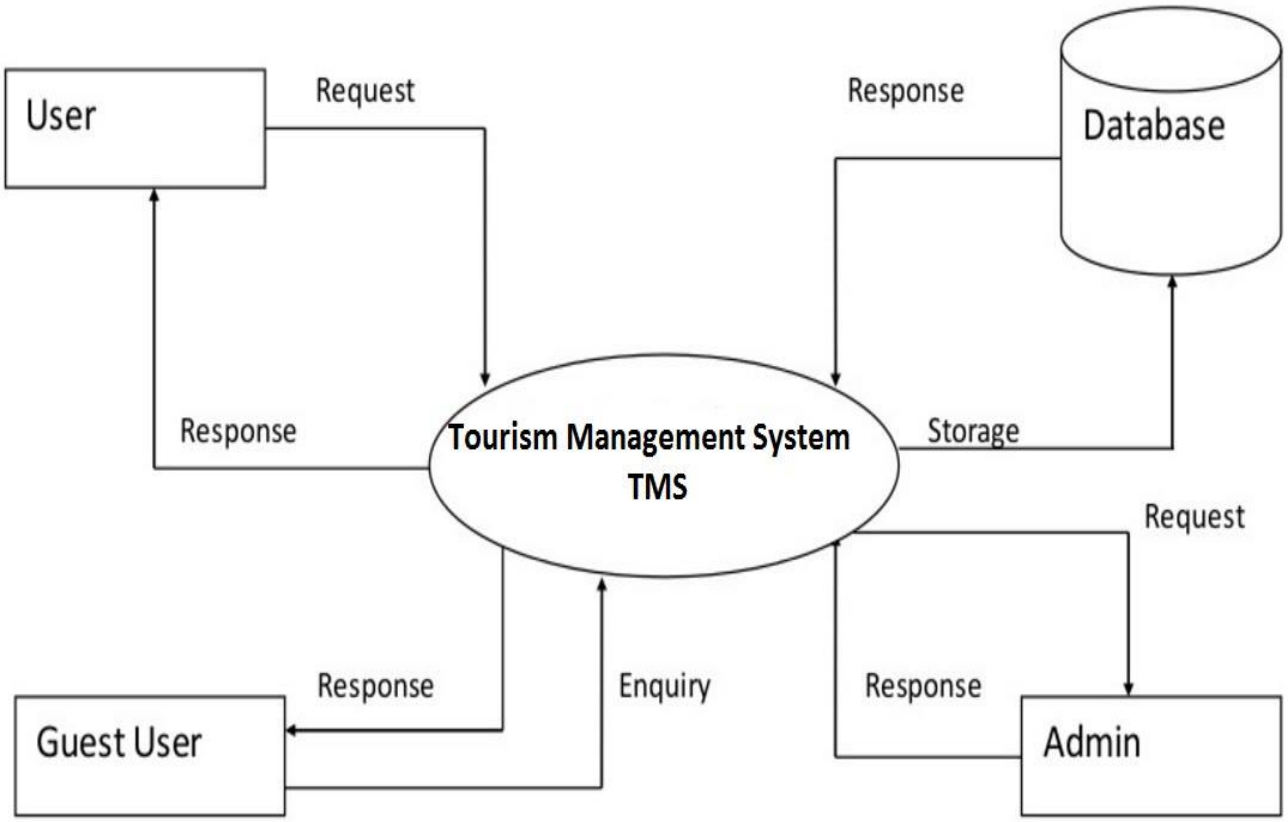
a.Users



b.Admin

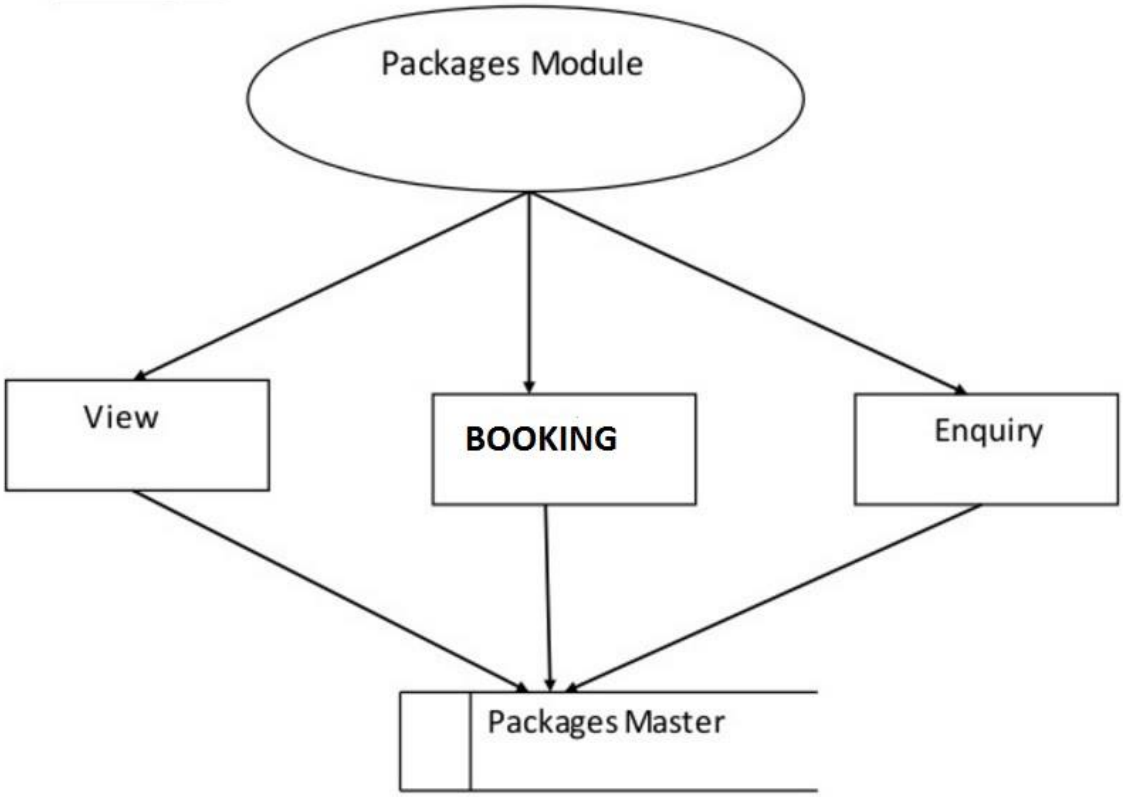

Admin
Login
Admin Dashboard
Manage Enquiry
Manage Issues
Booking
Packages
Manage pages
Mange Profile
Manage user
Add Information
Admin Master

C.

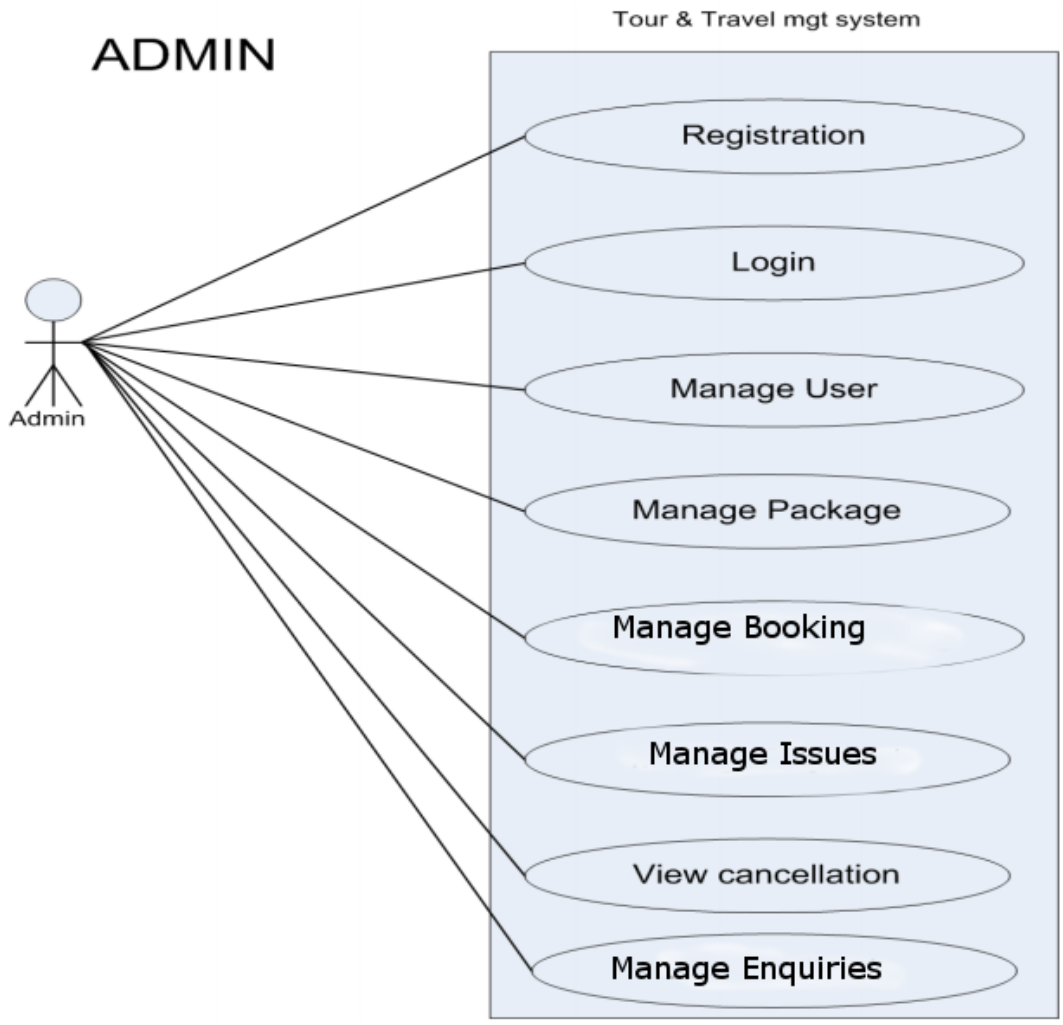

User
Request
Response
Database
Response
Tourism Management System
TMS
Storage
Request
Response
Enquiry
Response
Guest User
Admin

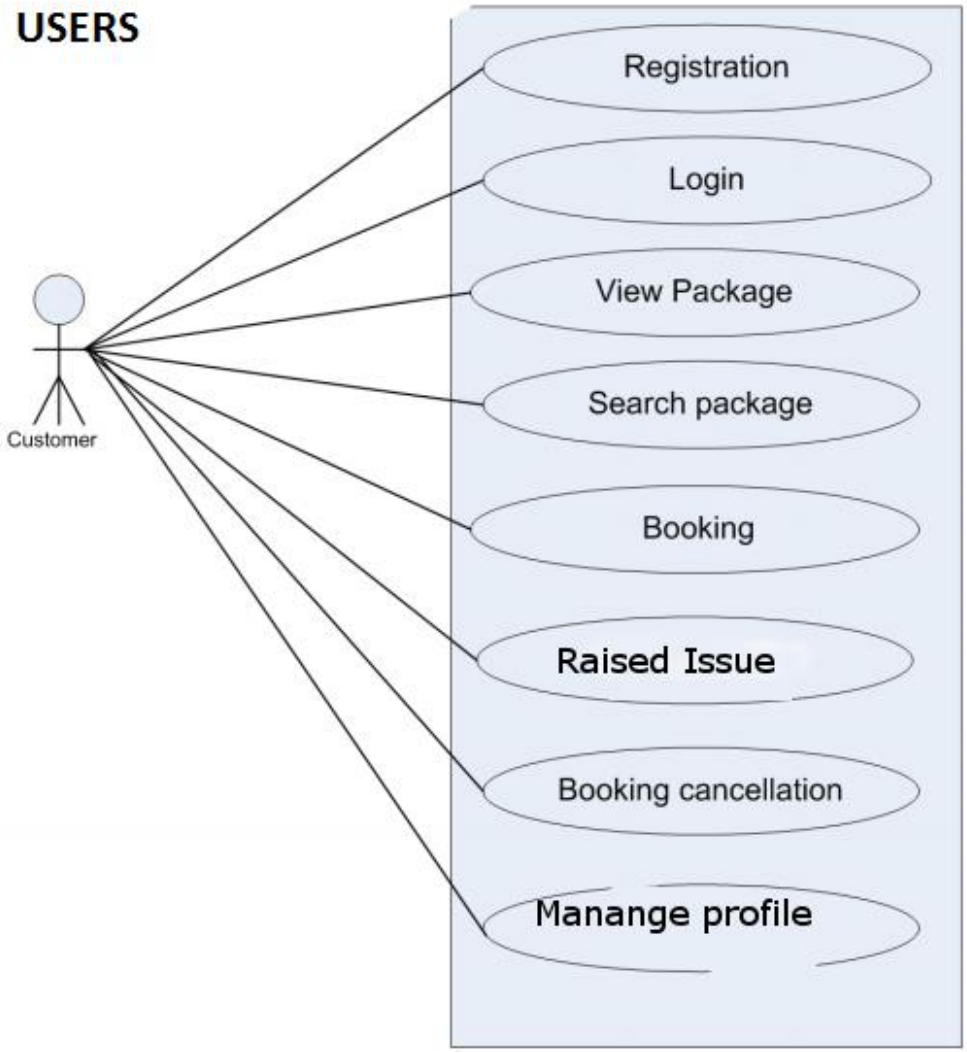
D.

d. Packages

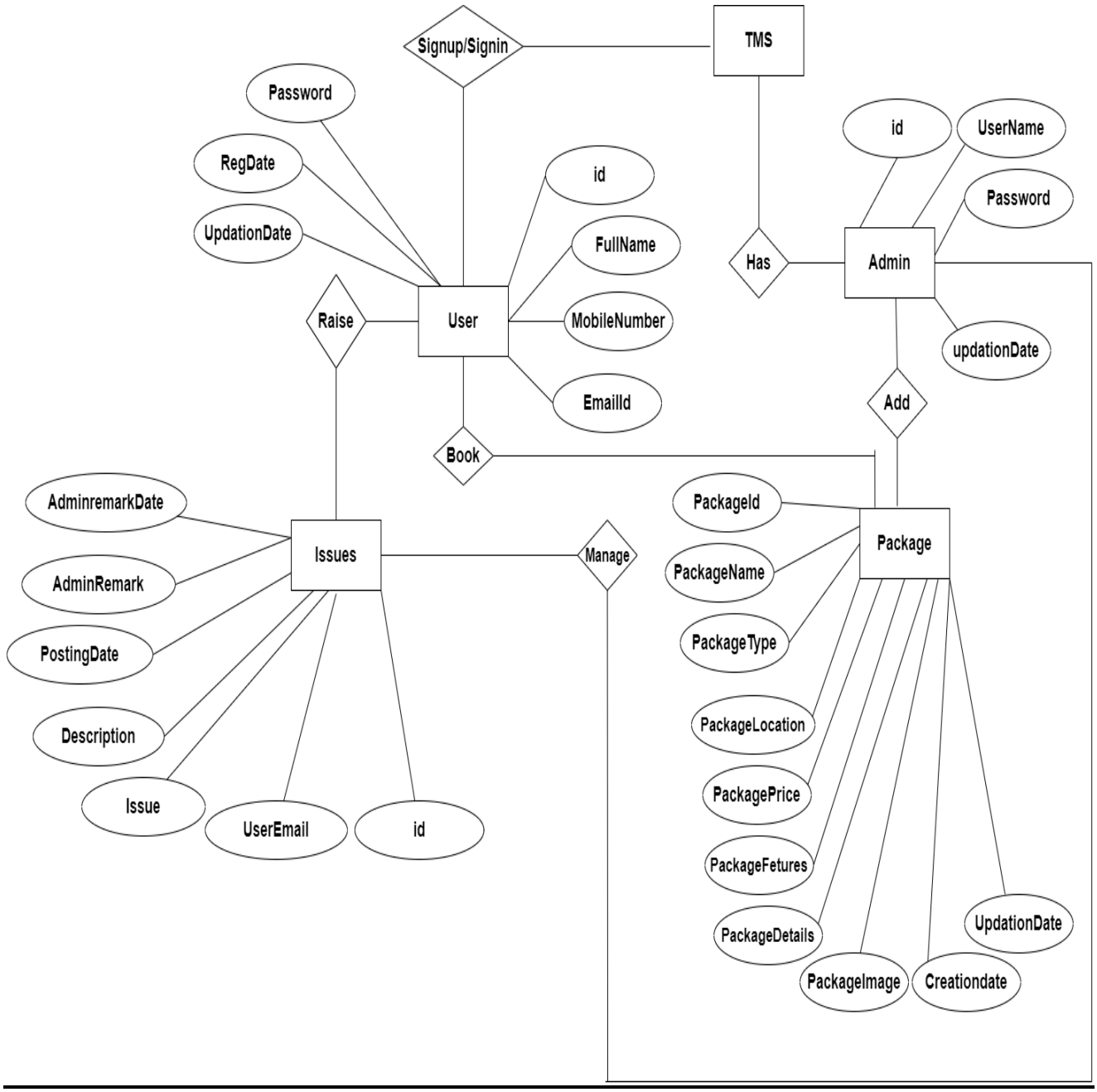


5.2 UML Diagram




USERS
Customer
Registration
Login
View Package
Search package
Booking
Raised Issue
Booking cancellation
Manange profile

5.3 – ER diagram



6.Database Design

6.1 Database tables and Structure

Admin Table: This table store the admin login details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	*None*		AUTO_INCREMENT
2	UserName	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
3	Password	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
4	updationDate	timestamp			Yes	*NULL*		

tbluser table: This table store the user personal and login details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	*None*		AUTO_INCREMENT
2	FullName	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
3	MobileNumber	char(10)	latin1_swedish_ci		Yes	*NULL*		
4	EmailId	varchar(70)	latin1_swedish_ci		Yes	*NULL*		
5	Password	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
6	RegDate	timestamp			Yes	current_timestamp()		
7	UpdationDate	timestamp			Yes	*NULL*		ON UPDATE CURRENT_TIMESTAMP()

tbltourpackages table: This table store the tour package full details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	PackageId	int(11)			No	*None*		AUTO_INCREMENT
2	PackageName	varchar(200)	latin1_swedish_ci		Yes	*NULL*		
3	PackageType	varchar(150)	latin1_swedish_ci		Yes	*NULL*		
4	PackageLocation	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
5	PackagePrice	int(11)			Yes	*NULL*		
6	PackageFetures	varchar(255)	latin1_swedish_ci		Yes	*NULL*		
7	PackageDetails	mediumtext	latin1_swedish_ci		Yes	*NULL*		
8	PackageImage	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
9	Creationdate	timestamp			Yes	current_timestamp()		
10	UpdationDate	timestamp			Yes	*NULL*		ON UPDATE CURRENT_TIMESTAMP()

tblbooking table: This table store the user booking details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	BookingId	int(11)			No	*None*		AUTO_INCREMENT
2	PackageId	int(11)			Yes	*NULL*		
3	UserEmail	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
4	FromDate	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
5	ToDate	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
6	Comment	mediumtext	latin1_swedish_ci		Yes	*NULL*		
7	RegDate	timestamp			Yes	current_timestamp()		
8	status	int(11)			Yes	*NULL*		
9	CancelledBy	varchar(5)	latin1_swedish_ci		Yes	*NULL*		
10	UpdationDate	timestamp			Yes	*NULL*		ON UPDATE CURRENT_TIMESTAMP()

tblissues table: This table store the user issue details raised by the user.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	*None*		AUTO_INCREMENT
2	UserEmail	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
3	Issue	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
4	Description	mediumtext	latin1_swedish_ci		Yes	*NULL*		
5	PostingDate	timestamp			Yes	current_timestamp()		
6	AdminRemark	mediumtext	latin1_swedish_ci		Yes	*NULL*		
7	AdminremarkDate	timestamp			Yes	*NULL*		ON UPDATE CURRENT_TIMESTAMP()

tblenquiry table: This table store the user enquiry details.

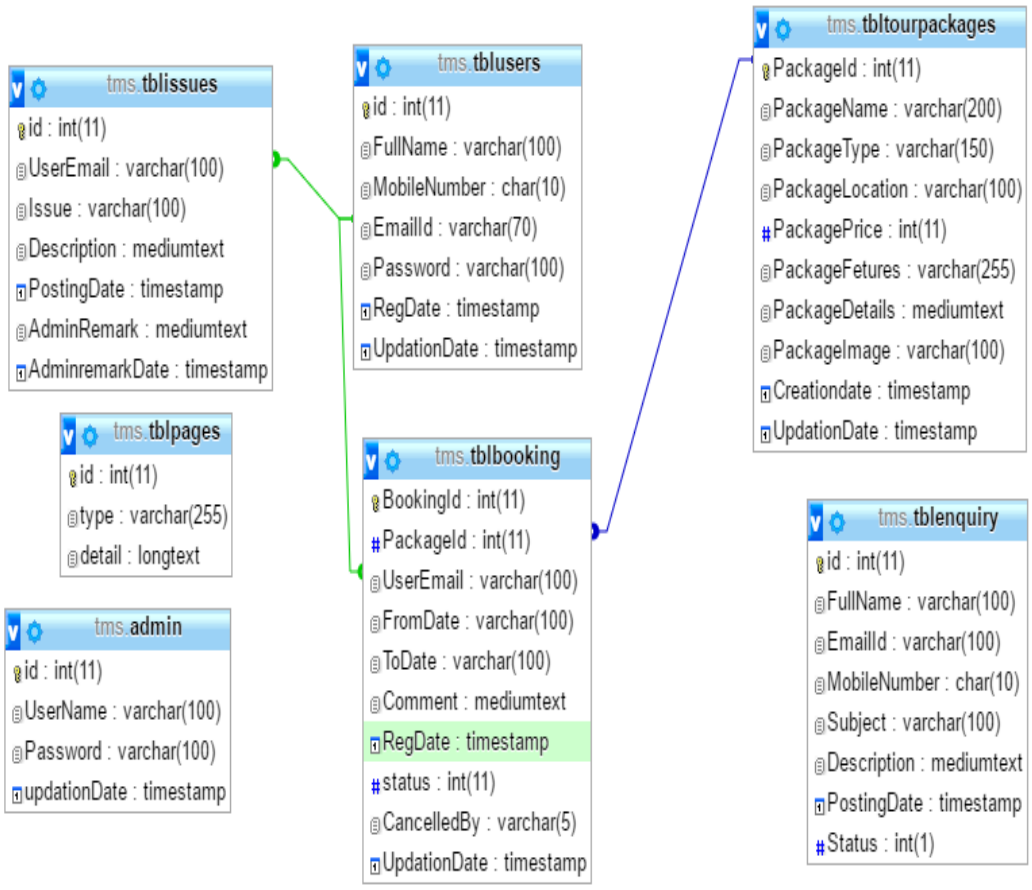
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	*None*		AUTO_INCREMENT
2	FullName	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
3	EmailId	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
4	MobileNumber	char(10)	latin1_swedish_ci		Yes	*NULL*		
5	Subject	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
6	Description	mediumtext	latin1_swedish_ci		Yes	*NULL*		
7	PostingDate	timestamp			Yes	current_timestamp()		
8	Status	int(1)			Yes	*NULL*		

tblpages table: This table store the website pages details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	*None*		AUTO_INCREMENT
2	type	varchar(255)	latin1_swedish_ci		Yes			
3	detail	longtext	latin1_swedish_ci		Yes	*NULL*		

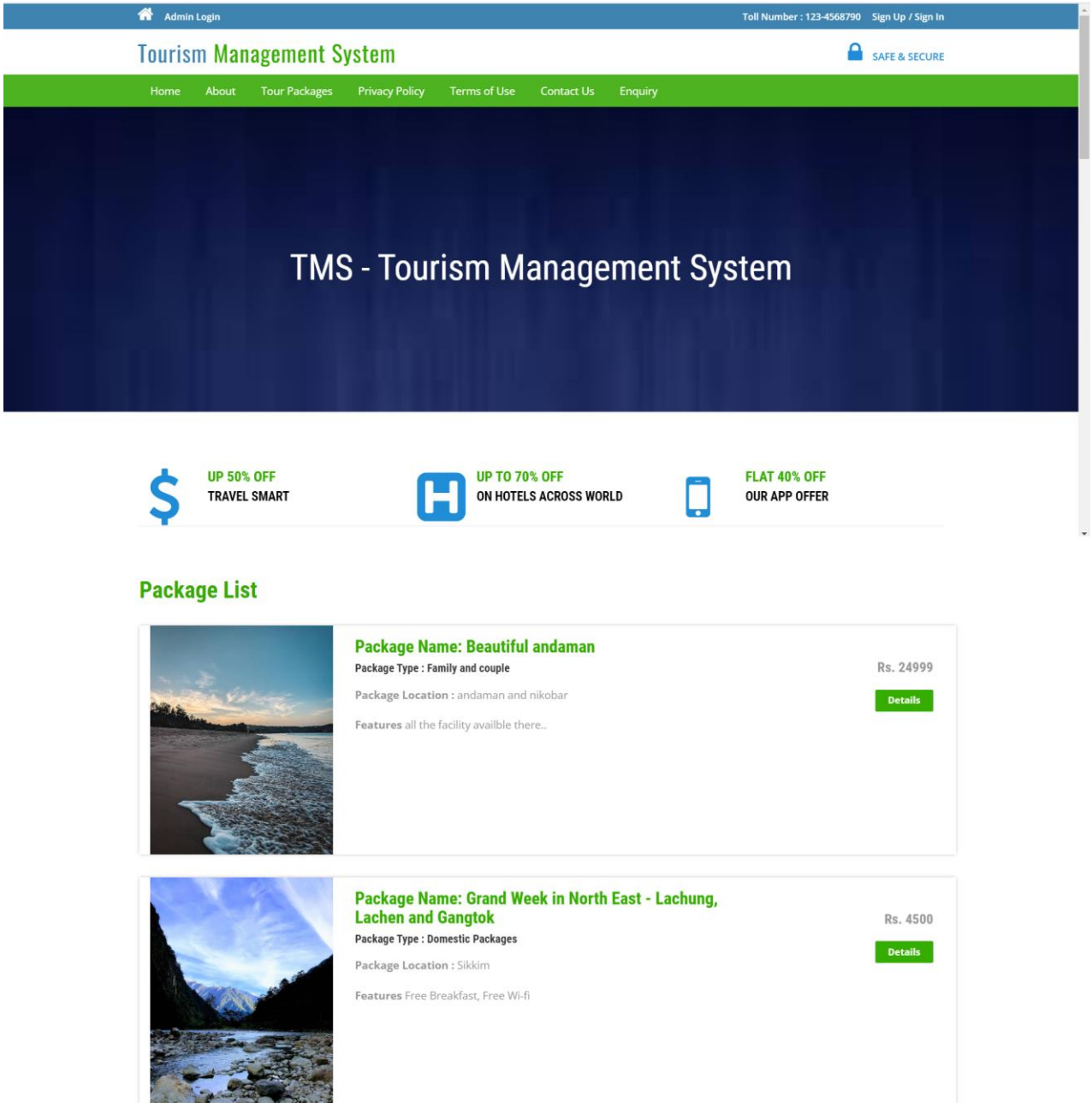
6.2 Class Diagram

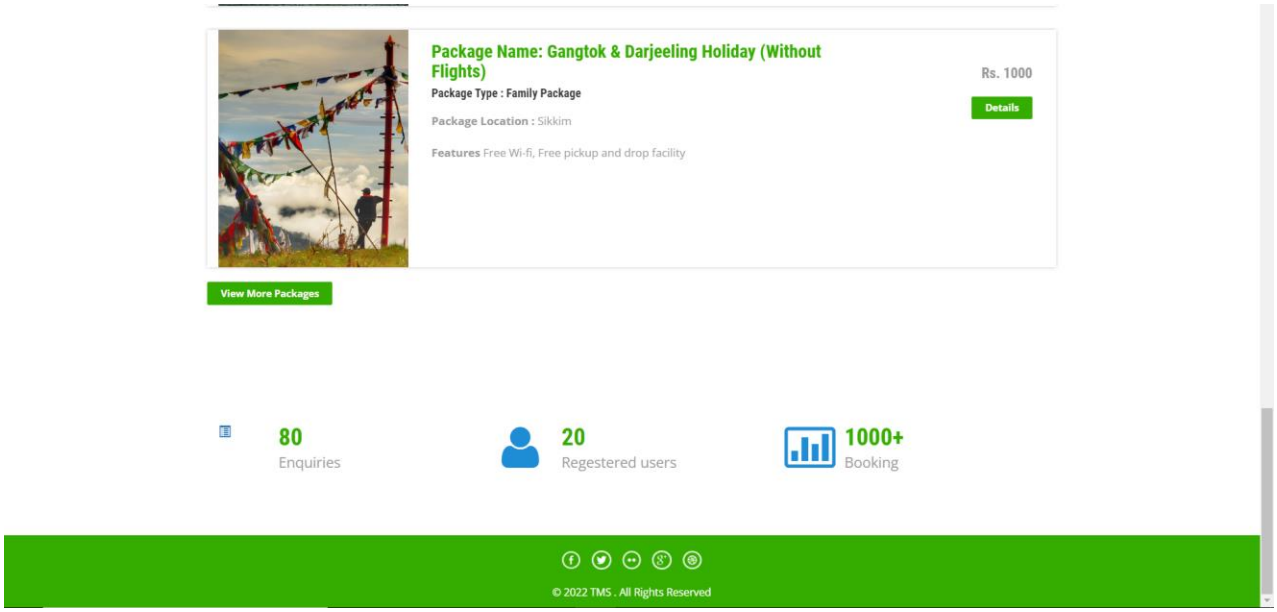
The class diagram shows a set of classes, interfaces, collaborations and their relationships.



7. Screen layouts

Home Page




Package Name: Gangtok & Darjeeling Holiday (Without Flights)
Package Type : Family Package
Package Location : Sikkim
Features Free Wi-fi, Free pickup and drop facility
Rs. 1000
Details
View More Packages
80
Enquiries
20
Regestered users
1000+
Booking
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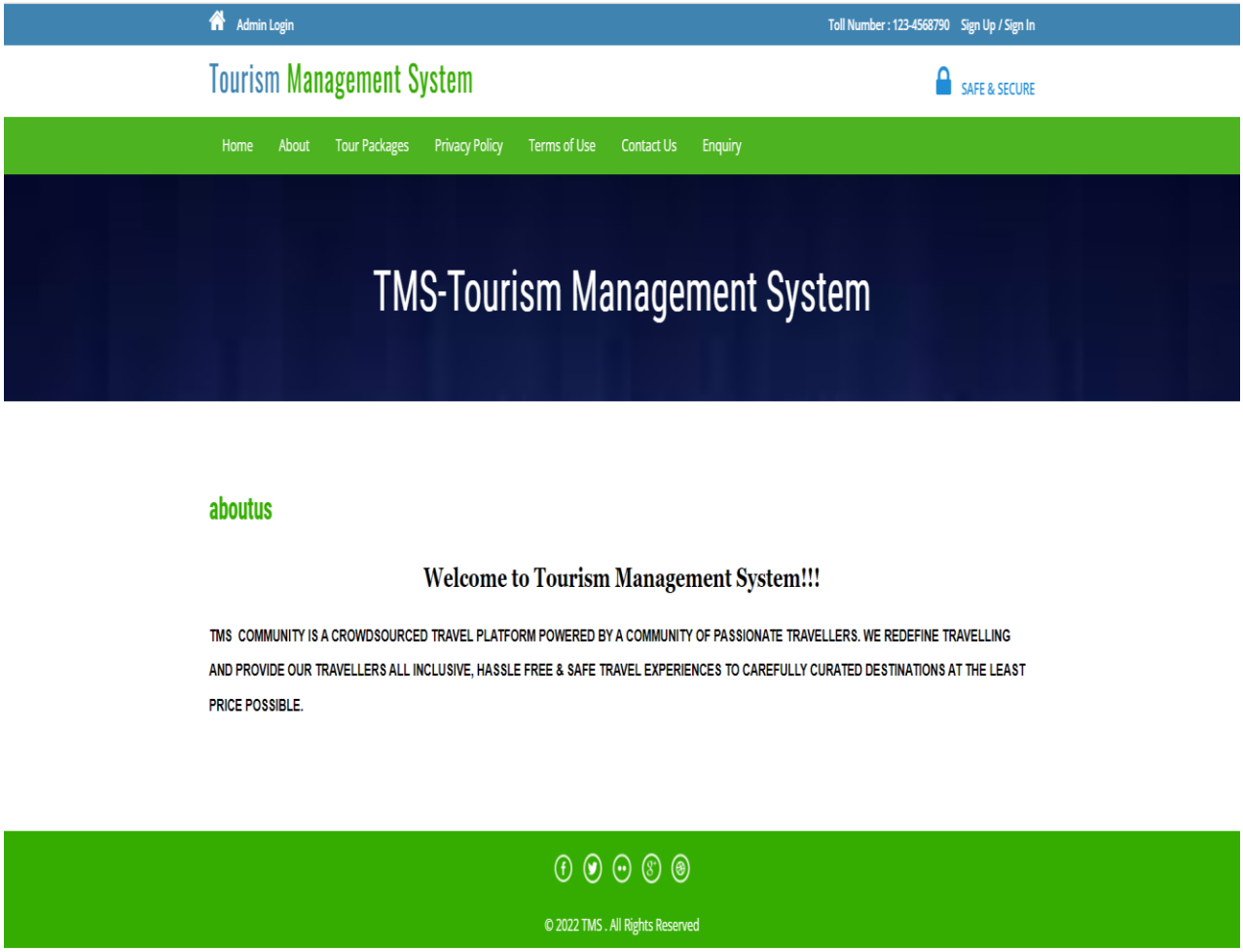
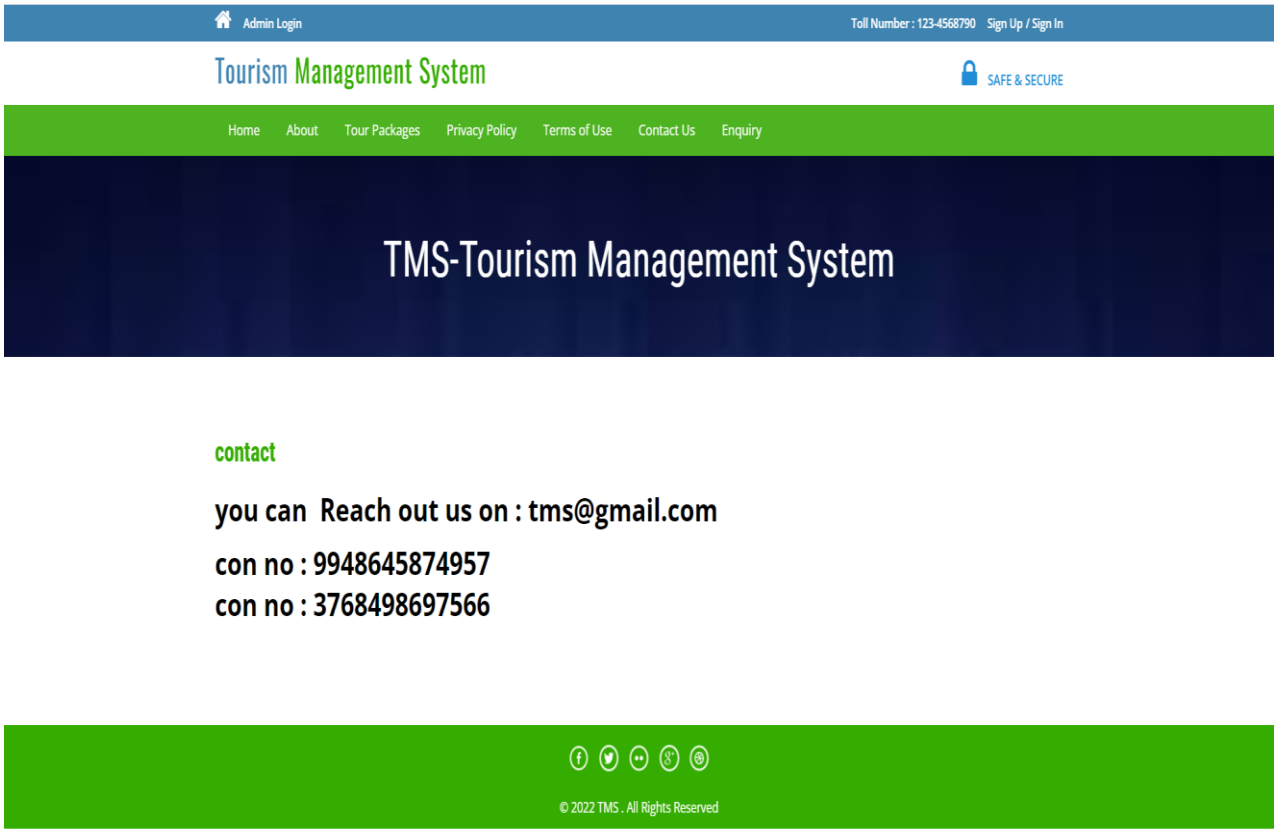
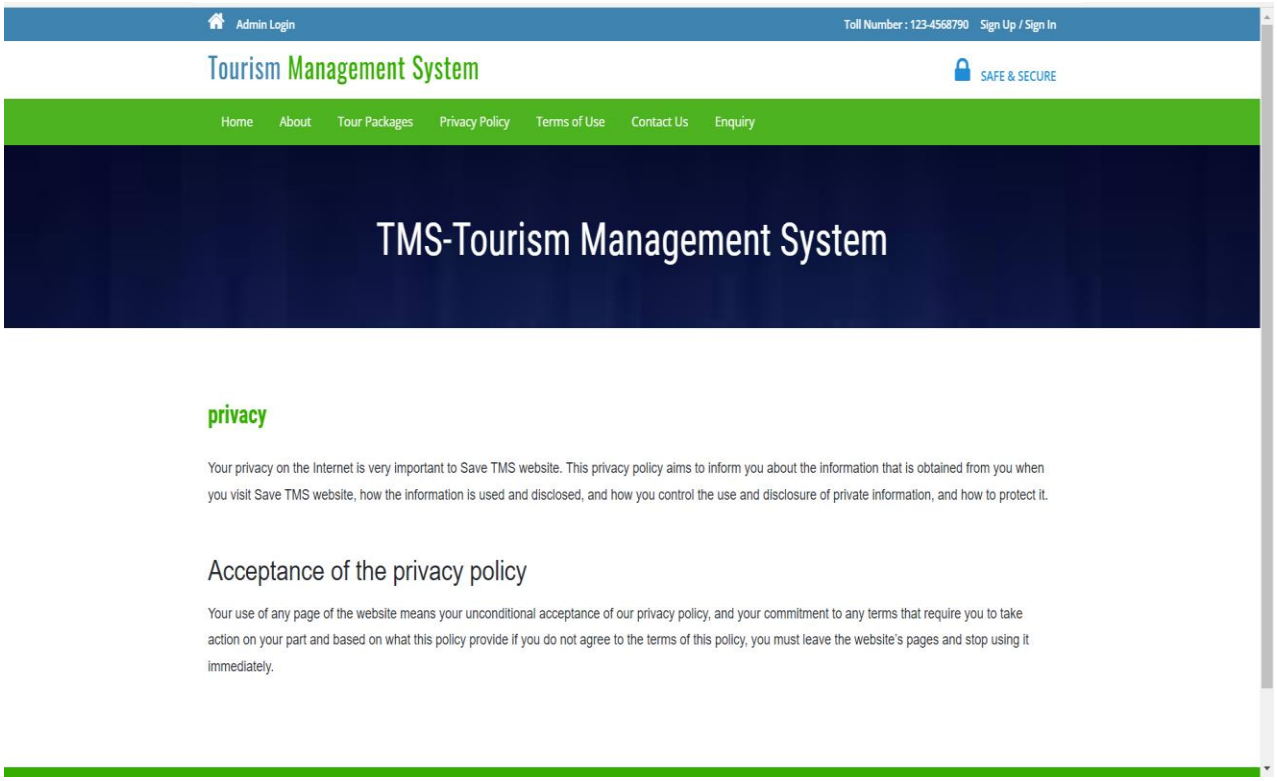
About Us Page



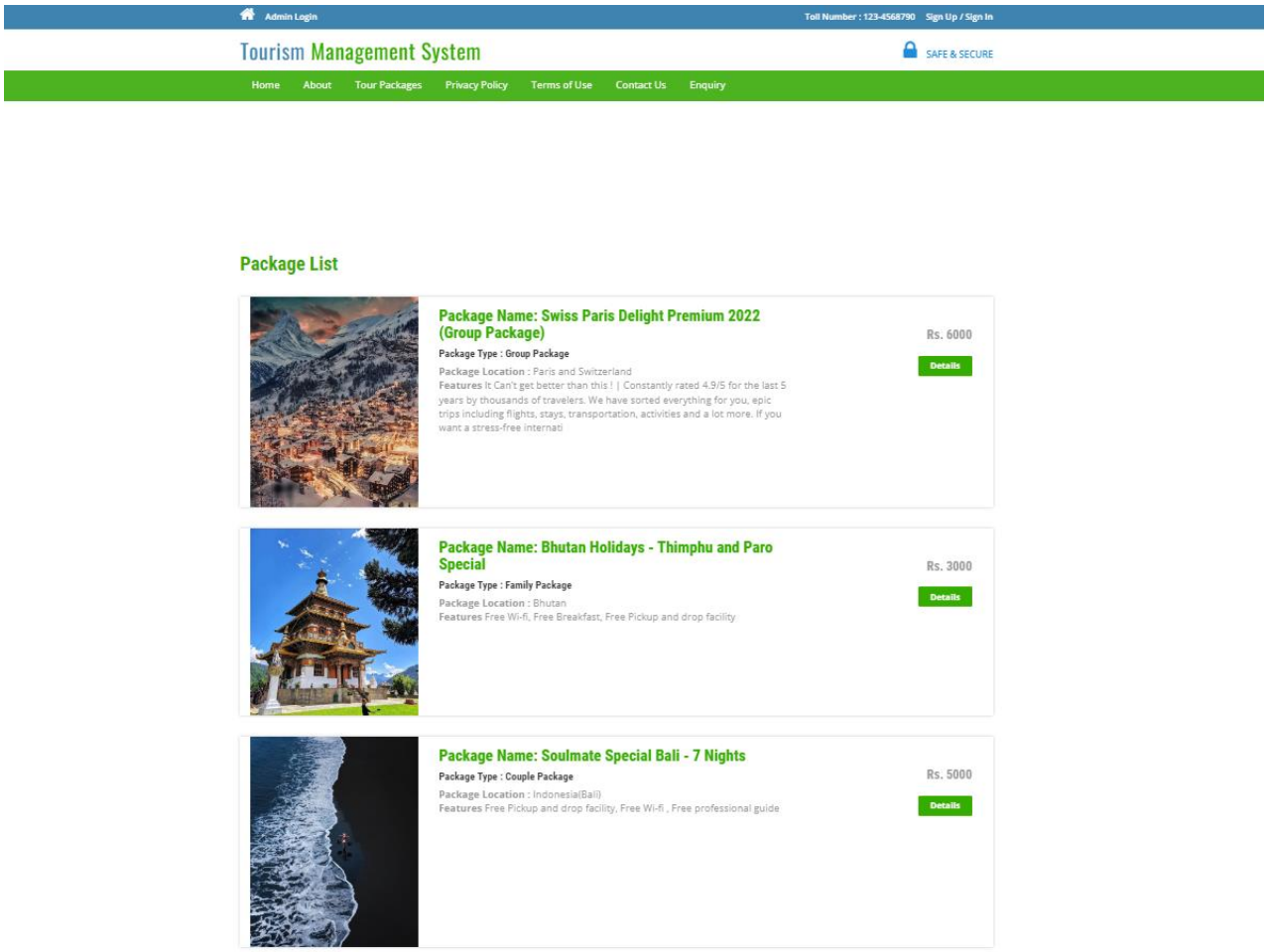
Contact Us Page



Privacy Policy



Travels Packages



Package Name: zanshkar ride

Package Type : full advancher

Rs. 800

Package Location : somewhere in ladakh

Features free food

Details

Package Name: Beautiful andaman

Package Type : Family and couple

Rs. 24999

Package Location : andaman and nikobar

Features all the facility availble there..

Details

Package Name: Beautiful Norway

Package Type : couple package

Rs. 50000

Package Location : Norway

Features free wifi and unlimited local food

Details

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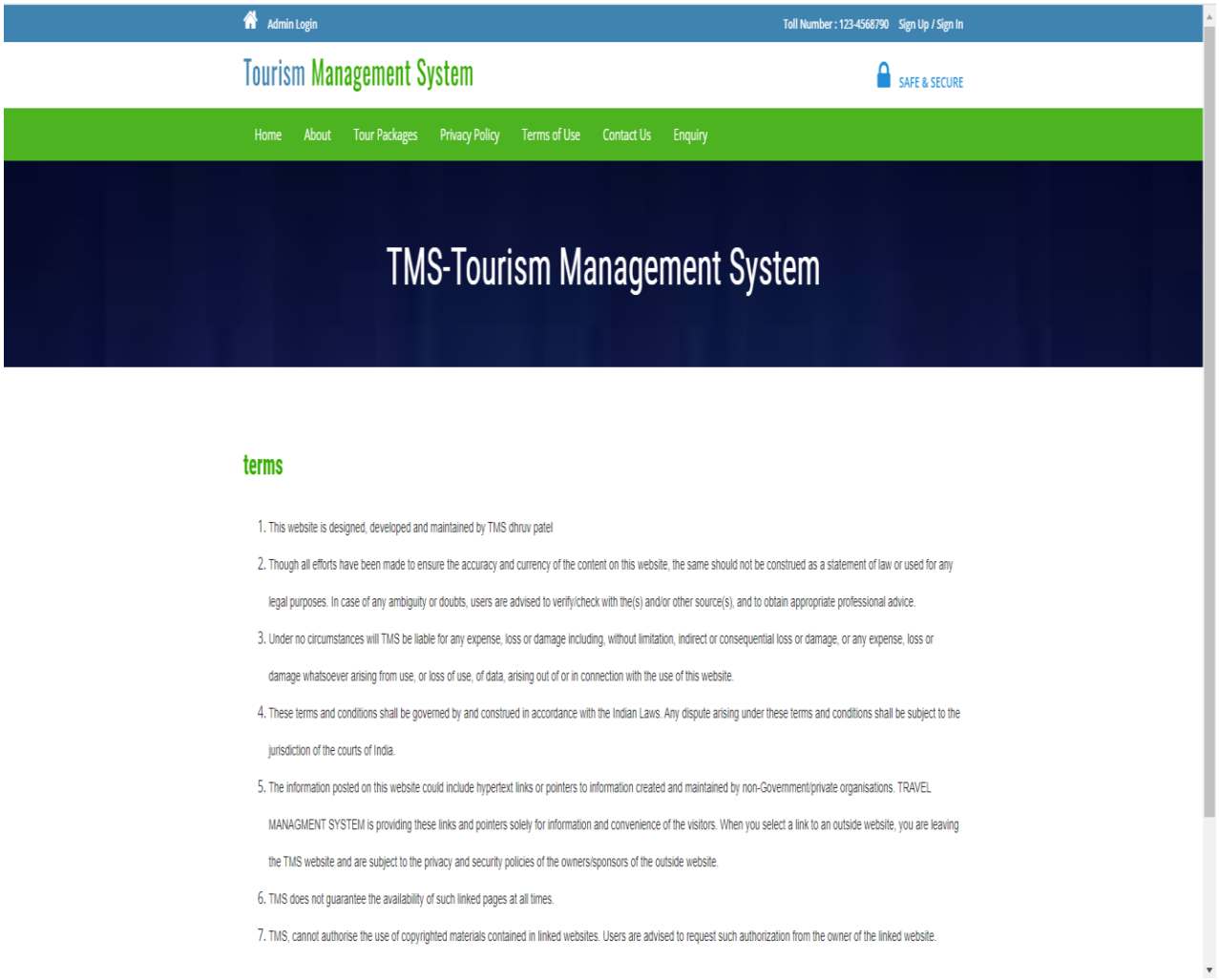
Admin Login
Toll Number : 123-4568790 Sign Up / Sign In
Tourism Management System
SAFE & SECURE
Home About Tour Packages Privacy Policy Terms of Use Contact Us Enquiry
TMS-Tourism Management System
terms
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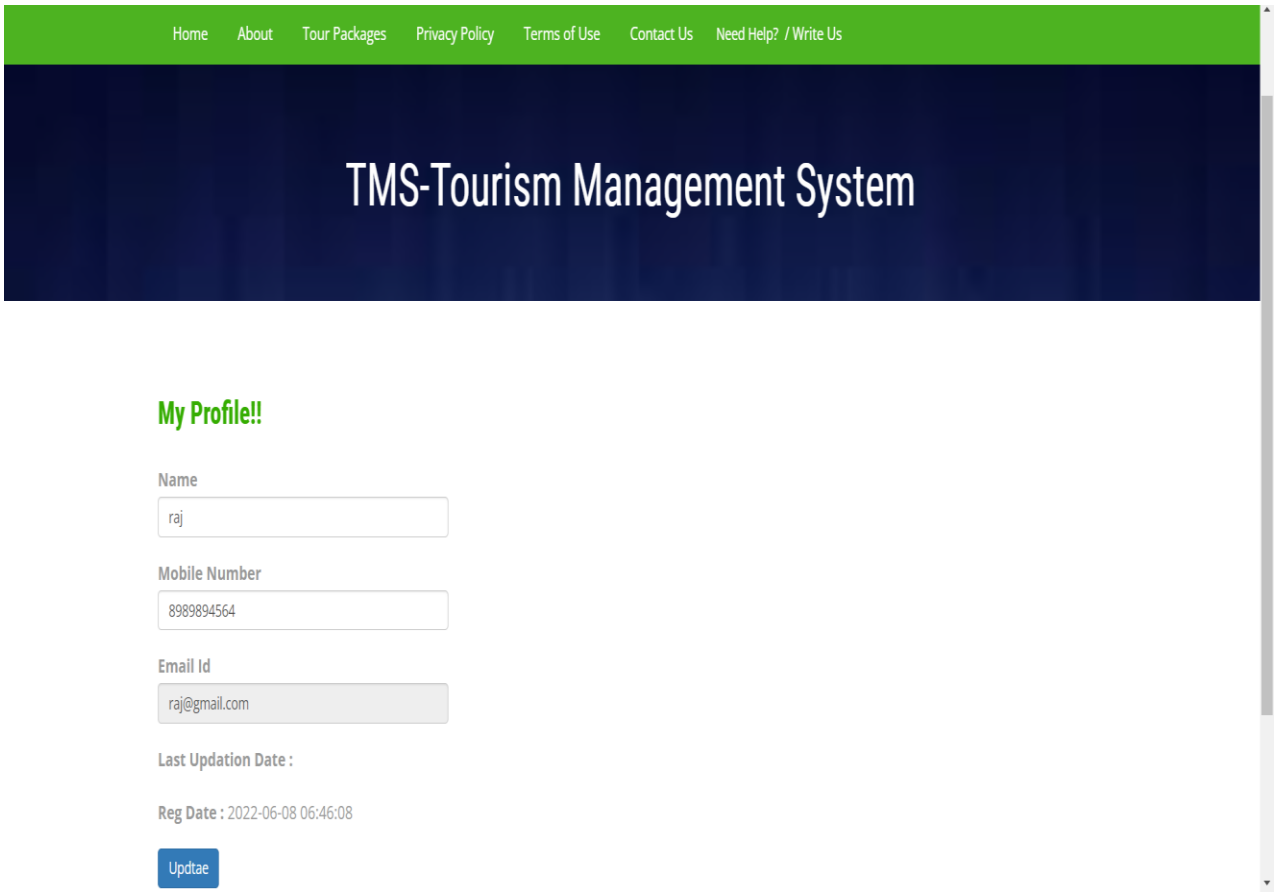
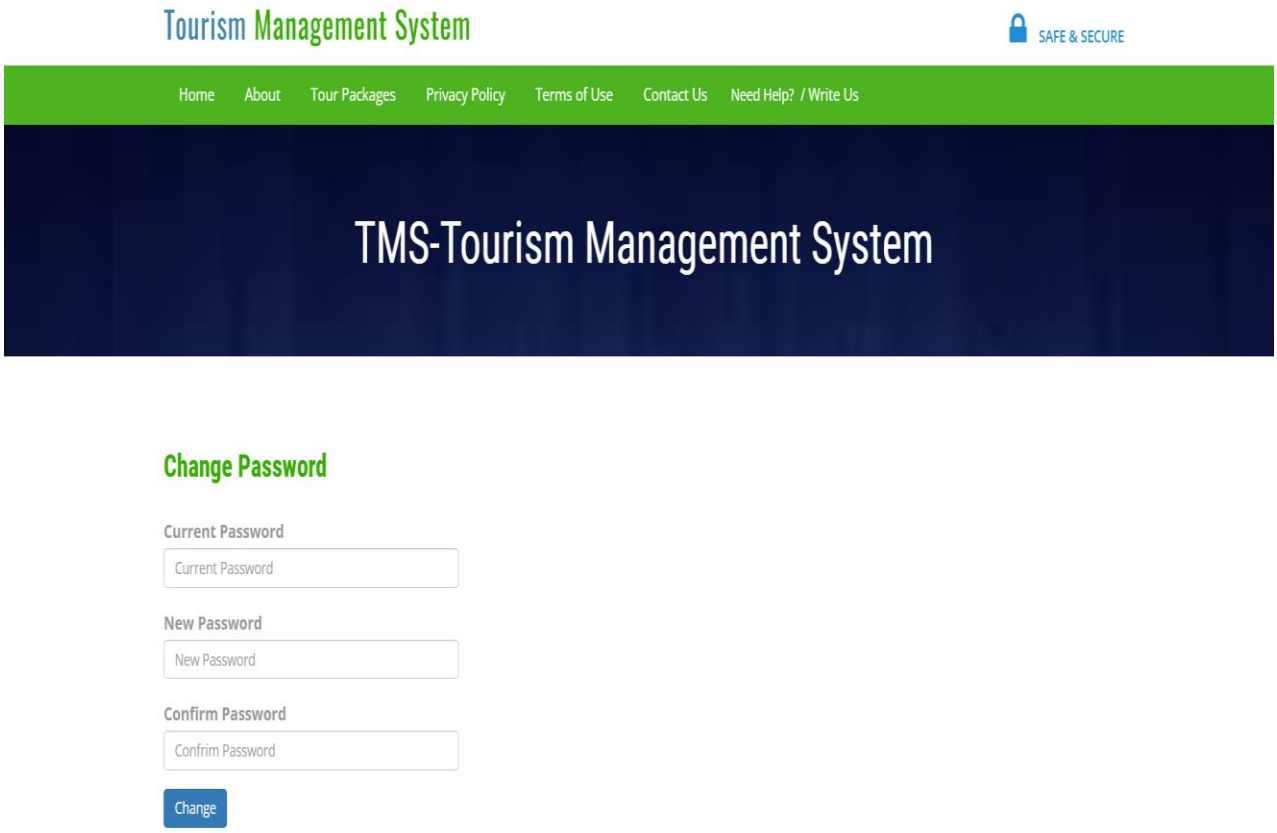
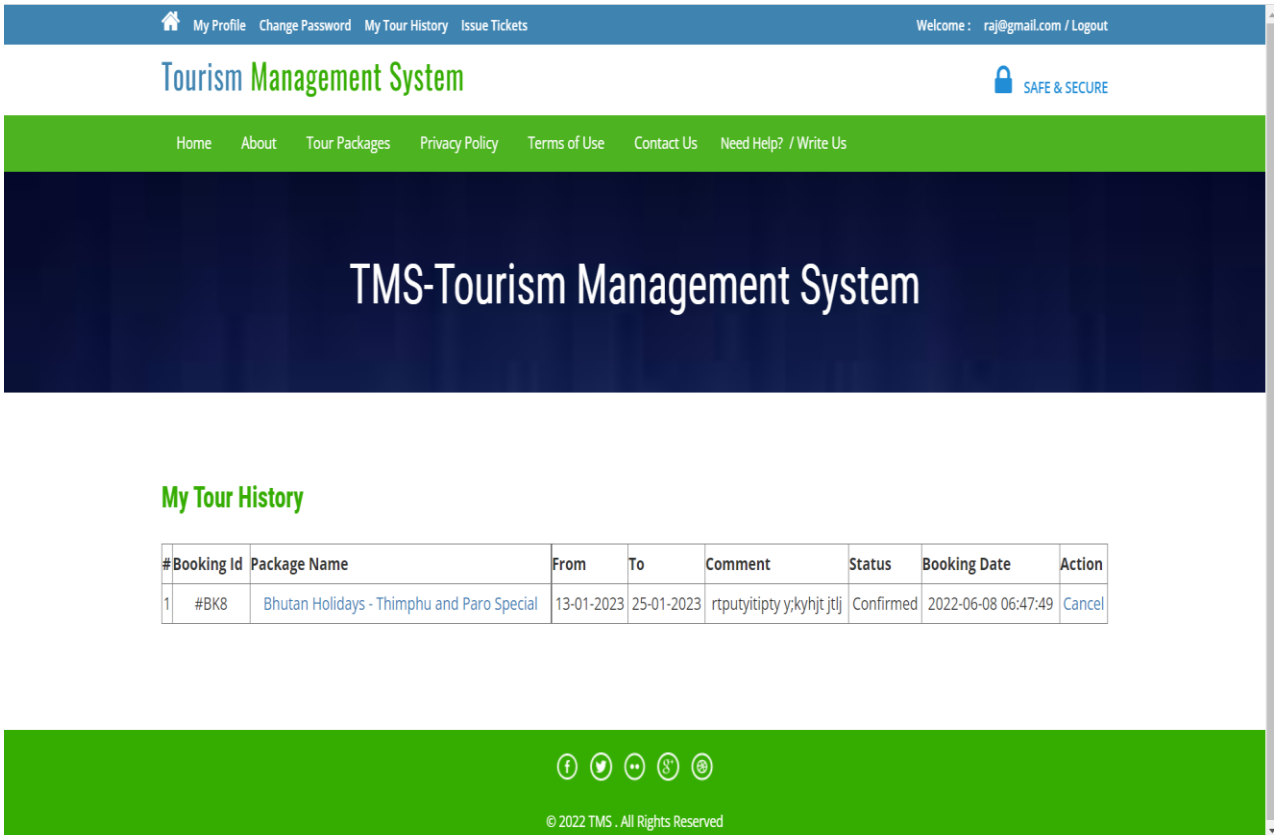
User Profile



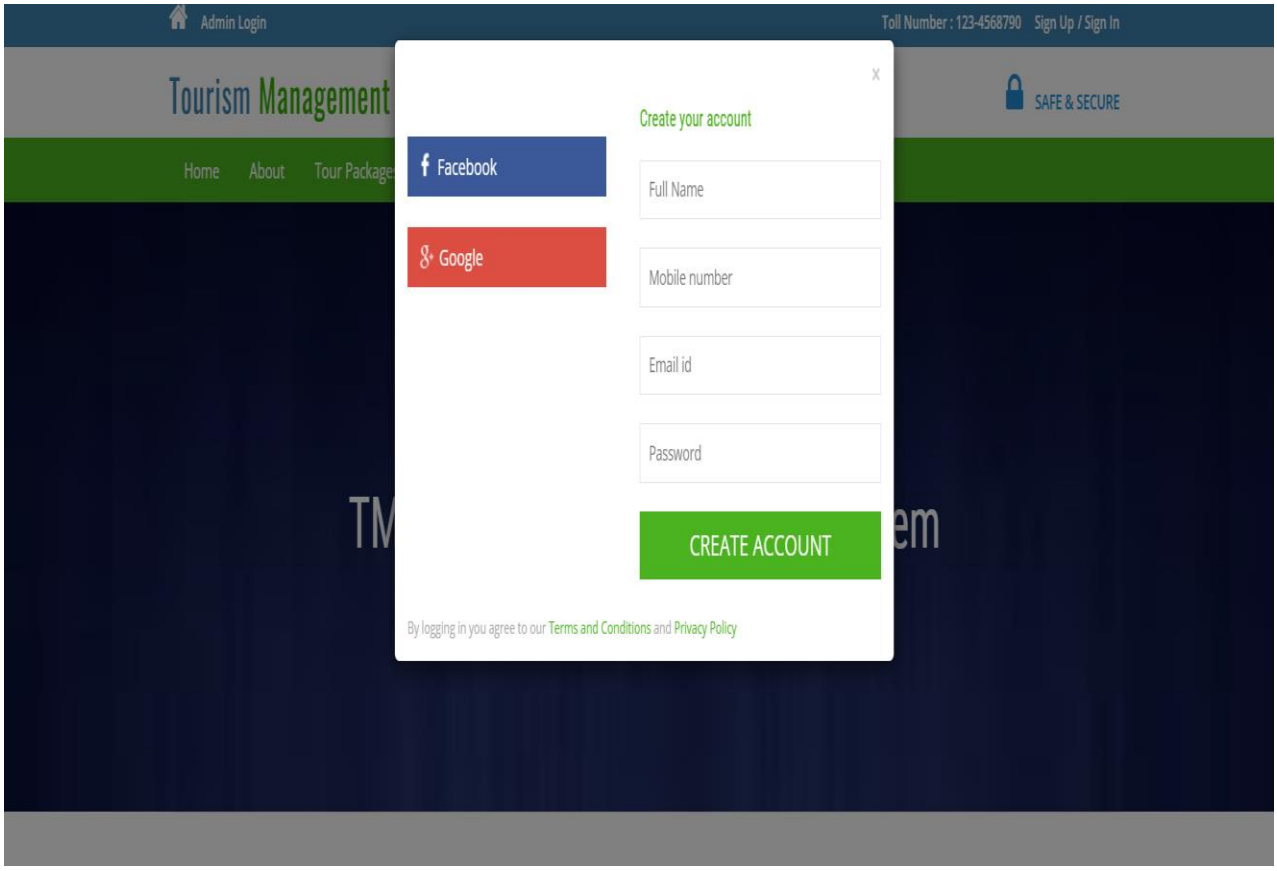
Change Password



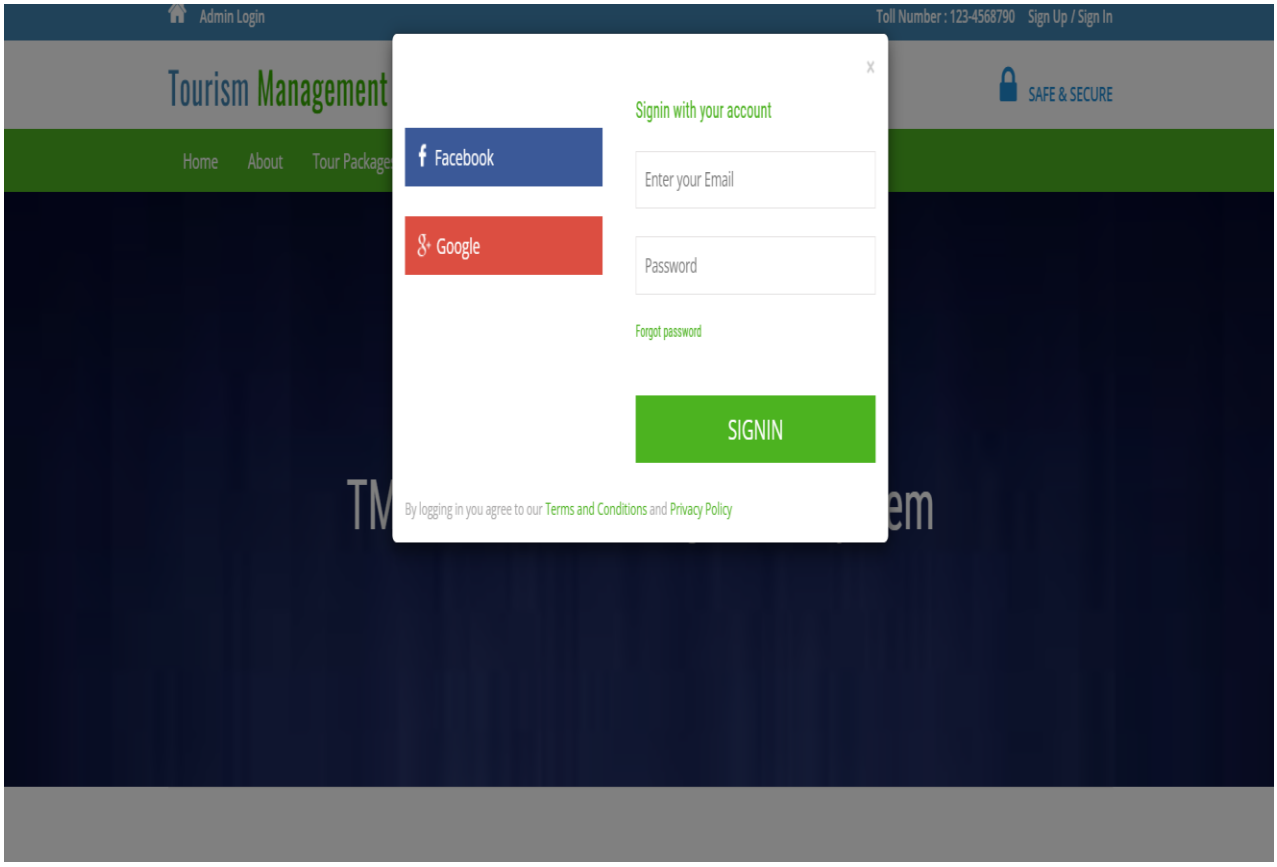
User Tour History



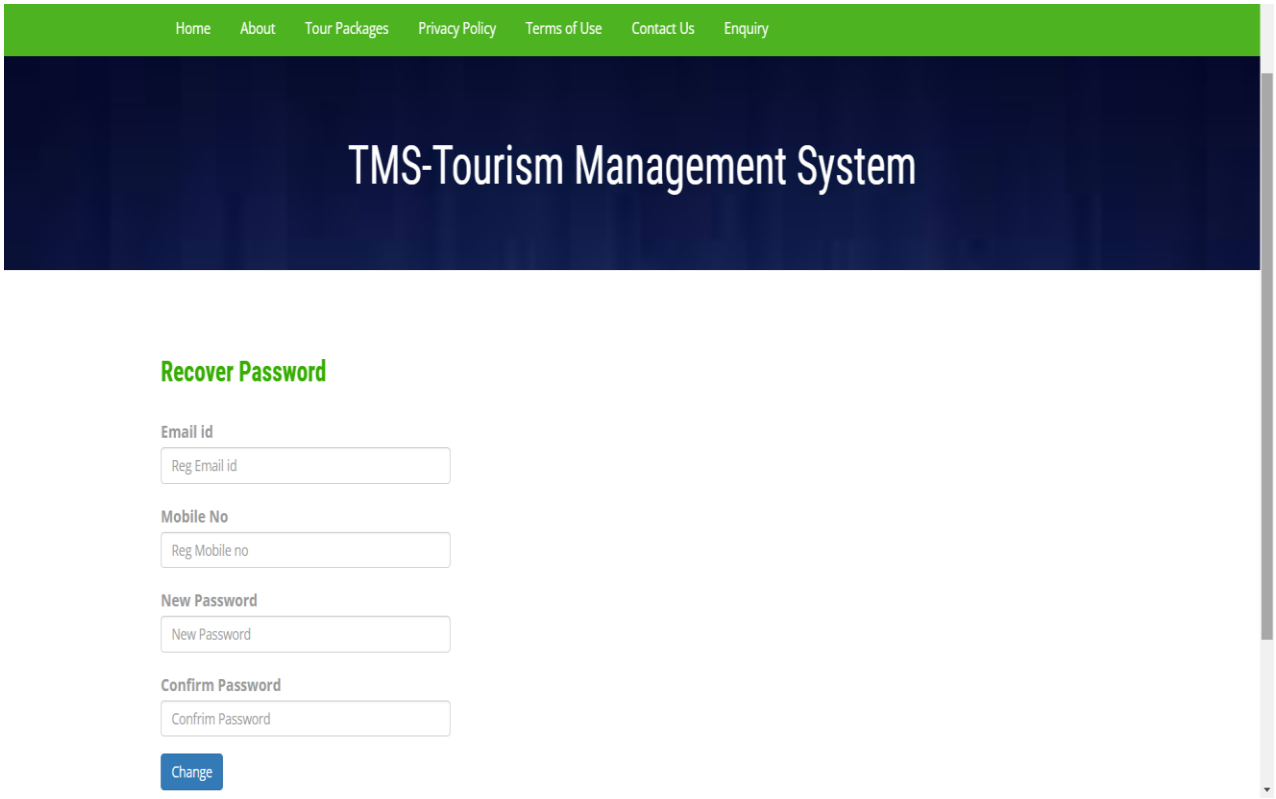
User Sign Up


Admin Login
Toll Number : 123-4568790
Sign Up / Sign In
Tourism Management
SAFE & SECURE
Home
About
Tour Package
Facebook
Google
Create your account
Full Name
Mobile number
Email id
Password
CREATE ACCOUNT
By logging in you agree to our Terms and Conditions and Privacy Policy

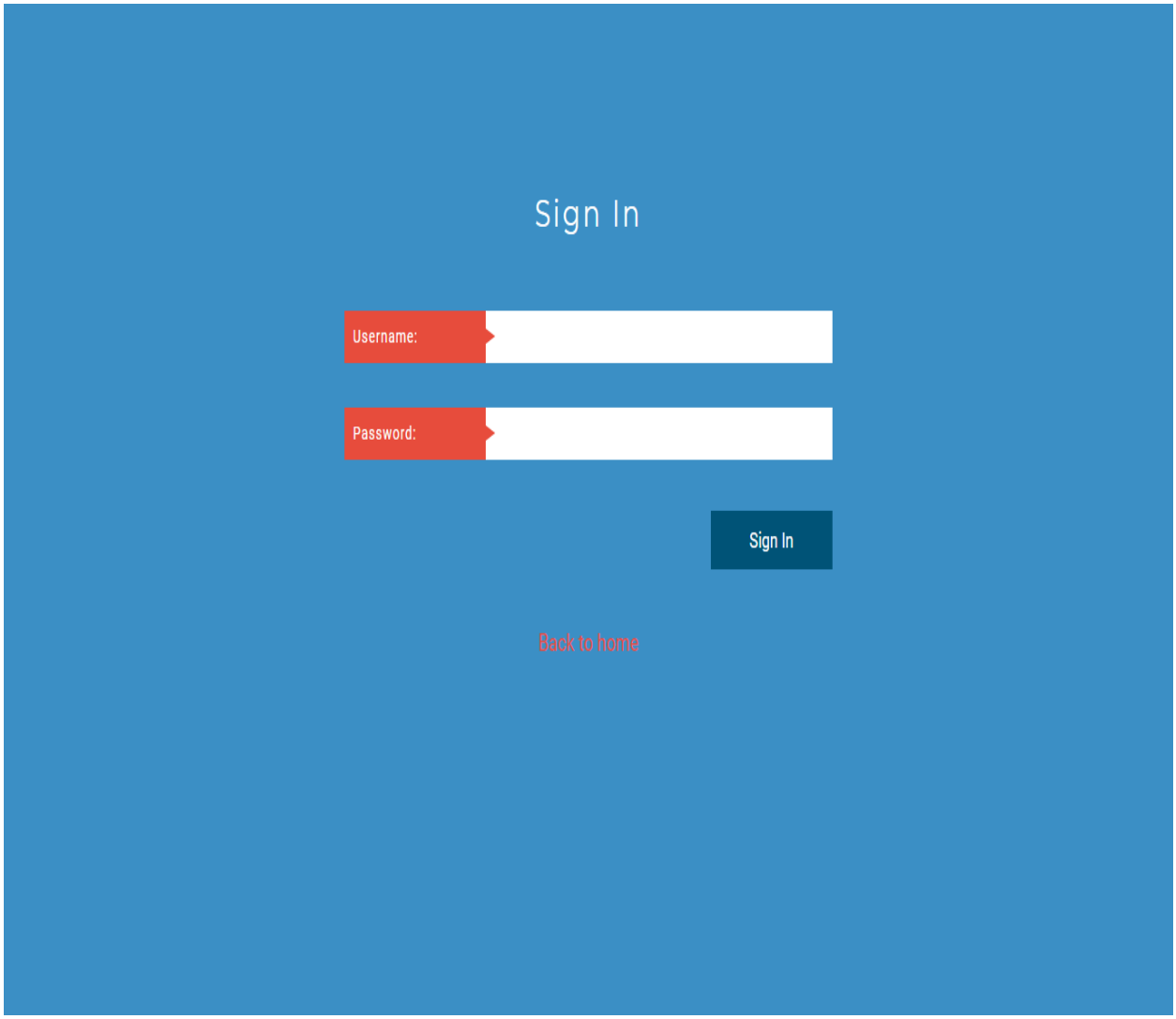
User Sign in


Admin Login
Toll Number : 123-4568790
Sign Up / Sign In
Tourism Management
SAFE & SECURE
Home
About
Tour Packages
Facebook
Google
Signin with your account
Enter your Email
Password
Forgot password
SIGNIN
By logging in you agree to our Terms and Conditions and Privacy Policy

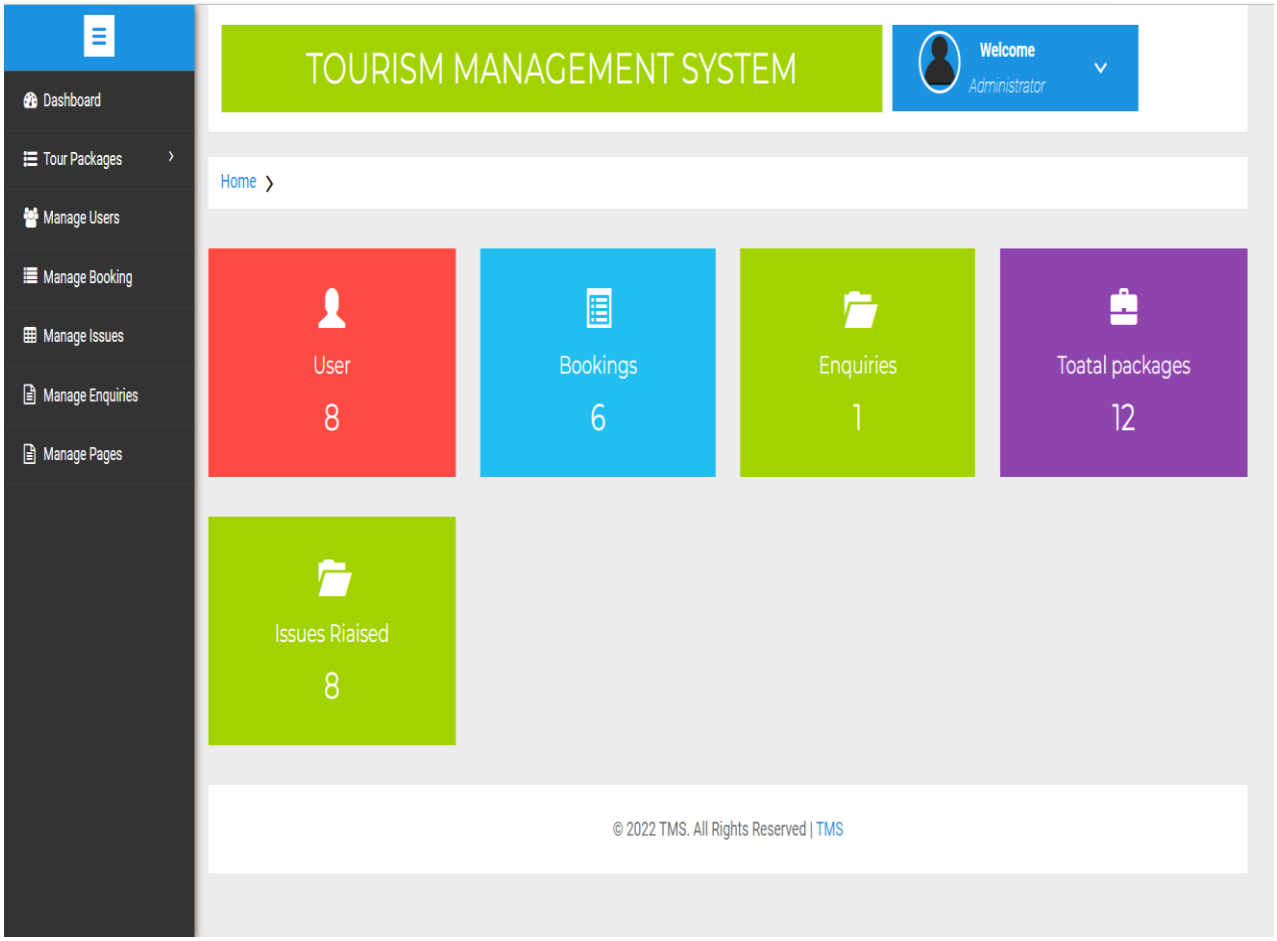
Forgot Password



Admin Login



Dashboard


TOURISM MANAGEMENT SYSTEM
Welcome
Administrator
Dashboard
Tour Packages
Manage Users
Manage Booking
Manage Issues
Manage Enquiries
Manage Pages
Home
User
8
Bookings
6
Enquiries
1
Toatal packages
12
Issues Riaised
8
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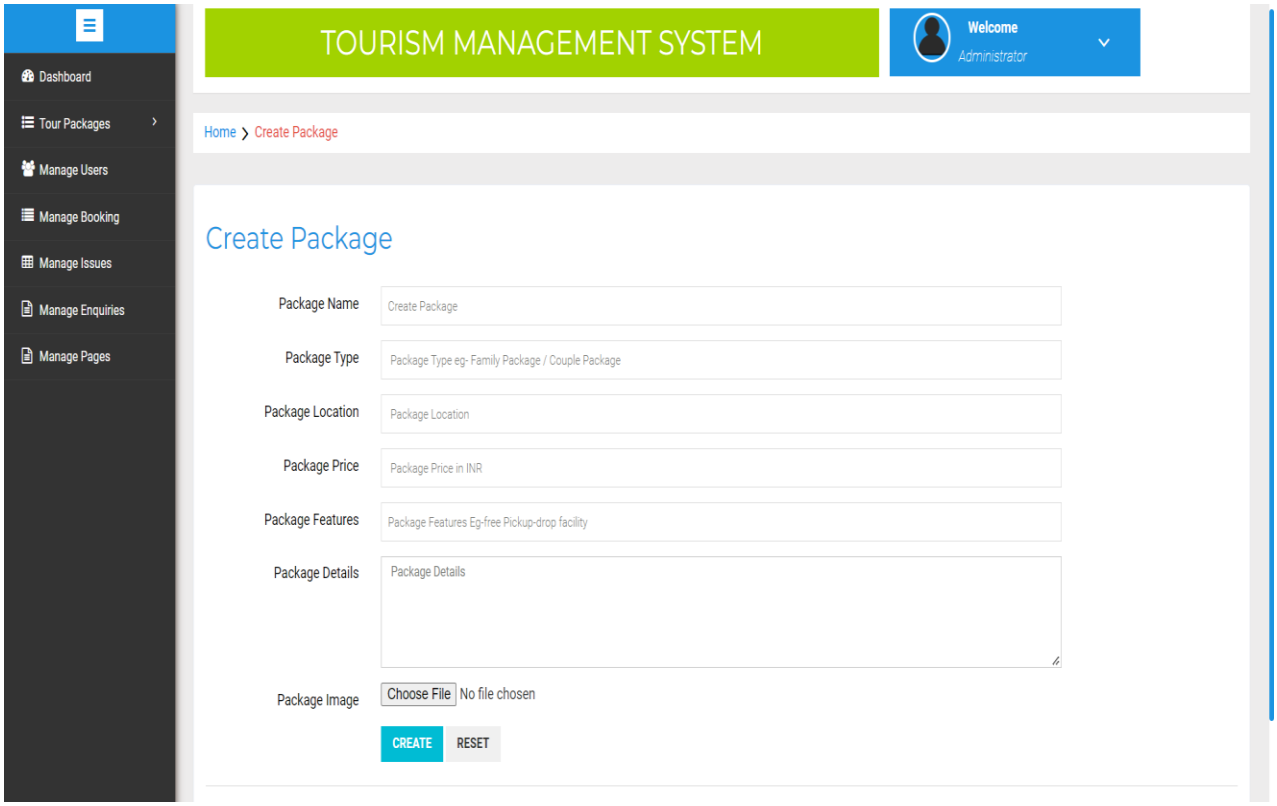
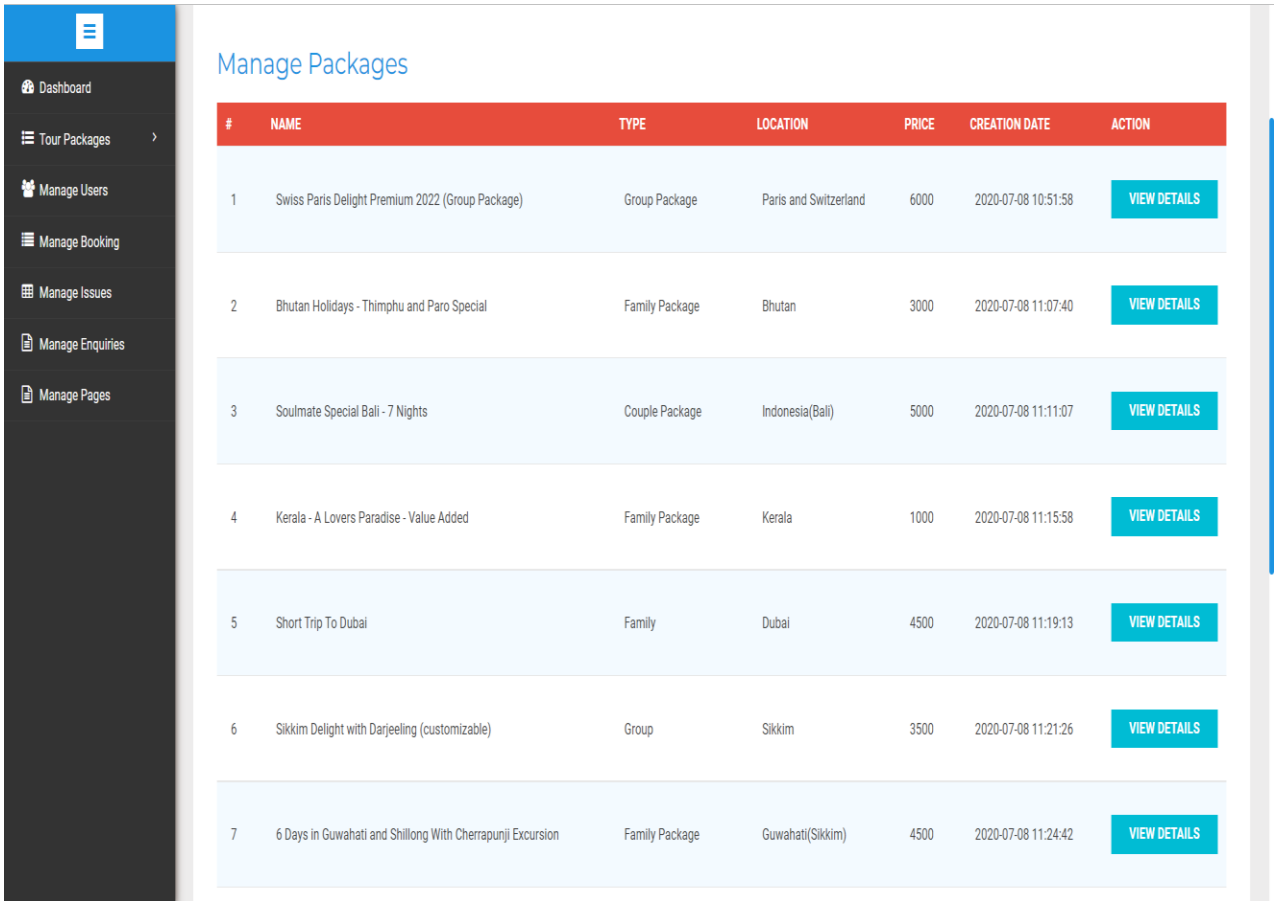
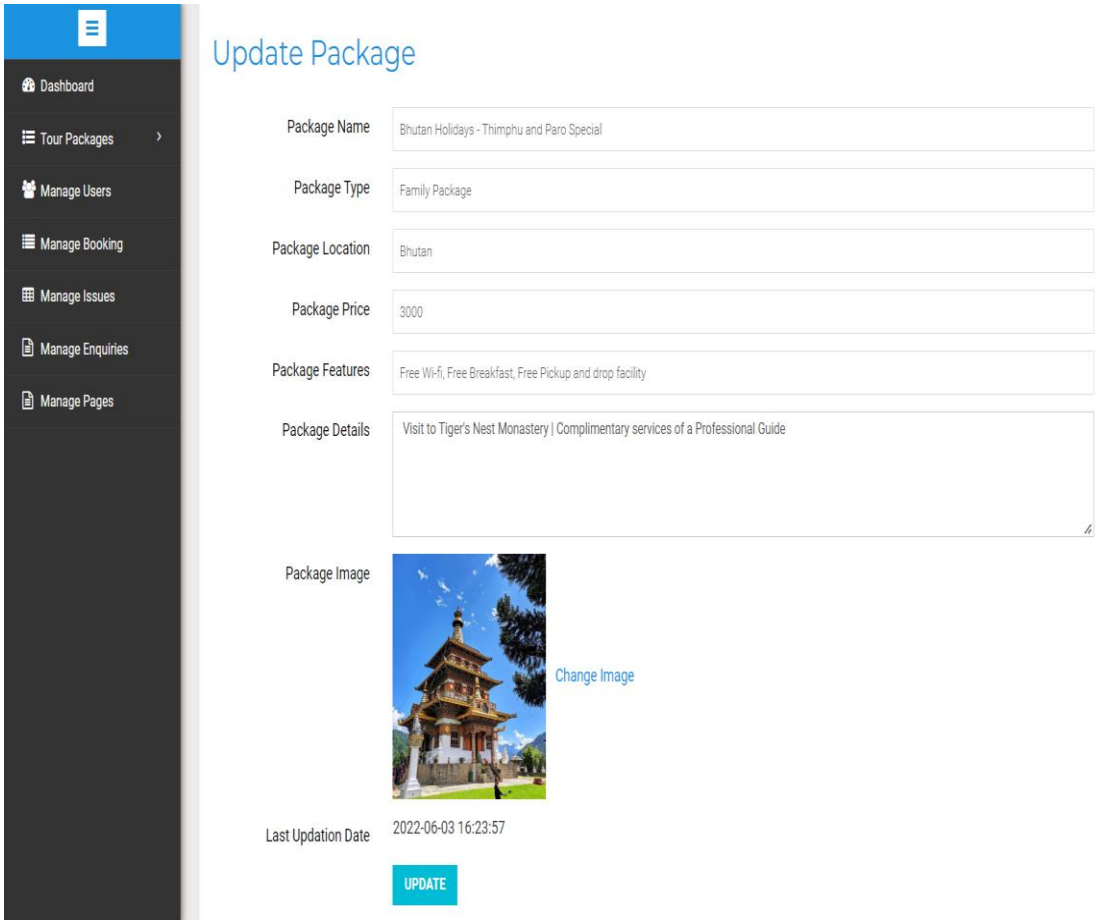
Create Package



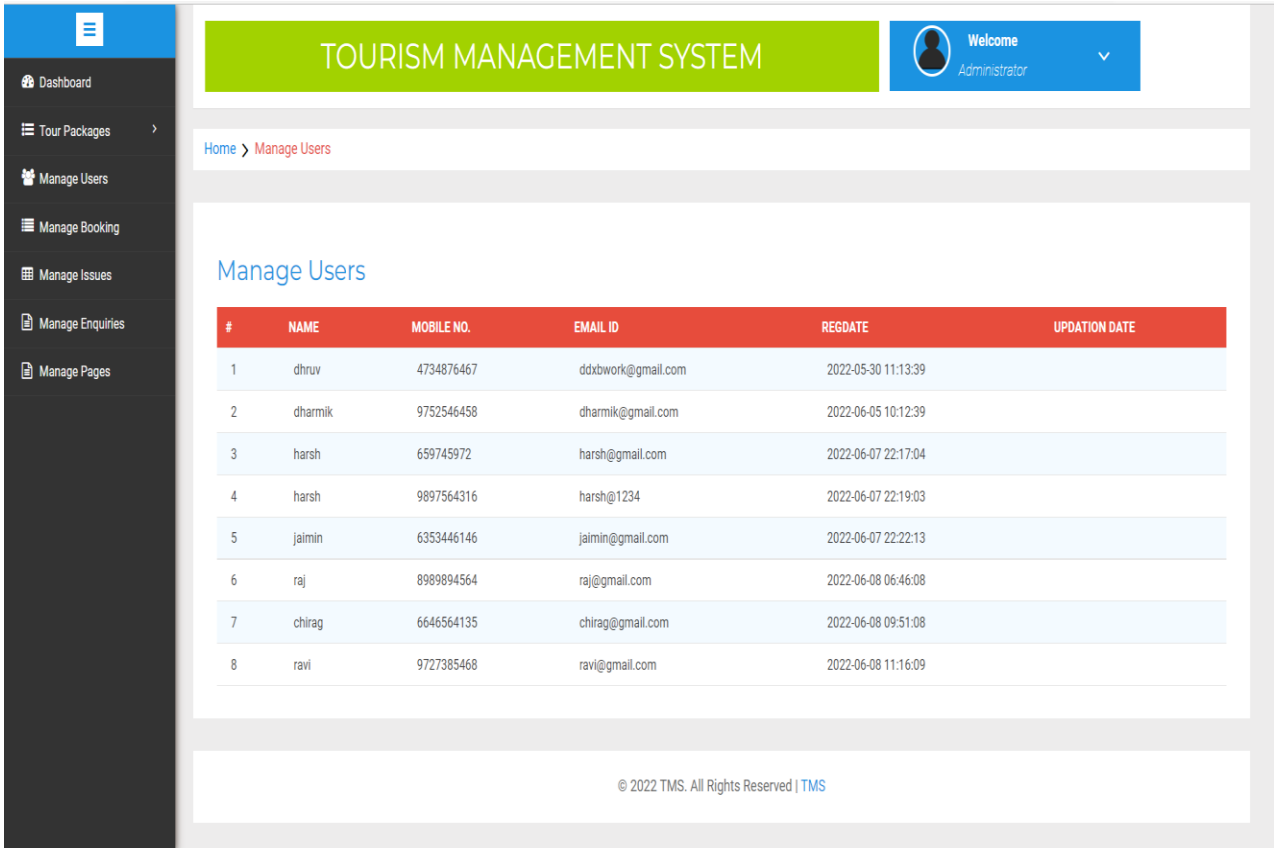
Manage Package



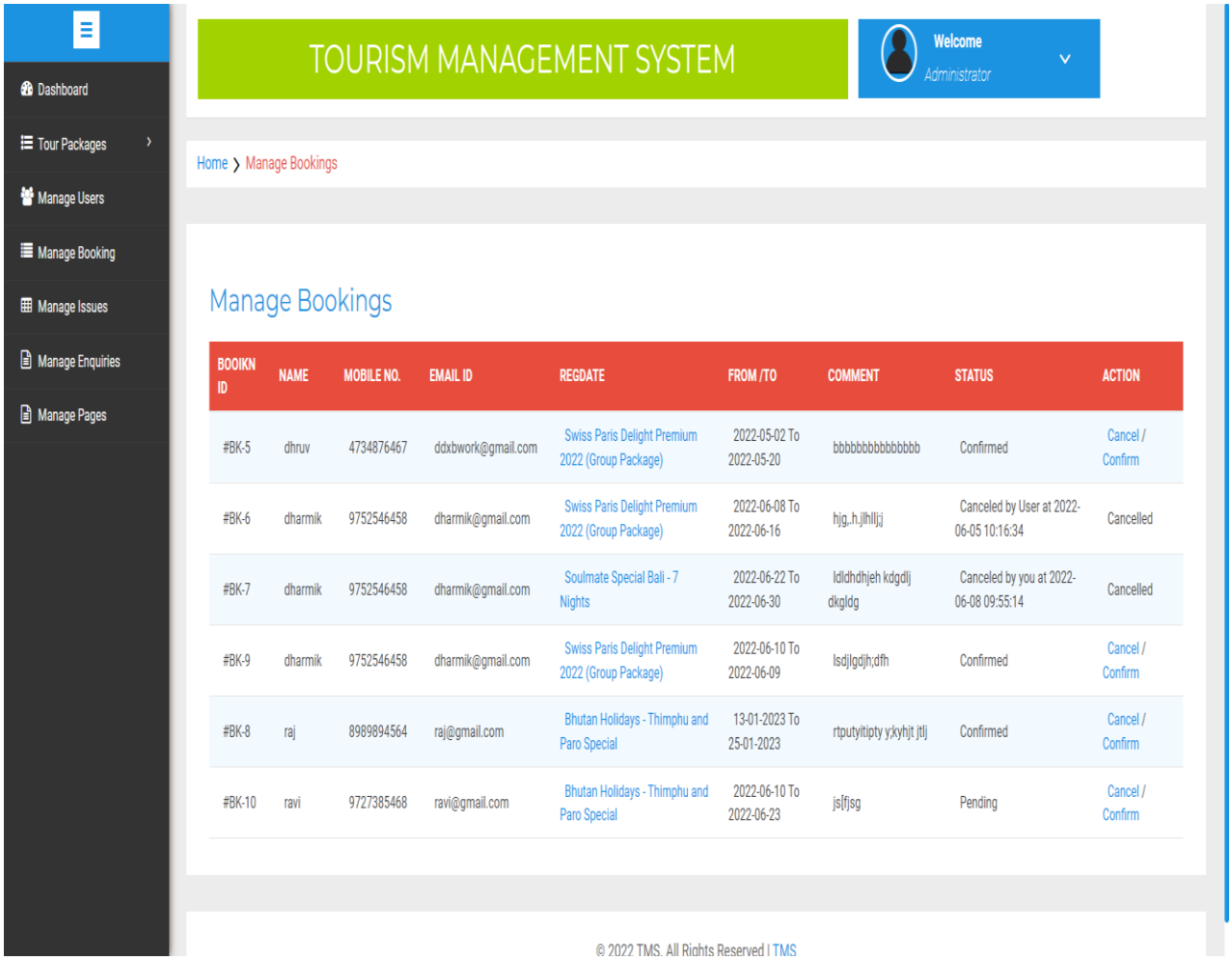
Update Package



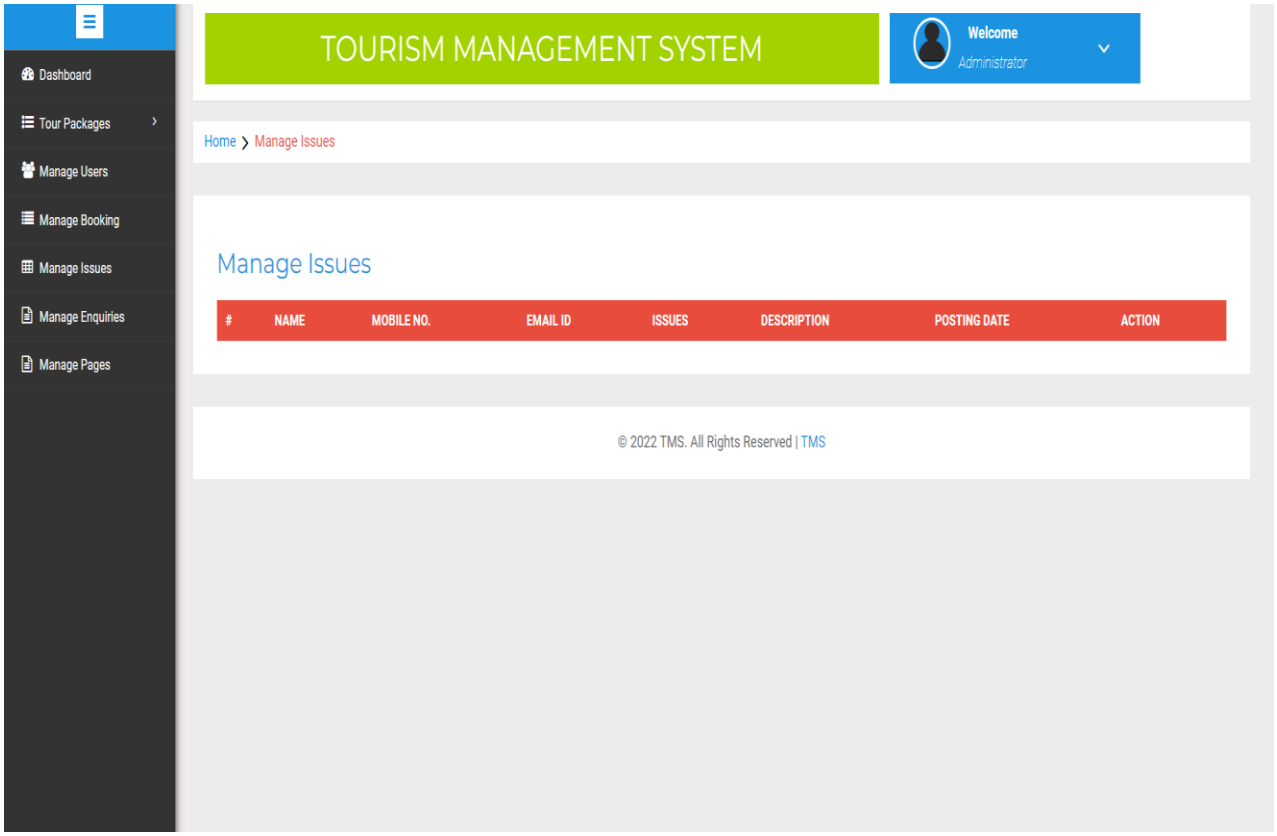
Manage Users



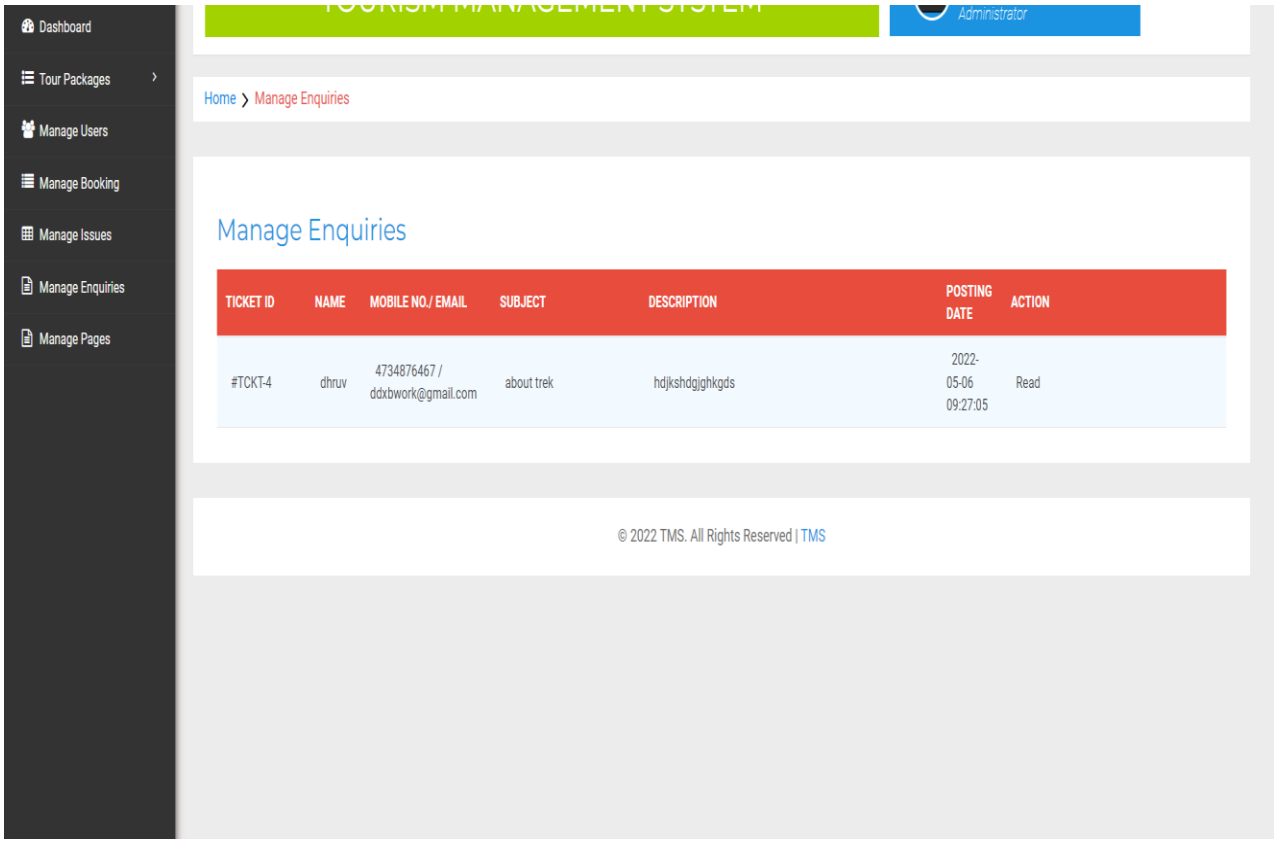
Manage Booking



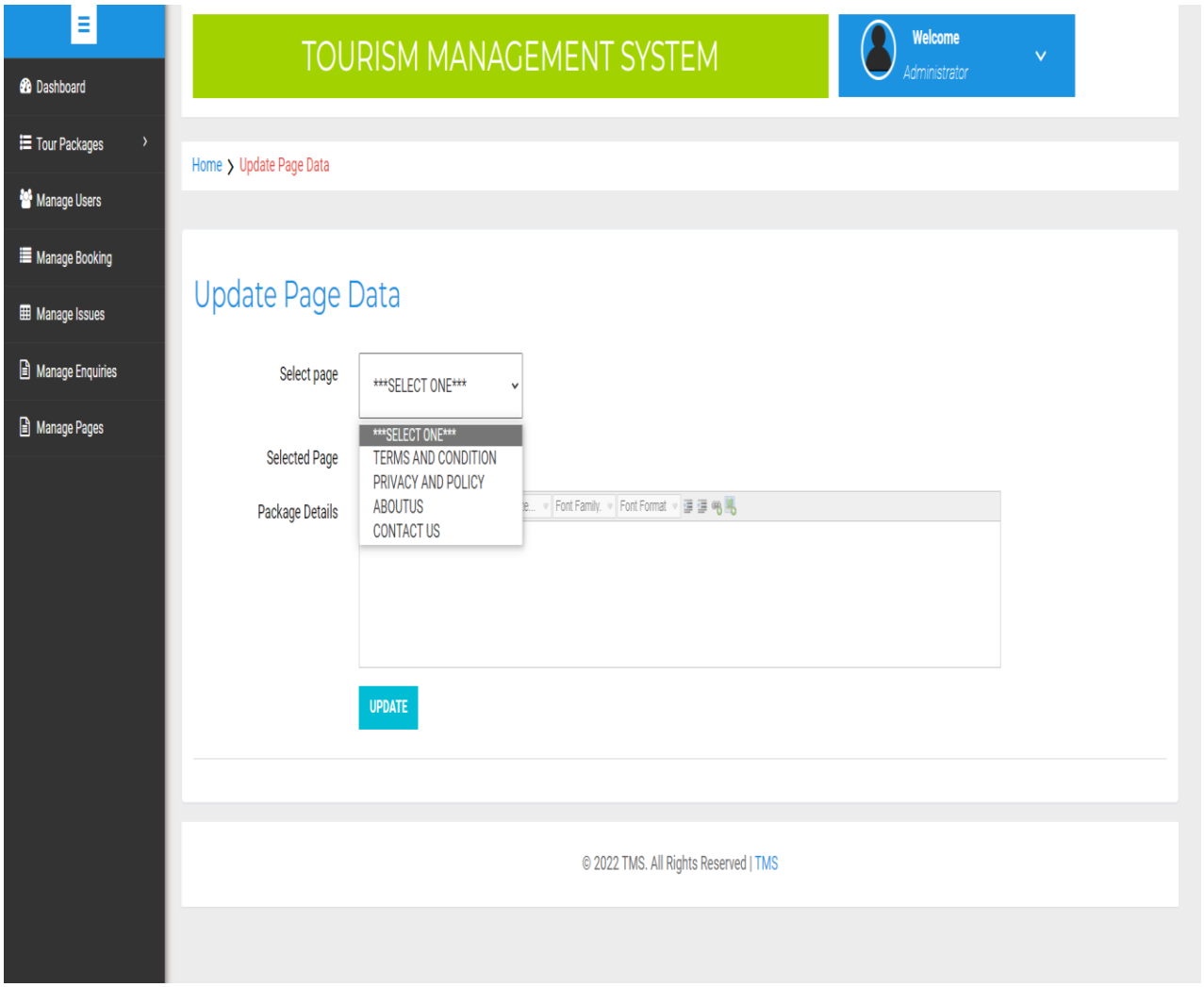
Manage Issues



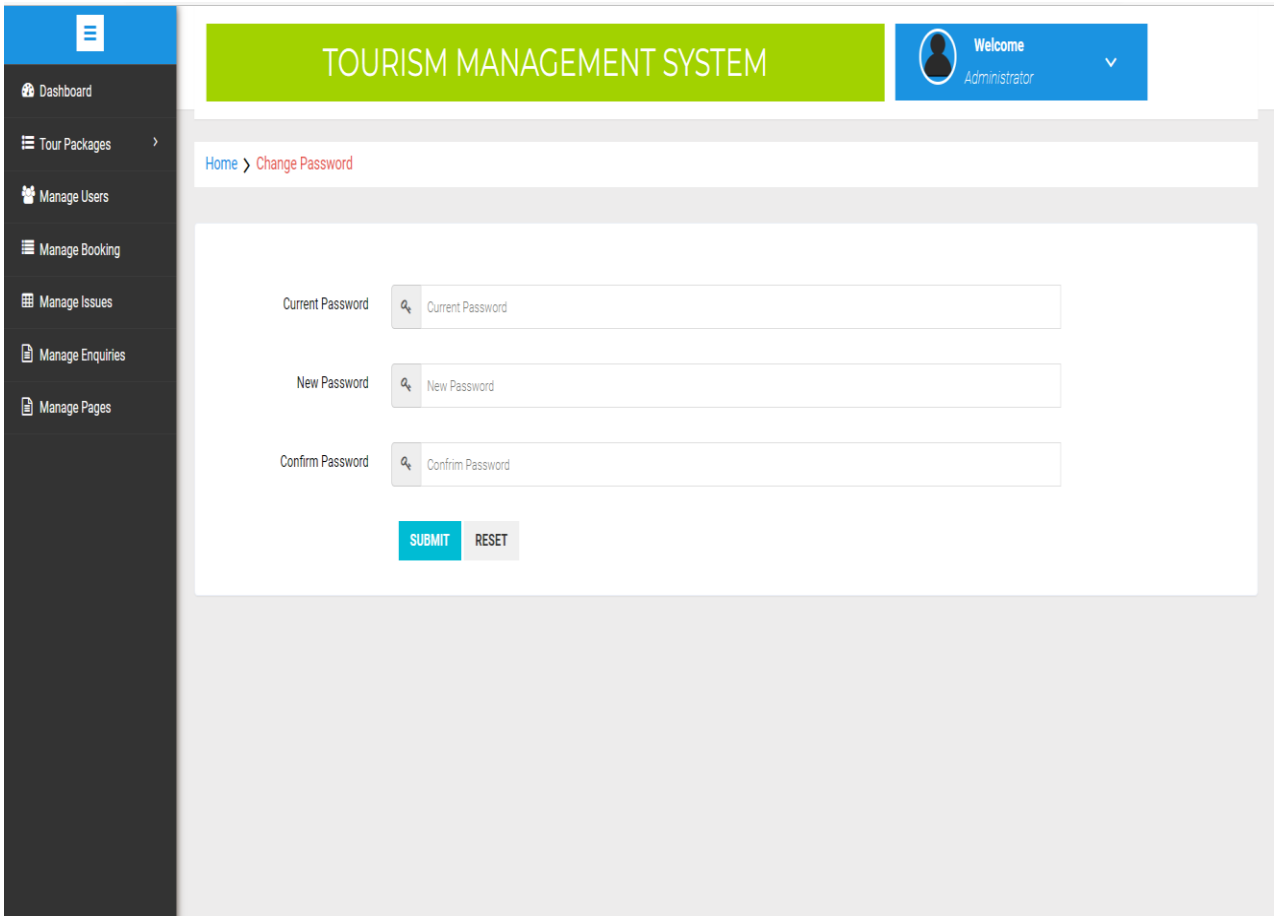
Manage Enquiry



Manage Pages



Change Password



8.CONCLUSION

To conclude the description about the project : The project, developed using PHP and MySQL is based on the requirement specification of the user and the analysis of the existing system, with flexibility for future enhancement.

The expanded functionality of today's software requires an appropriate approach towards software development. This hostel management software is designed for people who want to manage various activi-ties in the hostel. For the past few years the number of educational institutions are increasing rapidly.

Thereby the number of hostels are also increasing for the accommodation of the students studying in this institution. And hence there is a lot of strain on the person who are running the hostel and software's are not usually used in this context. This particular project deals with the problems on managing a hostel and avoids the problems which occur when carried manually.

Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system which is more user friendly and more GUI oriented.