



Tripppy

A Trip Booking Database
Management System



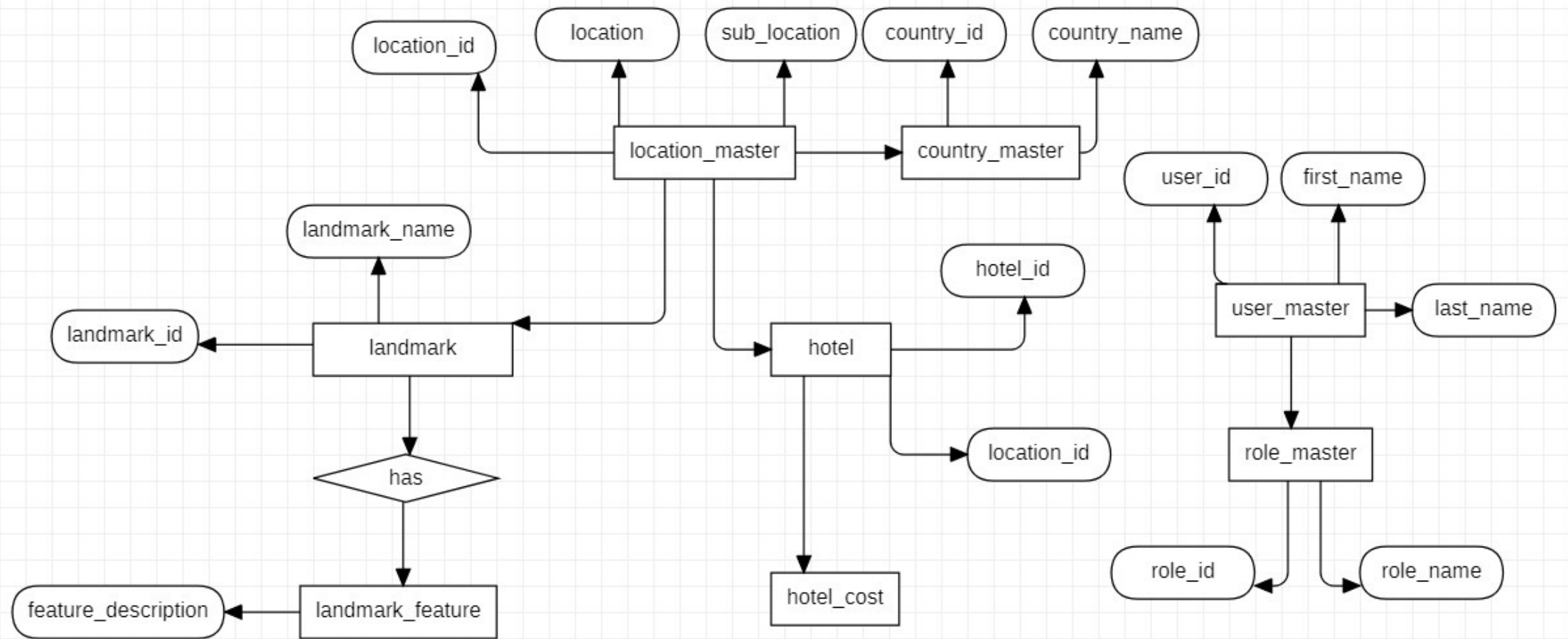
What is Tripppy?

- + Tripppy is a **Trip Booking Application** and as such functions as an **online booking system**
- + An online booking system feeds a huge amount of guest data right into your system: how many guests are travelling, when they come, what amenities they prefer, where they live, and so forth. That's very useful for you to know, and will help you improve both customer service and marketing. Therefore, we have designed said system to do the following and more...

The System Design

- + We represent our system using an entity relationship model diagram to showcase the different entities and relationships between them.
- + We further elaborate on each entity and its respective attributes in the upcoming slides with a detailed database diagram





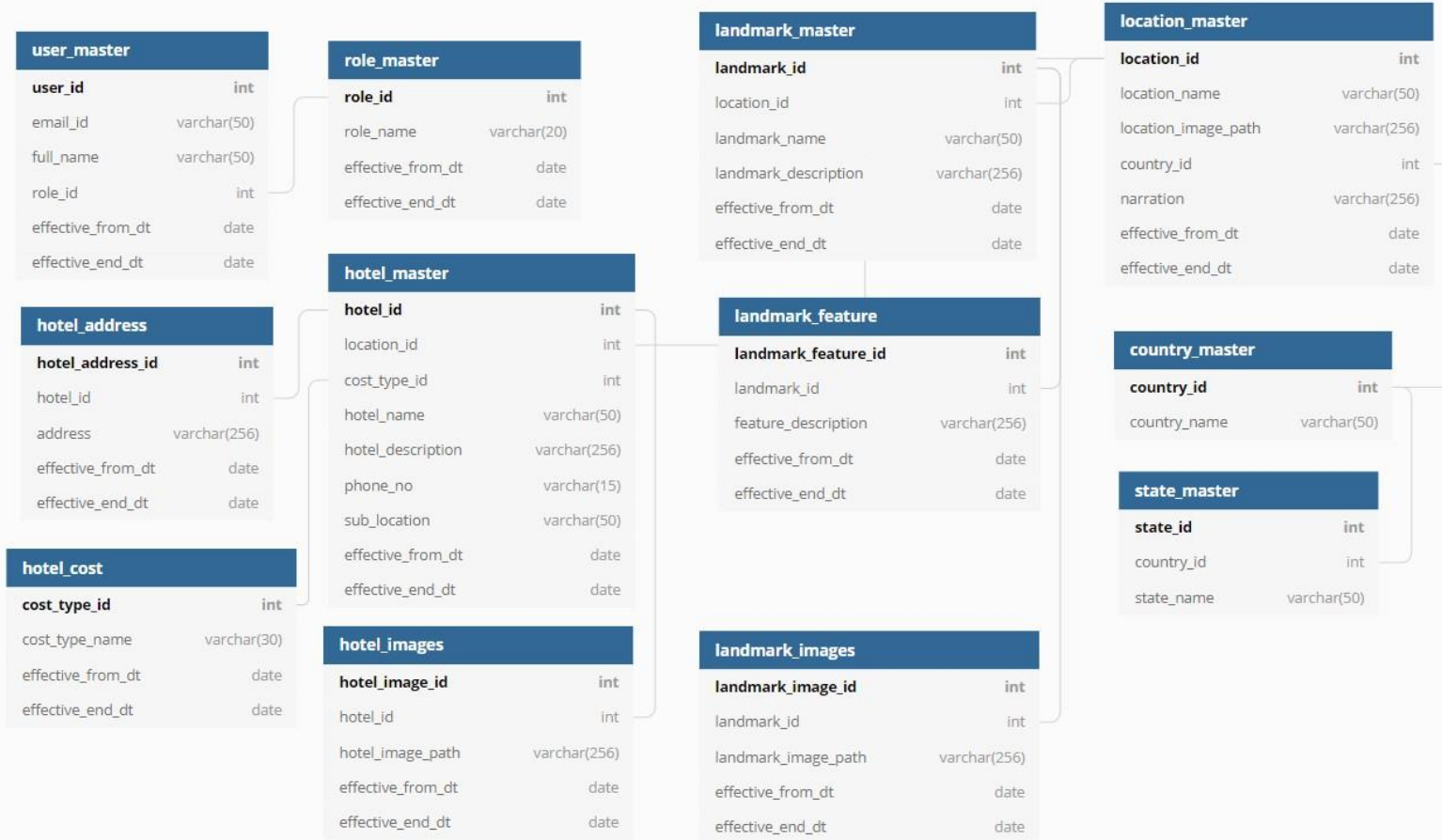
The Database

The background of the slide is a dark, black canvas. It is filled with a dense, chaotic web of thin, glowing lines. On the left side, a large number of red lines radiate outwards, creating a sense of depth and movement. On the right side, a large number of blue lines converge towards a single, bright orange-yellow point, which appears to be a focal point or a source of light. The lines are thin and have a slightly grainy, digital quality. The overall effect is one of dynamic energy and complex data flow.


```

1 Table user_master{
2   user_id int [primary key,increment]
3   email_id varchar(50)
4   full_name varchar(50)
5   role_id int
6   effective_from_dt date
7   effective_end_dt date
8 }
9 Table role_master{
10  role_id int [primary key,increment]
11  role_name varchar(20)
12  effective_from_dt date
13  effective_end_dt date
14 }
15 Table location_master{
16  location_id int [primary key,increment]
17  location_name varchar(50)
18  location_image_path varchar(256)
19  country_id int
20  narration varchar(256)
21  effective_from_dt date
22  effective_end_dt date
23 }
24 Table landmark_master{
25  landmark_id int [primary key,increment]
26  location_id int
27  landmark_name varchar(50)
28  landmark_description varchar(256)
29  effective_from_dt date
30  effective_end_dt date
31 }
32 Table landmark_images{
33  landmark_image_id int [primary key,increment]
34  landmark_id int
35  landmark_image_path varchar(256)
36  effective_from_dt date
37  effective_end_dt date
38 }
39 Table landmark_feature{
40  landmark_feature_id int [primary key,increment]
41  landmark_id int
42  feature_description varchar(256)
43  effective_from_dt date
44  effective_end_dt date
45 }
46 Table hotel_master{
47  hotel_id int [primary key,increment]
48  location_id int
49  cost_type_id int
50  hotel_name varchar(50)
51  hotel_description varchar(256)
52  phone_no varchar(15)
53  sub_location varchar(50)
54  effective_from_dt date
55  effective_end_dt date
56 }
57 Table hotel_cost{
58  cost_type_id int [primary key,increment]
59  cost_type_name varchar(30)
60  effective_from_dt date
61  effective_end_dt date
62 }
63 Table hotel_images{
64  hotel_image_id int [primary key,increment]
65  hotel_id int
66  hotel_image_path varchar(256)
67  effective_from_dt date
68  effective_end_dt date
69 }
70 Table hotel_addresses{

```



Tripppy allows both user and admin privileges based on Log-In Information

User End

- + User can view destinations and respective activities
- + Uses Data manipulation language to retrieve data from the database and display it to the front-end

Admin End

- + Admin has user privileges and can manipulate data
- + Uses Data definition language to grant administration privileges
- + Allows admin to update, alter and delete data from the database

Location Master

Search...

✓	location ID	location Name	Description	Effective From Date	Effective End Date
<input type="checkbox"/>	10	Chandigarh	Chandigarh, the capital of the northern Indian states of Punj	2021-04-22	
<input type="checkbox"/>	13	Coorg	Lies in the hills of karnataka	2121-04-26	
<input type="checkbox"/>	11	Delhi	Delhi, India's capital territory, is a massive metropolitan area	2021-04-22	
<input type="checkbox"/>	1	Goa	Goa is a state in western India with coastlines stretching alor	2121-04-14	
<input type="checkbox"/>	2	Kodaikanal	Kodaikanal is a hill town in the southern Indian state of Tami	2121-04-14	
<input type="checkbox"/>	12	Mumbai	Mumbai (formerly called Bombay) is a densely populated cit	2021-04-22	
<input type="checkbox"/>	4	Udaipur	Udaipur, formerly the capital of the Mewar Kingdom, is a cit	2121-04-14	

 Make Changes To Selected Records

 Show inactive records

Add New Locations

 Make Selected Records Inactive

 Next

The Product Design

- + We have designed a vibrant and colorful UI to complement the theme and use case of the product
- + The interface is clean, minimalistic, and caters to the needs and wants of the user
- + Thereby improves the overall experience of the user!



Website UI



The logo for 'Tripppy' is written in a bright green, sans-serif font. The background of the entire page is a dark, atmospheric illustration of a traditional East Asian landscape at night. It features a white egret perched on a gnarled tree branch on the left, a multi-tiered pavilion with glowing windows in the center-right, and a large, full moon in the background. The scene is reflected in a body of water at the bottom. The overall color palette is dark with accents of green and warm light from the moon and pavilion.

Tripppy

[Places to stay](#)

[Destinations](#)

[Help](#)

[Sign In](#)

so what are
you waiting for ?
let's **explore.**

[Explore Now](#)

Tripppy

Sign In

Enter email...

Password

Submit

Sign Up

Full Name

Enter email...

Password

Submit



Tripppy

Aayush
Dua

**Where are you planning
to go?**

**Or visit one of the most
popular destinations**



Goa



Kodaikanal



Ooty

Goa

Goa is a state in western India with coastlines stretching along the Arabian Sea. Its long history as a Portuguese colony prior to 1961 is evident in its preserved 17th-century churches and the area's tropical spice plantations. Goa is also known for its..

Experiences



Trekking



Camping



Boating



Rope Walk

Hotels

Filter By Price \$\$\$



Taj Hotel

★★★★

Its a very good hotel

#22, La Providence, St Mary's Rd, Kodaikanal, Tamil Nadu 624101

1234567890

\$ 4000.00



Raj Hotel

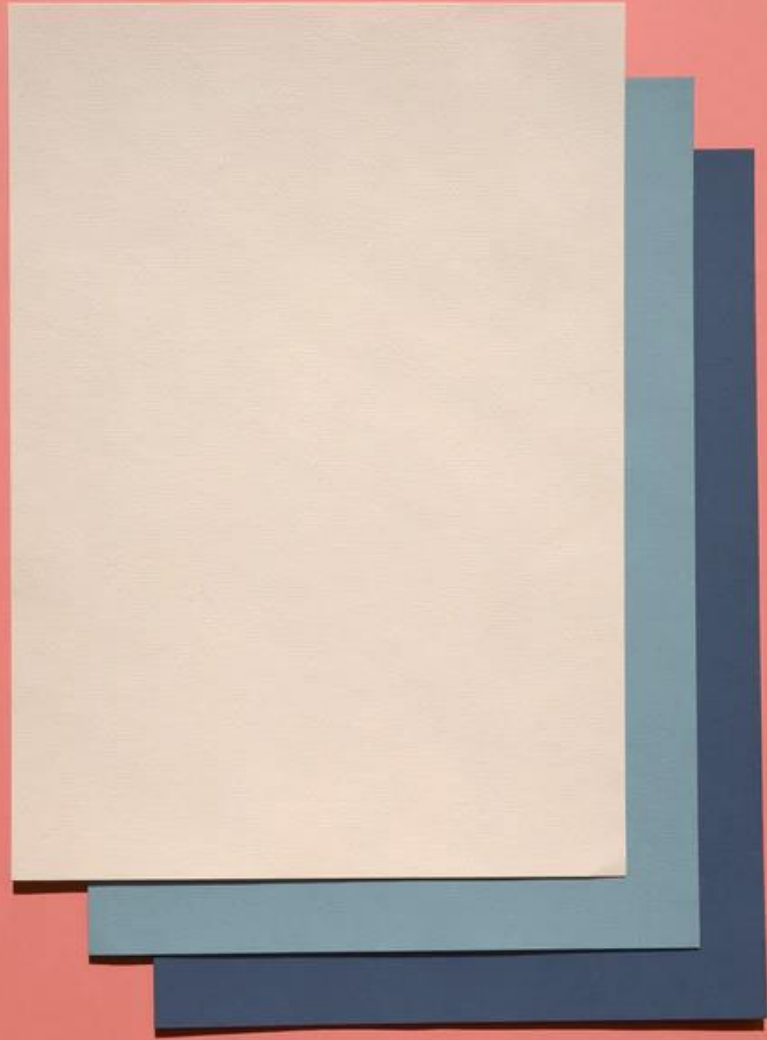
★★★

Also a good hotel

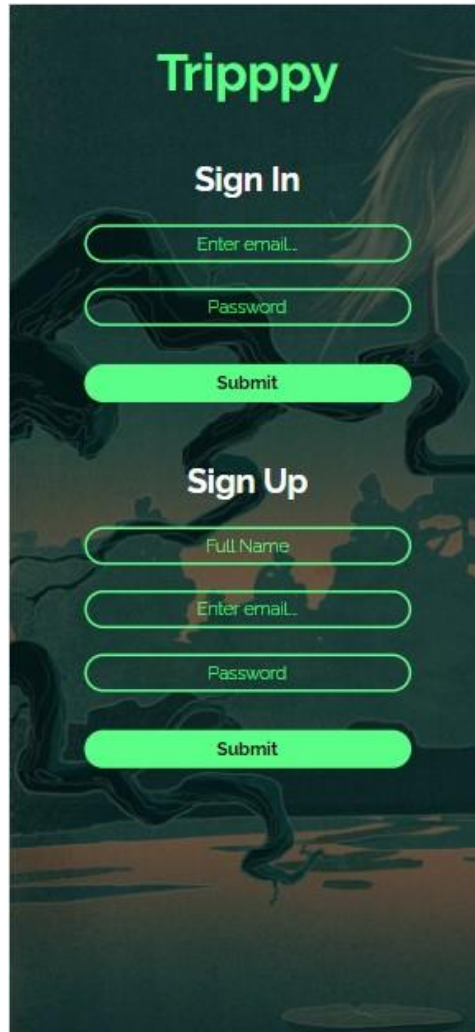
#88, random area, random street, india

9876543210

\$ 3000.00



Mobile UI



Tripppy

Sign In

Enter email...

Password

Submit

Sign Up

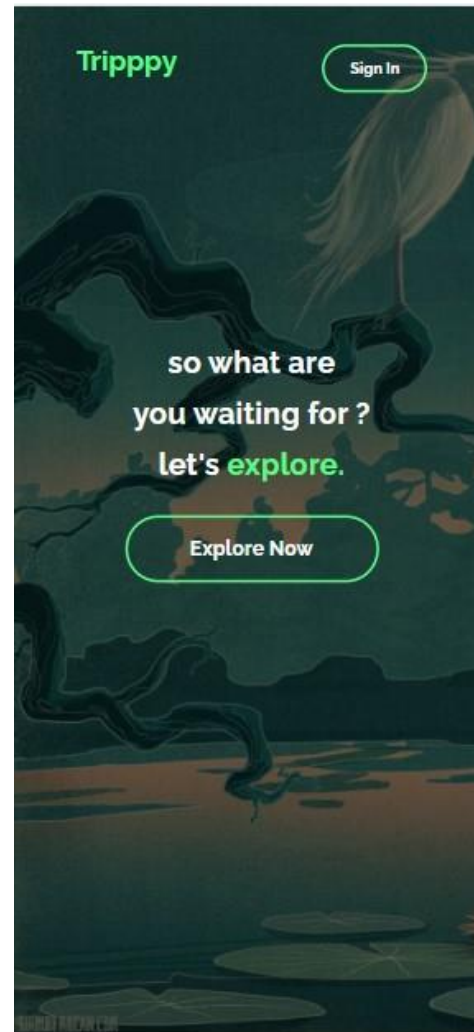
Full Name

Enter email...

Password

Submit

The background features a dark, moody illustration of a person with long, flowing hair standing in a body of water with lily pads. The overall color palette is dark with green and orange accents.

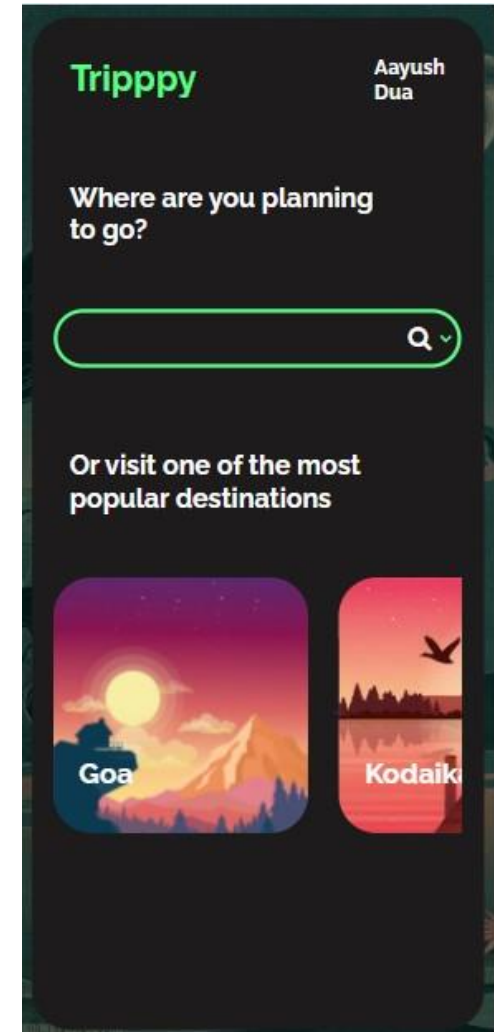


Tripppy [Sign In](#)

so what are
you waiting for ?
let's **explore**.

Explore Now

The background is the same dark, moody illustration as the previous screen, featuring a person with long hair in a body of water with lily pads.



Tripppy Aayush Dua

Where are you planning
to go?

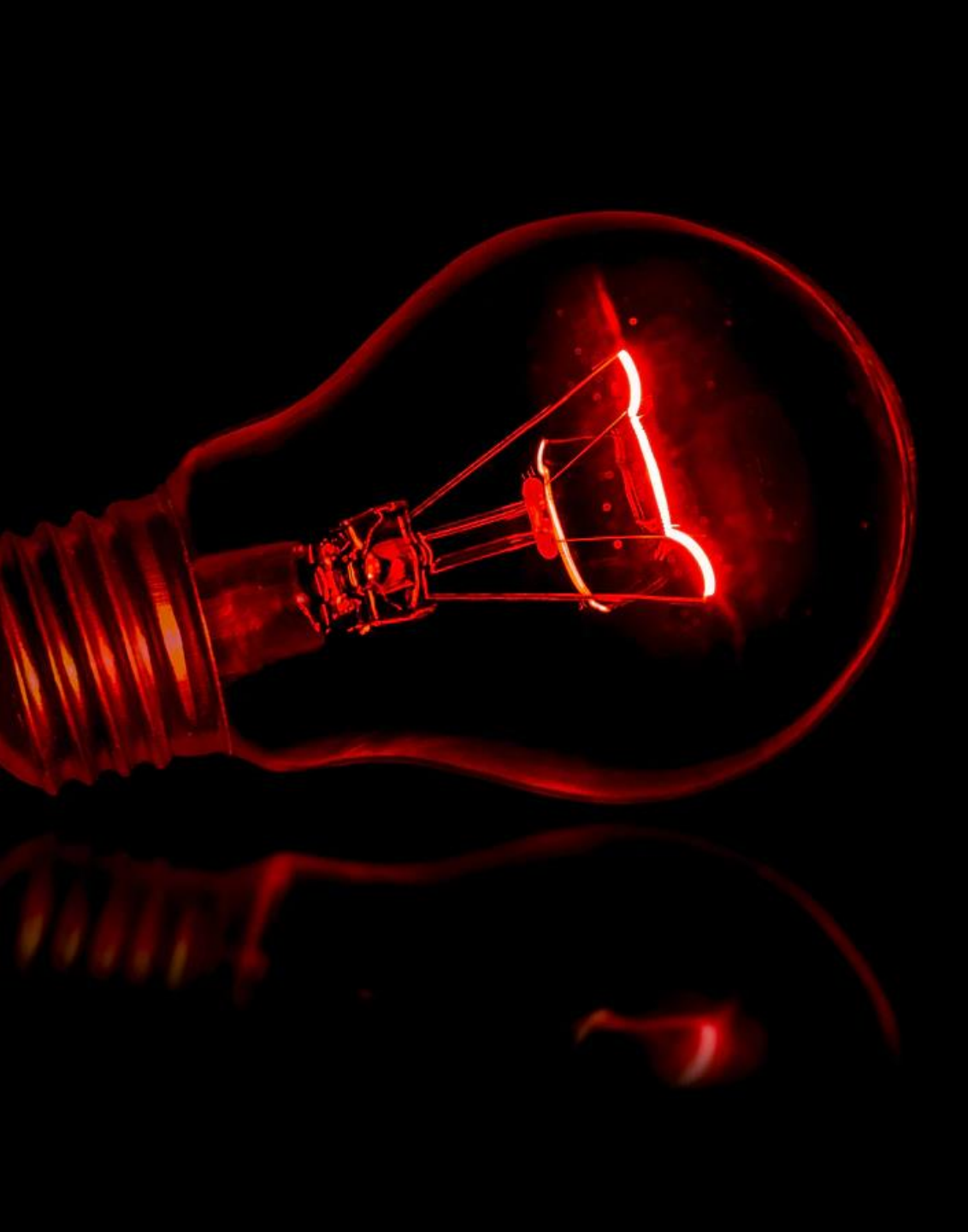
Q v

Or visit one of the most
popular destinations

Goa

Kodaik

The background is the same dark, moody illustration as the previous screens. Below the text, there are two destination cards: one for Goa showing a sunset over mountains and one for Kodaik showing a sunset over a lake with a bird in flight.



Tech Stack

- + **Adobe XD** was used to design the UI/UX of the product with an early prototype to give form to the idea.
- + **HTML / CSS / Javascript** were used to create the Front-end of the application
- + **PHP** was used to handle the Back-end of the application
- + **SQL** was used to create the database and handle the datasets being fed into the database.
- + An **SQLizer** was also used to convert data in Excel sheets into SQL.

SQL Queries

- + We use **CREATE TABLE** command to create all the tables in our database such as countries, hotels, landmarks etc.
- + **INSERT INTO** command is used to enter respective values into their respective columns of a table
- + We use **ALTER TABLE** command to add primary keys, modify attributes, constraints and introduce foreign keys'
- + **Alter, update, delete, select, insert** are few of the queries used in forming said database.
- + These are few of the many SQL commands used to create and maintain a database.





More to come...

- + We wish to add more utility and purpose to our topic.
- + By complementing our Trip Booking application with interesting and convenient quality of life improvements
- + Such as Trip Planning, Hotel booking and more...



Thank you !

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