TURBO TREKKERZ

By

Mr. JADAV MEET (003203201420)
Mr. JINDANI PARVEZ (003203201123)
Mr. PATADIYA MIIHIR(003003141151)

Supervisor

PROF. KIRTAN SANGHVI (M.E.C.E)

Assistant professor, B.C.A Department,

C.U.Shah WADHWAN CITY.

A Project Submitted To SaurashtraUniversity Sept-2022



Shree C.u.shah College of Commerce Management and Computer Education Wadhwan City

CERTIFICATE

This is to certify that project entitle "TURBO TREKKERZ" was carried out by Mr JADAV MEET S. (Enrollment No. 003203201420) at C.U.SHAH COLLEGE OF COMMERECE MANAGEMENT AND COMPUTER EDUCATION for B.C.A 5thsem to be awarded by Saurashtra university. This project work has been carried out under my supervision and is to my satisfaction

date:-

Place:-WadhwanCity

prof:- KirtanR.Sanghvi

Mr.H.K.Dave

Assistant Professor,

B.C.A Department

Principal, C.U. SHAH

Wadhwan

Institute Seal

CERTIFICATE

This is to certify that project entitle "TURBO TREKKERZ" was carried out by Mr JINDANI PARVEZ I. (Enrollment No. 003203201123) at C.U.SHAH COLLEGE OF COMMERECE MANAGEMENT AND COMPUTER EDUCATION for B.C.A 5thsem to be awarded by Saurashtra university. This project work has been carried out under my supervision and is to my satisfaction

date:-

Place:-WadhwanCity

prof:- KirtanR.Sanghvi

Mr.H.K.Dave

Assistant Professor,

B.C.A Department

Principal, C.U. SHAH

Wadhwan

Institute Seal

CERTIFICATE

This is to certify that project entitle "TURBO TREKKERZ" was carried out by Mr PATADIYA MIHIR P. (Enrollment No. 003203201151) at C.U.SHAH COLLEGE OF COMMERECE MANAGEMENT AND COMPUTER EDUCATION for B.C.A 5thsem to be awarded by Saurashtra university. This project work has been carried out under my supervision and is to my satisfaction

date:-

Place:-WadhwanCity

prof:- KirtanR.Sanghvi

Mr.H.K.Dave

Assistant Professor,

B.C.A Department

Principal, C.U. SHAH

Wadhwan

Institute Seal

PROJECT APPROVAL

This is to certify that project work embodied in this project entitled "TURBO TREKKERZ" was carried out by Jadav Meet S. (Enrollment No. 003203201420) at C.U.SHAH COLLEGE OF COMMERECE MANAGEMENT AND COMPUTER EDUCATION is approved for 5thsem to be award by Saurashtra university.

Date:-	
Place: -	saurashtrauniv <mark>ersity, Rajkot.</mark>
Exam	iners

PROJECT APPROVAL

This is to certify that project work embodied in this project entitled "TURBO TREKKERZ" was carried out by Jindani Parvez I. (Enrollment No. 003203201123) at C.U.SHAH COLLEGE OF COMMERECE MANAGEMENT AND COMPUTER EDUCATION is approved for 5thsem to be award by Saurashtra university.

Date:-	
Place: -sa	aurashtrauniv <mark>ersity, Rajkot.</mark>
Exami	ners
	74 km - 16 7

PROJECT APPROVAL

This is to certify that project work embodied in this project entitled "TURBO TREKKERZ" was carried out by Patadiya Mihir P. (Enrollment No. 003203201151) at C.U.SHAH COLLEGE OF COMMERECE MANAGEMENT AND COMPUTER EDUCATION is approved for 5thsem to be award by Saurashtra university.

Date:-	
Place: - Saura	ashtra university, Rajkot.
Examiners	
	SDGE 15

DECLARATION OF ORIGINALITY

We hereby certify that we are the sole authors of this project and that neither any part of project nor the whole of the project has been submitted for a degree to any other University or Institution.

We certify that, to the best of our knowledge, the current does not infringe upon anyone's copyright nor violate any proprietary rights and that any ideas, techniques, quotations or any other material from the work of other people included in our project, published or otherwise, are fully acknowledged in accordance with the standard referencing practices. Furthermore, to the extent that we have included copyrighted material that surpasses the boundary of fair dealing within the meaning of the Indian copyright (Amendment) Act 2018, we certify that we have obtained a written permission from the copyright owner(s) to include such material(s) in the current project and have included copies of such copyright clearances to our appendix.

We declare that this is a true copy of project, including any final revisions, as approved by project review committee..

Date:

Place: Wadhwan city

Name of Student: Name Of Guide:

Mr. Jadav Meet S. Asst.Prof.K.R.Sanghvi Mr. Jinadani Parvez I.

Mr. Patadiya Mihir P.

ACKNOWLEDGEMENT

I take this opportunity to express my gratitude and deep regards to my guide **Asst. Prof. Kirtan R. Sanghvi (C.U.SHAH COLLEGE OF COMMERCE)** for his exemplary guidance, monitoring and constant encouragement throughout the course of project thesis. The blessing, help and guidance given by him time shall carry me a long way in the journey of life on which I am about to embark.

I also take this opportunity to express a deep sense of gratitude to **Shree H.K.Dave** for his cordial support, valuable information and guidance, which helped me in completing this task through various stages.

I am obliged to all Faculty members of PG course (C.U.SHAH COLLEGE OF COMMERECE MANAGEMENT AND COMPUTER EDUCATION) for the valuable information provided by them in their respective fields.

I am grateful for cooperation during the period of my assignment. Lastly, I thank almighty, my parents and all classmates for their encouragement without this assignment would not be possible.

Finally, I would like to thank all them who have directly or indirectly helped me in order to complete project work.

Mr. Jadav Meet S. Mr. Jindani Parvez I. Mr. Patadiya Mihir P.

INDEX

Title Page

Certif	ïcateI
Projec	ct ApproachIV
Decla	ration of OriginalityVII
Ackno	owledgementVIII
Index	IX
List of	f TablesXIII
List of	f FiguresXIV
Abstr	actXV
Ch-1:	Project Introduction
1.1 1.2	Introduction2Motivation2
Ch-2:	Language Used For Website3
2.1 2.2 2.3 2.4 2.5	Html
	Project Management11
3.1 3.2	Project Approach
Ch-4:	Risk Management13
4.1 4.2	Risk Management

4.3 4.4	Estimation	
	System Requirement	
5.1	User Characteristics.	18
5.2	Hardware & Software Requirement	
Ch-6:	System Analysis	20
6.1	Study of current system	21
6.2	Requirement of New System	
6.3	Feasibility Study	
Ch-7:	Data Modeling	24
7.	1 System architecture design	26
7 •	E-R diagram	
7	2 Use case Diagram	
7 •.	User case diagram(Admin)	
	User case diagram(User)	
	User case diagram(Visitor)	
7.		
7 ••	Data Flow Diagram(0 Level)	
	Data Flow Diagram(1 Level)(Admin)	
	Data Flow Diagram(1 Level)(User)	32
	Data Flow Diagram(1 Level)(Visitor)	33
Ch-8:	Data Dictionary	34
Ch-9:	Screen shots	38
Ch-10	: Testing	50
10.1	Testing Plan	51
	Method of testing	
	Types of testing	
	Test Cases	

Ch-11	l: Conclusion and Future work	56
11.1	Conclusion	57
11.2	Limitation	58
11.3	Future Enhancement	58
Refer	ences	59

List OF Table

Title	Page No.
Table8.1 Admin	35
Table8.2 Category	35
Table8.3 Package	35
Table8.4 Gallery	36
Table8.5 User	36
Table8.6 Schedule	36
Table8.7 Booking	37

List Of Figure

Title	Page No.
Figure 1: E - R Diagram	26
Figure 2: Use Case Diagram	27
Use Case Diagram (A	Admin)27
Use Case Diagram(U	(ser)28
Use Case Diagram(V	(isitor)29
Figure 3: Data Flow Diagram	30
Data Flow Diagram(0	Level)30
Data Flow Diagram(1	Level)(Admin)31
Data Flow Diagram(1	Level)(User) 32
Data Flow Diagram(1	Level)(Visitor)33

ABSTRACT

"TURBO TREKKERZ"

Prepared by

Mr. JADAV MEET (003203201420)

Mr. JINDANI PARVEZ(003203201123)

Mr. PATADIYA MIHIR (003203201151)

Supervised by

Prof.Mr.KIRTAN R. SANGHVI (M.E.C.E)

Assistant Professor, C.U.Shah, Wadhwan City

It is a website named "TURBO TREKKERZ". The main purpose of this portal is for people who wants to travel across India. We have developed this website in PHP as Front End with the MySQL server as a back end and various CSS as well as to fulfil our website's "TURBO TREKKERZ". This project provides Online tour booking facility. When you log in it, we can access the process of different travel package. This website saves your times and power. It is very easy to handle and it is very simple.

Chapter-1 PROJECT INTRODUCTION

1.1 Introduction

The project entitled "TURBO TREKKERZ "enables a customer to provide a facility of booking different travel package from anywhere through online

1.2 Motivation

First we have searched so many topics related to tours and travel and many different types of tours and Travel website. We have checked out so many online tours and travel website such as Bike Ride, Trekking site, etc.

1. www.trekmunk.com

2. www.trekupindia.in

3. www.rocknrollriders.com

We many times think about this, topics but finally suggestion of our professor and friends we finally decided to make Online tours and travel website.

We choice to build of TURBO TREKKERZ site while in one option because now a days most of people use online travel website for good travel package. We provide different travel package based on their criteria.

So we think to make this whole website is a best option for us we started working on it.

Chapter-2 Languages used for website

2.1 INTRODUCTION TO HTML

Html stands for **Hypertext Mark-up Language**. With Html you can create your own website. Html is easy to learn. Html is not programming language; it is mark-up language. A mark-up language is set of mark-up language is set of mark-up tags. Html uses mark-up tags to describe web pages. This tags to describe web pages.html documents saved with **.html** extension. For create html document you write your code in notepad &then run your program in browser.

2.1.1.Structure Of Html Documents:

```
<Html>
    <head>
        <title>home shopping network</title>
        </head>
        <body>
            <h1>home shopping network</h1>
        </body>
</html>
```

2.1.2.Tags of Html

1. <h1>:-

Give a heading to our page we use to <h1> tag. <h1> is a biggest in font and <h6> is smallest in font.

2.
:-

When we want to break line that time is used this tag.

3.:-

In our page we want different types of font's style, font's size, font'scolor that time used this tag.

4.:-

We want paragraph that time this tag is used.

5.<marquee>:-

Give a direction to image or text left to right or right to left this tag is used.

6.:-

In our page we saw our data,img,text in tableformate then we use this tag.we use ,,colspan,rowspan,border,bgcolor etc...in tag.

7.:-

We set a image in our page that time img tag is use.Src attribute is use for to set our image path.

We give a border, height, width etc in this tag is using different attribute.

8.<center>:-

We want to write some text in center or img that time we use center tag.

9.<form>:-

We give particular name to our form and action attribute is used to direct jump on that page which we write in action.

10.<a>:-

Tag is used to for link go to another page this tag is used.

◆ Example:home

When we click home then jump to abc page.

2.2. INTRODUCTION TO CSS

CSS stands for Cascading Style Sheet. Style define how to display html elements. The <style> tag used for css. External Style sheet also stored in css file. The extension of css file is .css. Css provide class, span id, layers,attributes. Css 3 is the latest version in cascading style sheet. css 3 provide grouping,floating,positioning,navigationbar,imagegallery,image opacity,media types & nesting.

2.2.1Structure Of CSS Documents

<html>
<head>
<style>
Body{background-color:blue}
h1{font-size:36pt}
h2{color:red}
<style>
</head>

```
<body>
<h1>This header is 36</h1>
<h2>This header is blue</h2>
</body>
</html>
```

2.3. INTRODUCTION TO JAVASCRIPT:-

Javascript is the scripting language of the web. Javascript is the world's most popular programming language. This use to billions of webpages. Javascript used to validate form and communicate with server. Javascript is easy to learn. Javascript is lightweight programming language. Javascript is interpreted programming language. Javascript is developed by netscape communication. Javascript is client side scripting language. Javascript supports all the major browsers like Firefox, opera, chrome. Javascript can create variable, function, cookie and session. Javascript can put dynamic text into Html. Javascript can read & write Html elements. Javascript can detect visitor's browser. json is the newer form of javascrc.

2.3.1.Advantages

- Javascript is executed on the client side.
- Javascript is a relatively easy language.
- Javascript is relatively fast to the end user.
- Extended functionality to web pages.

2.4. INTRODUCTION TO PHP/MYSQL:-

(i)PHP:-

- > PHP is an acronym for "PHP: Hypertext Preprocessor".
- > PHP is a widely-used, open source scripting language.
- > PHP scripts are executed on the server.
- > PHP is free to download and use.
- ➤ It is deep enough to run the largest social network (Facebook)!
- ➤ It is also easy enough to be beginner's first server side language.
- ➤ PHP files contain text, HTML, CSS, JavaScript, and PHP code.
- > PHP code are executed on the server, and the result returned to the browser as plain HTML.
- > PHP files have extension ".php".
- > PHP can generate dynamic page content.
- > PHP can create, open, read, write, delete, and close file in the server.
- > PHP can collect from data.
- > PHP can send and receive cookie.
- > PHP can add, modify, delete data in your database.
- > PHP can be used to control user-access.
- > PHP can encrypt data.

(ii)MYSQL:-

- > MYSQL is a database server.
- ➤ MYSQL is ideal for both small and large application
- > MYSQL support standard SQL.
- > MYSQL is free download and use.

> SQL stands for structure query language.

There are several MYSQL function to run for PHP

(i)PHP mysqli_connect():-

The mysqli_connect() opens a non-persistent MYSQL connection.

(ii) PHP mysqli close():-

The mysqli_close() closes a non-persistent MYSQL connection.

(iii)PHP mysqli_query():-

The mysqli_query() executes a query on a MYSQL database.

(iv)PHP mysqli_select_db():-

The mysqli_select_db() function set the active MYSQL database.

(v)PHP mysqli_error():-

The mysqli_error() dunction returns the error descripition of the last MYSQL opration.

(vi)PHP mysqli_fetch_row():-

The mysqli_fetch_row() function returns a row from a record set as anumeric array.

PHP Create a Database

The CREATEDATABASE statement is used to create a database is MYSQL.

Create a table

The CREATE TABLE statement is used to create a database table in MYSQL.

2.5 JQuery:-

- > JQuery is JavaScript library.
- > JQuery simplify java script programming.
- > JQuery is easy to learn.
- > JQuery is light-weight JavaScript function library.
- ➤ JQuery uses "\$" sign to define JQuery.
- > JQuery has rich set of method.
- ➤ The main purpose of JQuery is making it much easier to use JavaScript on your website.
- > JQuery is also extensible.
- ➤ Many big companies on web uses JQuery like Microsoft, Google, IBM etc.
- > JQuery function:
 - o HTML element selection
 - o HTML element manipulation
 - CSS manipulation
 - o HTML event function
 - o JavaScript effects and animation
 - o AJAX

Chapter-3 Project Management

3.1 Project Development Approach

- > Building up of database for the system.
- > Creating a light weight and sleek design.
- > Creating a logical flow for the system.
- ➤ Modularizing the system.
- Merging the modules to act as a whole system.

3.2 Project Plan

- > Analysis of the system.
- > organizing the project.
- ➤ Hardware and software requirement of the system.
- ➤ Implementation of the task e.g. login module, registration module, feedback module etc.
- > Monitoring and reporting mechanism.

Chapter-4 Risk Management

4.1 Risk Management

- A risk is any unfavorable event or circumstances that can occur while a project is underway.
- Software is difficult in understanding. Lots of things can go wrong.
- So the objective of including this section is to identify risk that can be helping us to understand and manage uncertainly during the development of the project.

4.2 Risk Analysis

Types of Risks:

- ▶ Performance Risk The degree of uncertainly that the product will meet its requirement and be fit its intended use. As we are trainees, the performance risk is there in our project.
- ► Cost Risk The degree of uncertainty that the project budget will be maintained. The cost of our project is already decided by management.

- ► Support Risk The degree of uncertainty that the resulting software will be easy to correct, adapt and enhance. Client of this project is on different premises.
- ▶ **Project Risk** Threaten the project plan. If project risk becomes real, it is likely that the project will slip and that costs will increase.
- ► **Technical Risk** threaten the quality and timeliness of the s/w to be produced.
- **▶ Business Risk -** Threaten the viability of the s/w to be built. This is live project so there is no project risk.
- ► Known Risk Are those that can be uncovered after careful evaluation of the project plan.
- ► **Dictable Risk** Are extrapolated from past project experience. As we are trainees, there is no such experience.

4.3 Estimation :-

➤ Effort Estimation: - Development of such application requires programming skills and sound knowledge in the ASP.NET with various others functionalities and tools used with it. This includes file writing, generating reports, database handling, data manipulation, and other

big small tasks. The estimated timing to develop such a system would be approximately 3 to 4 months.

4.4 Cost Analysis:-

(1)Direct Cost:-

➤ In Direct cost, the cost of the software's and toll are included. In our Project we use Microsoft Visual studio which include Inbuilt SQL EXPRESS.

(2)Indirect Cost:-

- ➤ In indirect cost, cost of manpower is included in requirement analysis, project development and training of the project given to the user.
- ➤ For requirement analysis I spend 10days of time in starting of the project.

Chapter-5 System Requirement

5.1 User Characteristics

The variety and types of computing resources available puts a burden on the analyst who must select or recommend a source of hardware and software. We must have a systematic way of evaluating and selecting from among the many makes and size of computer equipment, paying attention to both the equipment and the methods of acquiring it.

5.2 Hardware & Software Requirement

> <u>Hardware</u>

The starting point in an equipment decision process is the size and capacity requirements. One particular computer system may be appropriate for one workload and inappropriate for another. Systems capacity is frequently the determining factor.

Features considered were:-

- Internal memory size
- · Speed of the system processing
- Characteristics of display
- Types and numbers of auxiliary storages units that can be attached
- System support and utility software provided.

Software needs the minimum configuration for specific use.

> Software

For determination of the system software to be used for preparation of the system, the following considerations have been investigated:

- The transactions and data to be handled
- The reports, documents and other outputs to be produced.
- The files and database to be prepared
- The transaction and master file needed to maintain the system,
- The volume of transactions to be processed

The flexibility of a software system should include the ability to meet changing requirements and varying user needs.

Taking into view the above, the following hardware and software are suggested for the preparation and implementation of the project.

> Hardware Requirements

- Pentium IV 2.0 GHz or higher processor.
- 1 GB or higher capacity RAM.
- 60 GB or higher capacity Hard Disk
- Color monitor

Software Requirements

- Operating system: Windows 10
- xampp/wampp

Chapter 6 SYSTEM ANALYSIS

6.1 Study of current system

The project entitled "Turbo Trekkerz" enables a consumer to book travel package facility from anywhere through online.

6.2 Requirement of new system

❖ Functional requirement:-

1. Admin:-

➤ The admin manage the whole data. Admin can insertnew details, modify flight changes and remove acurrent detail Admin has their user name and password they can also Change his/her profile by using password.

2. User service providing:-

- ➤ They are the users of the system. They register themselves with the system.
- registration and they can give us Feedback and can contact us if they have any query.

❖ Non-functional requirement :-

1. Reliable:-

A software is much eco friendly, many place the direction and the processHas been added put up to help a users for travelling in easier and faster way.

2. Security:-

- ➤ Secure to a greater extended though the admin and User enter their id and Password or registration through the some from, still the user can never enter the admin's account.
- Certain important information is only visible and assessed by the admin only.

2. Interface:-

- ➤ The software will be compatible an every windows platform. Operating system like windows xp, vista, windows7, windows8 will support it.
- 1. Platform: Visual Studio Code
- 2. Front end:- PHP
- 3. Back end:- MySql

6.3 Feasibility Study

There are three types of Feasibility Study:

- 1. Operational Feasibility
- 2. Technical Feasibility
- 3. Financial Feasibility

1. Operational Feasibility:-

- Our project is satisfied the requirement of operational feasibility.
- In operational feasibility here are few question for checking the satisfaction of the operational feasibility. In operational feasibility main aim is that the current member can operate the system?
- Our project can be operatable by any person. So, our project feasible at the point of operational feasibility.

2. Technical Feasibility:-

- In technical feasibility the main aim is that the system can work with the current man and equipment.
- Our project can work with current operating system and current configuration so our ptoject is feasible at the view of technical feasibility.

3. Financial Feasibility:-

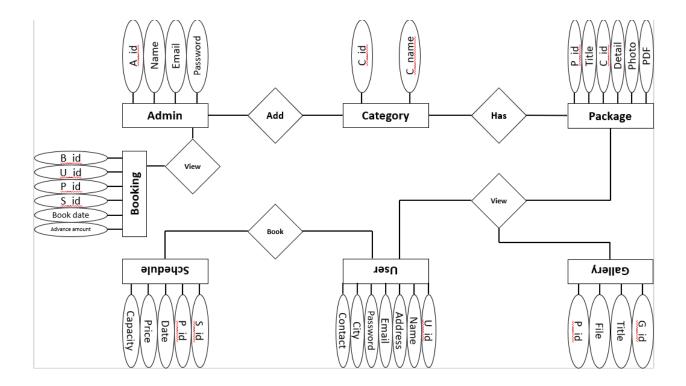
In financial feasibility the main aim of the feasibility study is that the system is feasible at the point of economical. Our project is so costly so our project fulfilled the financial feasibility.

CHAPTER-7 DATA MODELING

DATA FLOW DIAGRAM

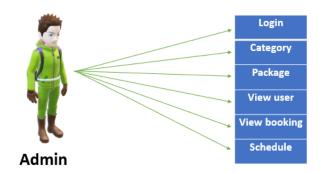
7.1 SYSTEM ARCHITECTURE DESIGN:

E – R Diagram



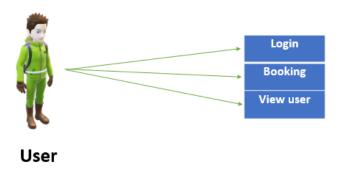
7.1.2 Use case Diagram:

→ User case Diagram (Admin)



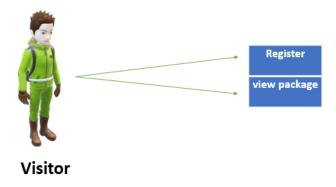
Admin

→ User case Diagram (User)



(User)

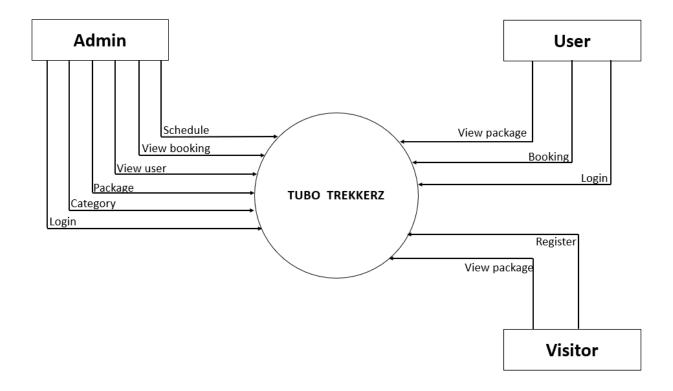
→ User case Diagram (Visitor)



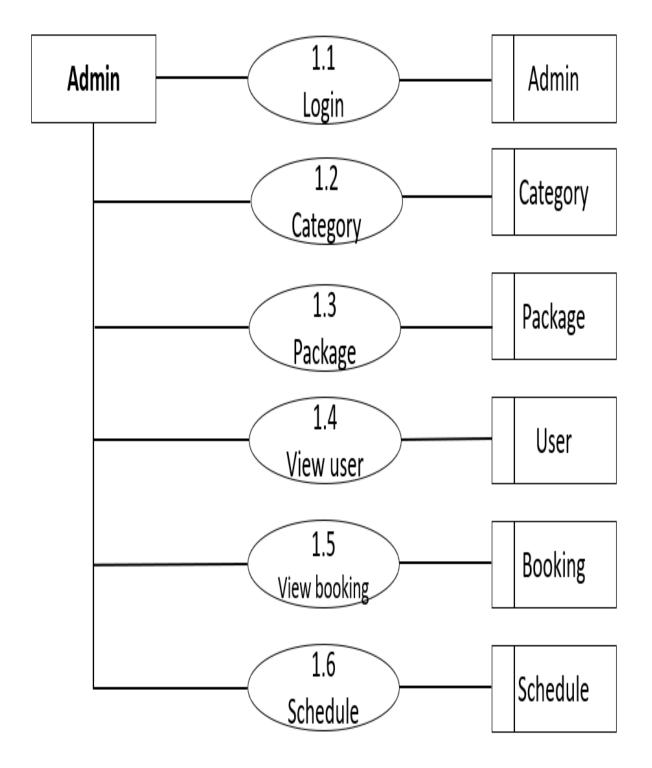
(Visitor)

7.3 Data Flow Diagram:

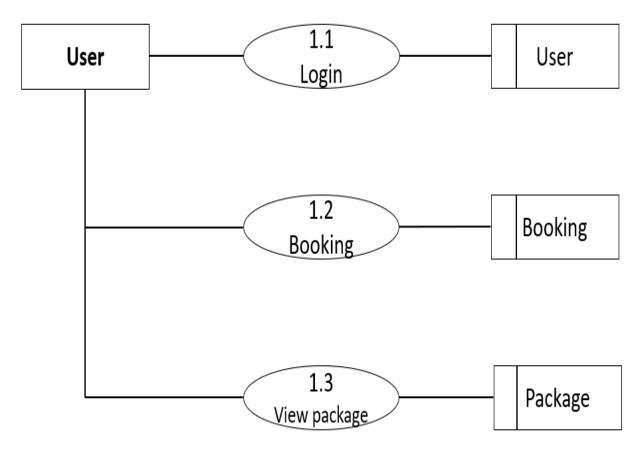
→ Data Flow Diagram (0 Level)



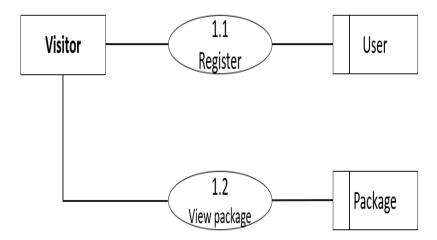
→ Data Flow Diagram (1 Level) (Admin)



→ Data Flow Diagram(1 Level) (User)



Data Flow Diagram (1 Level)(Visitor)



Chapter -8 Data Dictionary

DATA DICTIONARY

8.1) Table: - Admin

Field Name	Data Type	Constraint	Size
a_id	Varchar	Primary Key	15
Name	Varchar	Primary Key	50
Email	Varchar	Primary Key	50
Password	Varchar	Primary Key	50

• This table is for admin details

8.2) Table: - Category

Field Name	Data Type	Constraint	Size
Category_id	Int	Primary Key	5
Category_name	Varchar		50

• This table Store Category name.

8.3) Table: - Package

Field Name	Data Type	Constraint	Size
Package_id	Int	Primary Key	5
title	Varchar		50
Category_id	Int	Reference	5
Price	Int		5
Detail	Medium Text		
Photo	Varchar		50
Pdf	Varchar		10

• This table store package details.

8.4) Table: - Gallery

Field Name	Data Type	Constraint	Size
gllery_id	Int	Primary Key	5
Title	Varchar		50
File	Varchar		50
Category_id	Int	Reference	5

• This table store images of the places

8.5) Table:- User

Field Name	Data Type	Constraint	Size
User_id	Int	PrimaryKey	5
Name	Varchar		50
Email	Varchar		50
Password	Varchar		50
Address	Medium Text/Varchar		255
Mobile	Int		10

• This table store User's Details.

8.6) Table :- Schedule

Field Name	Data Type	Constraint	Size
Schedule_id	Int	Primary Key	5
Package_id	Int	Reference	5
Date	Date		
Price	Int		5
Capacity	Int		5

• This table store Schedule detail of trip.

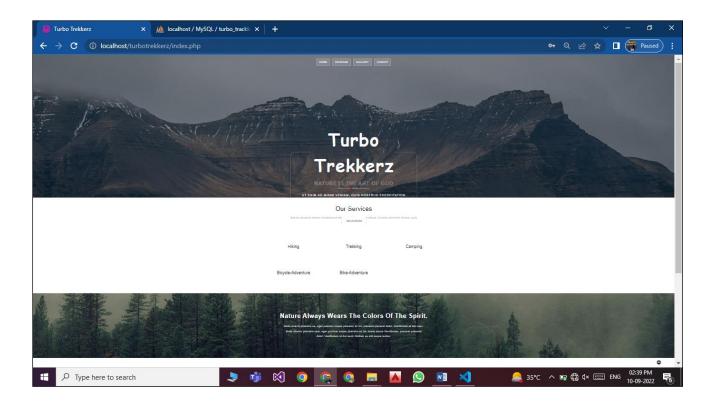
8.7) Table :- Booking

Field Name	Data Type	Constraint	Size
Booking_id	Int	Primary Key	5
User_id	Int	Reference	5
Package_id	Int	Reference	5
Schedule_id	Int	Reference	5
Book Date	Date		
Advance amount	Int		5

• This table stores Booking details.

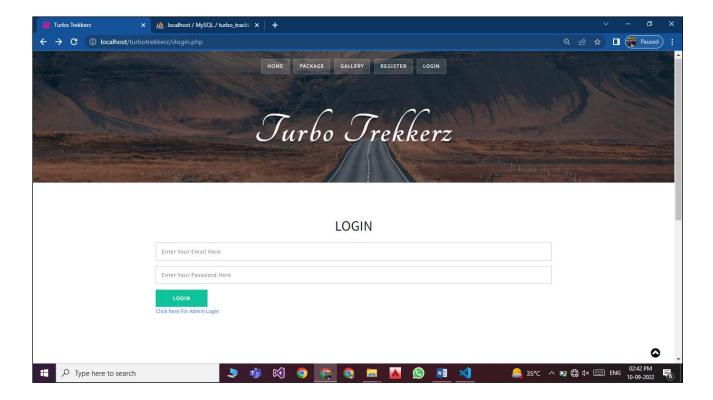
Chapter-9 SCREENSHOT

Home Page:



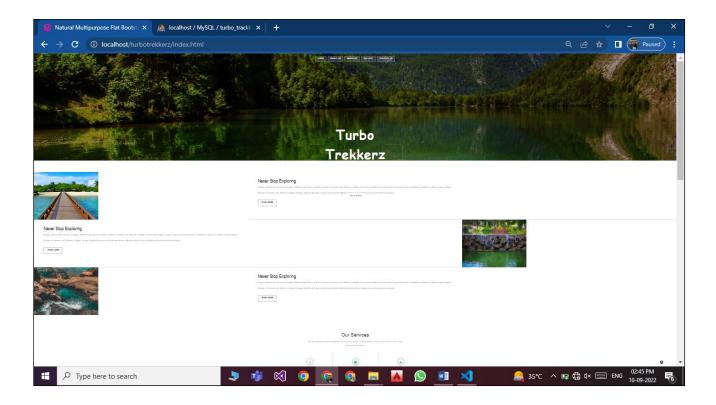
- > This is our home page.
- ➤ In this page client can see our services and many other page links he might be go on other pages from home page.

User Login:



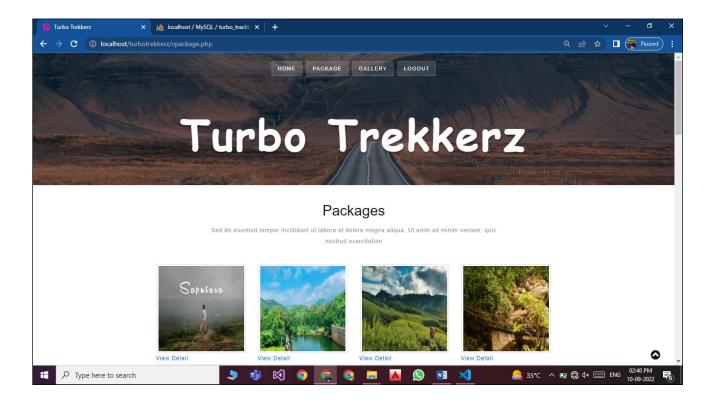
- > This client can login through login page.
- > After login client can access the services we made for he/She.

Service:



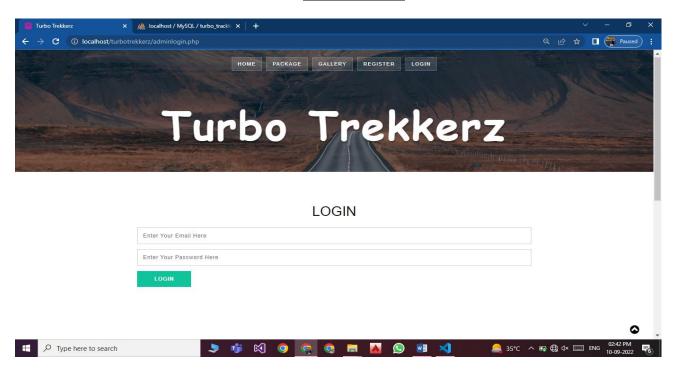
> This is our service page User can visit after login and read more about our service.

Package:



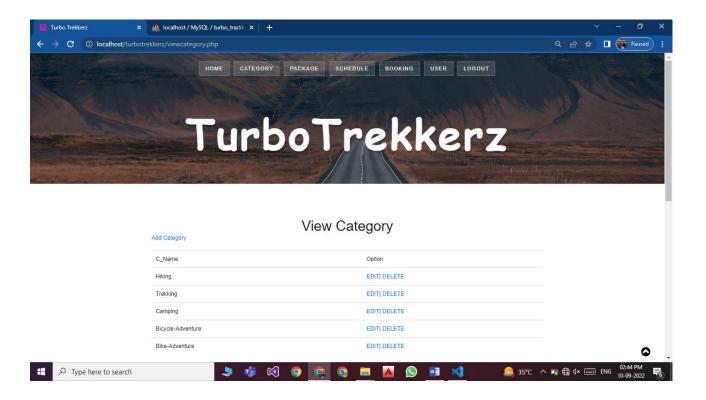
- > This is our package page which can be accessed after a login by client.
- ➤ In this page client can see the package details and also download a documentation of the trip.

Admin Login:



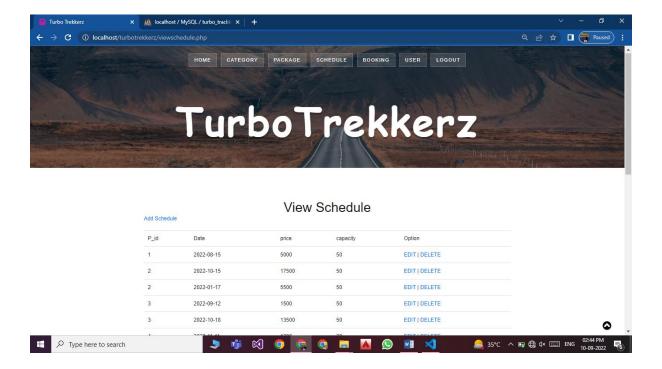
This is admin page for owner of the website can login and make changes.

View Category:



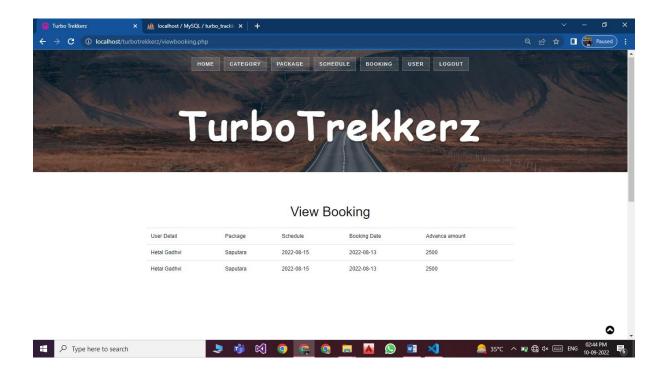
- > This is View Category page for the admins of the website.
- Admin can make changes in this page such as Add category, Edit Category or Delete the category.

View Schedule:



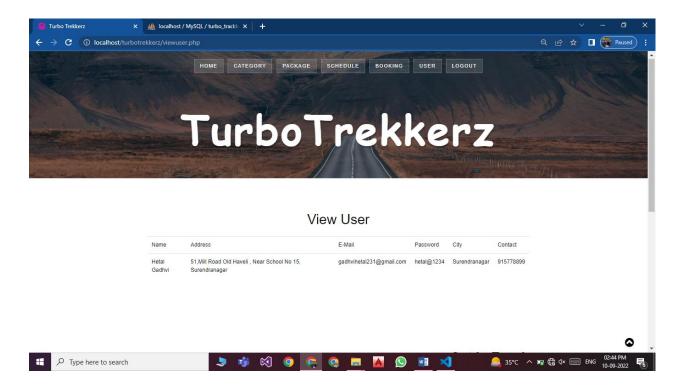
- > This is View Schedule page for the admins.
- Admin can make changes in this page such as Add Schedule, Edit Schedule or Delete the Schedule.

View Booking:



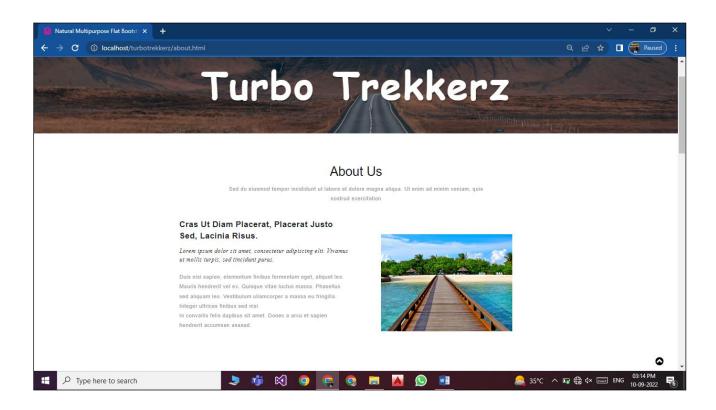
- > This is view booking page where the admins can see the package booked by the client.
- Admin can see all the details related to booking in this page.

View User:



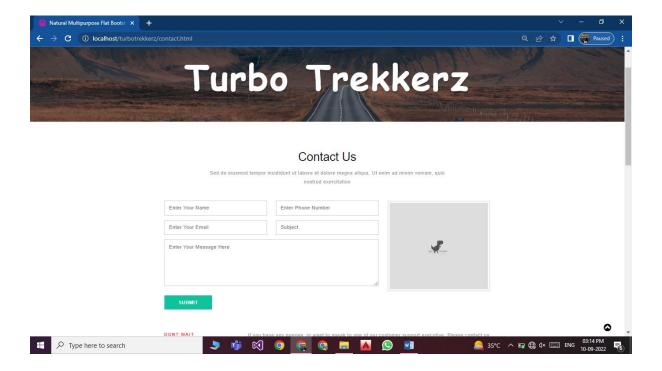
- In View User page admins can see all the details of User.
- > Such as Name of user, His/her Email Address, Phone number etc.

About Us:



> In this page client can know more about the website and about the admins of the site.

Contact Us:



- > This is our contact us page.
- User can contact us through this page if he don't understand what's going on in this website.

Chapter 10 Testing

10.1 What is Testing?

Testing is a form of software testing where the software is not actually used, this is in contrast a dynamic testing.

It is generally not detailed testing but checks mainly for the simplicity for code algoritham or document.

10.2 Method of testing

1. Black box testing:-

Black box testing is testing without the knowledge of internal working of the item being tested.

The tester would only know the legal input and what the excepted output but not how the program actually executed.

It is because of black box testing can be considered testing with repeat to the specification, know other knowledge of the program is necessary.

2. White box testing:-

The purpose of any security testing method is to ensure the robustness of system.

White box testing is performed basad on the knowledge of how the system is implemented.

White box testing requires access to the source code.

It can be performed any time in the life cycle.

It is generally performed during the unit testing.

White box testing include analysing data flow control flow, information flow & error handling within the system

3. Grey box testing:-

Grey box testing is software testing technique that uses the combination of black box testing and white box testing.

Tester can apply limited no of test cases in grey box testing.

The testing approach is known as grey box testing when one does have some knowledge but not the full knowledge of the product.

Grey box testing involves having access to internal data structure and algoritham for the purpose of designing the test case.

The concept of grey box testing is simple if one knows something about how the product is working

10.3 Types of testing

1.unit testing

Unit testing is a procedure used to verify that a particular segment of source code is working properly or not.

The idea about unit is to write test case for all functions or methods.

The bold of unit testing is to be isolated of each part of program and show that individual parts are correct

2integration testing

Integration testing is the phase of software testing in which individual software modules are combine & tested as a group.

It follows unit testing and produce system testing.

The purpose of integration testing is to verify performance & reliability requirements.

3.functional testing

Functional testing is a testing of a software application for it's known functional requirements.

The name of functional testing involves temporary testing process to check stability.

Risk access the areas as applied to your business.

4. system testing

System testing is collected on a integrated system completely.

System testing takes all imports to all of integrated software components.

The software system itself integrated with any applicable hardware system.

In system testing the entire system can be tested as a whole against the software requirement specification.

5. Stress testing:-

Stress testing is the testing to evaluated how system behaves under unfavourable conditions.

Testing is conucted at beyond limits of the specifications.

It falls under the class of blackbox testing.

6. Performance testing:-

When analist are developing a design their consult are more on reports, inputs files and processing sequencies.

During simple unit and system testing relatively small sets of data are used to find.

7. Usability testing:-

The better is work the more efficiently it can be tested.

That program works better then it can be tested more accurately.

8. Acceptance testing:-

Acceptance testing is often done by the customer to ensure that the delievered products, online requirements and works as the person customer excepted

9. Regression testing:-

Regression testing is the testing is the testing after modification of system, component, or a group or related units to ensure that the modification is working corrently.

It falls under the class of black box testing.

10. Beta testing:-

Beta testing is the testing which is done by end users, a system outside development, or publicity releasing full version pro-version of the product which is known as beta version.

The aim of beta testing is to cover unexcepted errors.

It falls under the class of Black box testing.

10.4 Test Cases:

⇒ **Testing**: Software testing is a critical element of software quality assurance and represents the ultimate review or specification, design and code generation.

No	Form Name	Purpose	Required	Expected
			Input	Output
1	Login Page	To authenticate the person and to	Login id, Password	User should get rights to access
		restrict some		the restricted
		functionality to		functionality
		the guest user		
2	Information page	To validate all the fields of the	Some Fields are	ld would be generate and
		personal	mandatory	given to the user when in contact
		information, so that can be given		with each other
		to users		for first time login
3	Valid information	To authenticate	Login Id,	User should be
		the person and to	Password	able to cancel or
		validate and		modify the Order
		compare the id,		according to the
		to restrict this		rights given to
		functionality to		the user
		the unauthorized user		

CHAPTER-11 CONCLUSION AND FUTURE WORK

Conclusion

11.1 Conclusion

The project Turbo Trekkerz is for booking Tours and Travel package onine. It is a browser based Information. This project provides all the information at one place to a customer. So user can book easily with all the information. The customer can use Find Package facility and also get Find a package. Admin has rights for Information, contact us, etc.

At the last I developed the site for easy Online Tour booking and view all the information and some personal things. My main aim is give one interface for user to provide new way to find tour and travel package online.

Limitations and Future Enhancement

11.2 Limitations:-

- Ustomers can not directly registration for their parcel.
- Massage services still not available as it can be important functionality of this system.

11.3 Future Enhancement:-

- Massage service still not available as it can be added in future for circular and other curriculum activities.
- Customer can not directly registration for their parcel so future customer can registration their parcel.

Reference

WEB REFERENCE:-

- <u>www.trekmunk.com</u>
- <u>www.trekupindia.com</u>
- <u>www.rocknrollriders.com</u>

BOOK REFERENCE:-

- Using PHP books.
- PHP and MySql Web Development
- PHP: A Beginner's Guide