TABLE DESIGN

Users

Primary key: user_id

Column Name	Data type	Constraints	Description
user_id	Integer	Primary Key	user id
username	String	unique	username for the user
email	String	unique	Email-id of the user
password	String	Not null	Password for login
name	String	Not null	Name of the user
contact_no	Integer	Not null	Contact number of the user
role	String	Not null	To select whether regular user, travel agent etc.

Travel Agency

Primary key: agency_id

Column Name	Data type	Constraints	Description
agency_id	Integer	Primary Key	agency id
name	String	Not null	Name of the travel agency
username	String	Unique	username for the travel agency
password	String	Not null	Password for login
contact	Integer	Not null	Contact number of agent
Email	String	Unique	Email-id of the agent

Column Name	Data type	Constraints	Description
Documents	String	Not null	Supporting documents for proof
Approved	Binary	Not null	Specifies the travel agency is approved by the admin or not.

Travel Package

Primary key: package_id

Foreign key: agency_id

Column Name	Data type	Constraints	Description
package_id	Integer	Primary Key	Package id
agency_id	Integer	Foreign Key	Agency id
title	String	Not null	Title for the package
description	Text	Not null	Gives the complete description of the package
price	Decimal	Not null	Gives the price of the package
image	String	Not null	Contains the sample images of the places being visited.

Groups

Primary key: group_id

Column Name	Data type	Constraints	Description

group_id	Integer	Primary Key	Group id
name	String	Not null	Name of the group
description	Text	Not null	Description about the group which indicate the type of trip etc.
user_id	Integer	Foreign Key	User id of the person who created the group.

Group_Members

Primary key: member_id

Foreign key: group_id, user_id

Column Name	Data type	Constraints	Description
member_id	Integer	Primary Key	Member id
group_id	Integer	Foreign Key	Group id
user_id	Integer	Foreign Key	User id of the users joined in the group

Message

Primary key: message_id

Foreign key: user_id

Column Name	Data type	Constraints	Description
message_id	Integer	Primary Key	Message id

Column Name	Data type	Constraints	Description
user_id	Integer	Foreign Key	User id of the person sending message
text	Text	Not null	Content of the message
send_at	date/time	Not null	Date and time of the message being sent.

Local Guide

Primary key: guide_id

Column Name	Data type	Constraints	Description
guide_id	Integer	Primary Key	Guide id
Location	String	Not null	Location of the guide
price	Decimal	Not null	Price charged for a day guide.

Event

Primary key: event_id

Column Name	Data type	Constraints	Description
event_id	Int	Primary Key	Event id
title	String	Not null	Title of the event
description	Text	Not null	Full details about the event conducted.

start_date	Date	Not null	Date and time when the event is starting
end_date	Date	Not null	Date and time when the event will end.
location	String	Not null	Location of the event.
capacity	Integer	Not null	Capacity of persons to be accommodated in the event.
price	Decimal	Not null	Price charged for the event.
image	String (image)	Not null	Image of the event.