Manikandan Manickam

[927623bad057@mkce.ac.in,mm0059745@gmail.com](mailto:927623bad057@mkce.ac.in,mm0059745@gmail.com), +91 9361741677

**Contribution :** webpage designing

**TITLE :** Tour package management system

**PRODUCT NAME :**  MK Travels

**SIMILAR PRODUCTS :**

|  |  |  |
| --- | --- | --- |
| **Product name** | **features** | **url** |
| [GT Holidays](https://www.gtholidays.in/) | Availability of lots packages with customization | https://www.gtholidays.in |

Sites.google.com

Portfolio

Github : https://github.com/ManikandanM-7

Leetcode

TABLES:

Users:

Email id

Password

Name

Phone\_Number

Profile\_picture

Reviews:

Rating

Cost worth

Comments

Packages:

Package\_details

Additional\_packages

Rating

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Report Generation:

Booked\_packages

Favourites

Create Table Users:

CREATE TABLE Users (

Email\_id VARCHAR(255) PRIMARY KEY,

Password VARCHAR(255) NOT NULL,

Name VARCHAR(100) NOT NULL,

Phone\_Number VARCHAR(15),

Profile\_Picture TEXT

);

INSERT INTO Users (Email\_id, Password, Name, Phone\_Number, Profile\_Picture)

VALUES

('john@example.com', 'hashed\_password\_123', 'John Doe', '1234567890', 'john\_profile.jpg'),

('jane@example.com', 'hashed\_password\_456', 'Jane Smith', '0987654321', 'jane\_profile.jpg');

CREATE VIEW UserView AS

SELECT Email\_id, Name, Phone\_Number, Profile\_Picture

FROM Users;

Keywords: Relation,Attribute,Domain,Tuple

Relation – User

Attribute – Email id

Domain - User id

Tuple -

Data Normalization – 1NF,2NF,3NF,4NF,5NF

Users:

1NF - My table is in 1NF because it has a primary key named “Userid”.

2NF - My table is in 2NF because it has a primary key “Userid” ,all other columns are dependent on the primary key.

3NF – Should be in 2NF no transitive partial dependencies.

Example : std\_id,name,job\_id,Job\_name,state\_id,State\_name

Sample:

Std\_id : 927623bad057

Name : Manikandan Manickam

Job\_id : J\_057

Job\_name : Web developer

State\_id : TN47

State\_name : Ayyermalai

1NF :

Std\_id,Name.

2NF:

Std\_role : std\_id,job\_id.

Std\_info : std\_id,std\_name,state\_id,State\_name.

Job\_table : job\_id,job\_name.

3NF:

Std\_info\_table : std\_id,std\_name,state\_id.

Job\_info\_table : job\_id,job\_name.

State\_info\_table : state\_id,state\_name.

Front End : HTML,CSS,ReactJS,TailwindCSS,Flask,Adroid,Flutter.

Back End : XAMPP,MySQL,mongoDB,oracle,JSON,SQLlite,Firebase.

Editor : VScode

FrameWork : Nodejs.

Language : python

EXAMPLE:

Tag(Table Name) – Parent Tag

User id , Name , Email Id.

XML:

<XML>

<USER INFO>

<User Details>

<USER ID>96</USER ID>

<NAME> HEISENBERG </NAME>

<AGE> 52 </AGE>

</User Details>

</USER INFO>

</XML>

DTD:

<!DOCTYPE db[

<!ELEMENT bd(Users\*)>

<!ELEMENT Users (name,age,email)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT age (#PCDATA)>

<!ELEMENT email (#PCDATA)>

]>

DTD with no elements :

External:

<login timeout = 100></login>

<!ELEMENT login EMPTY>

<!ENTITYLIST login CDATA”0”>

JOINS:

INNER JOIN:

SELECT

u.name AS user\_name,

p.package\_name,

r.rating,

r.review\_text,

r.review\_date

FROM

user u

INNER JOIN

reviews r ON u.user\_id = r.user\_id

INNER JOIN

packages p ON r.package\_id = p.package\_id

MODEULE DETAILS:

|  |
| --- |
| MODULE NAME :  User Management |
| SUBMODULE DETAILS :   * Registration: Allows new users to sign up with personal details.   + Login/Logout: Authenticates users and manages sessions.   + Profile Management: Enables users to view and update their profile information. |
| DESCRIPTION :  This module handles all user-related functionalities such as creating new accounts, authenticating existing users, and managing user profiles. It ensures secure access to the system and stores user information in a structured format. |

FORM DETAILS:

|  |  |  |  |
| --- | --- | --- | --- |
| MODULE/SUBMODULE NAME | FORM NAME - TYPE | FORM DESCRPTION | TABLE NAME – TYPE TABLE DESCRIPTION |
| Create event | Event form | I can see the food items list and book for the order | Order table – transaction table |
| Create tour\_package | Tour form | I can see the packages list and book the packages | User table -transaction table |