

Travel Planner Software DB Structure

Itinerary Table

| SL.NO | Column Name | Description |
|-------|-----------------|----------------|
| 1 | Id(primary key) | Primary key id |
| 2 | itenaryname | Itinerary name |

Cities Table

| SL.NO | Column Name | Description |
|-------|-------------|--------------------------------------|
| 1 | Id | Primary key id |
| 2 | Itenid | Reference key to the itinerary table |
| 3 | Cityname | Name of the city |
| 4 | Travel Date | Date of the travel |
| 5 | Temp | Temperature to be stored |

Weather Data Table

| SL.NO | Column Name | Description |
|-------|------------------------|---|
| 1 | Id | Primary key id |
| 2 | Cityname | Name of the city so that weather can be saved |
| 3 | Dxjson | JSON data that is to be stored |

Configuration

Spring Boot URL to be configured to the React APP: localhost:8080

React App Should run in the following url: localhost:3000

How to use the software

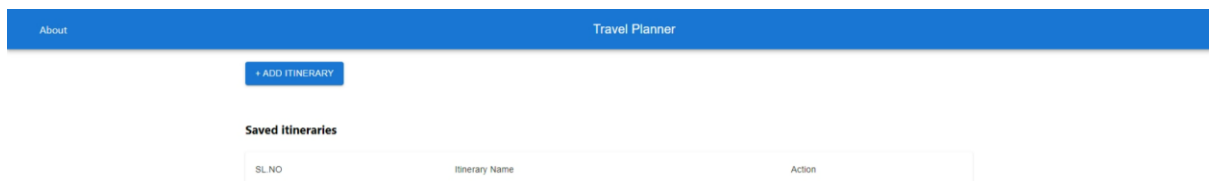


Fig 1

In the screen we can add itinerary to the travel planner

To add new itinerary click add itinerary button in the fig 1

You will be taken to the screen below

The screenshot shows a mobile application interface with a blue header bar containing 'About' and 'Travel Planner'. Below the header, there is a blue button labeled '< BACK TO ITINERARIES'. The main content area is a white box with the title 'Add Travel Itinerary here'. Inside this box, there is a text input field labeled 'Itinerary name' and a blue button labeled 'SAVE ITINERARY' at the bottom.

Fig 2

Enter the itinerary name and click save itinerary

***Please don't press enter on the keyboard as it won't save the data**

Once the itinerary is added the screen will be shown like this

The screenshot shows the 'Saved Itineraries' screen. It has a blue header bar with 'About' and 'Travel Planner'. Below the header is a blue button labeled '+ ADD ITINERARY'. The main content area is a white box titled 'Saved Itineraries'. Inside, there is a table with three columns: 'SL.NO', 'Itinerary Name', and 'Action'. The table contains one row with the value '1' in the 'SL.NO' column, 'Travel 1' in the 'Itinerary Name' column, and a blue button labeled 'ADD CITIES' in the 'Action' column.

| SL.NO | Itinerary Name | Action |
|-------|----------------|------------|
| 1 | Travel 1 | ADD CITIES |

Fig 3

Click on Add Cities to add cities to the itinerary

[About](#)[Travel Planner](#)

Travel 1

[< BACK TO ITINERARIES](#)

Add Cities to Itenary here

City Name

dd/mm/yyyy

[SAVE CITY TO ITINERARY](#)

Saved Cities

| SL NO | City Name | Travel Date | Action |
|-------|-----------|-------------|--------|
|-------|-----------|-------------|--------|

Fig 4

In the screen shown in fig 4 enter the city name and date and click save city to itinerary to save the city

***Please don't press enter on the keyboard as it won't save the data**

[About](#)[Travel Planner](#)

Travel 1

[< BACK TO ITINERARIES](#)

Add Cities to Itenary here

City Name

dd/mm/yyyy

[SAVE CITY TO ITINERARY](#)

Saved Cities

| SL NO | City Name | Travel Date | Action |
|-------|-----------|-------------|------------------------------|
| 1 | Tokyo | 29/11/2021 | VIEW WEATHER |
| 2 | Moscow | 01/12/2021 | VIEW WEATHER |
| 3 | London | 02/12/2021 | VIEW WEATHER |

Fig 5

Once the cities are added click the view weather button on the desired city to see the weather

Weather Data for Tokyo on 29/11/2021

GET WEATHER DATA

Fig 6

You will see a screen like fig 6 when you click view weather button. After that click get weather data once you click the button you will see a screen like below

Weather Data for Tokyo on 29/11/2021

GET WEATHER DATA

| | | | |
|--|--|--|--|
|  Temperature : 9.22°C Feels Like : 8.59°C Min : 9.22°C Max : 9.22°C Humidity : 41% 12:00 AM Condition : Clouds Description : scattered clouds It will be cold outside please take your coat |  Temperature : 11.45°C Feels Like : 9.69°C Min : 11.45°C Max : 11.45°C Humidity : 39% 03:00 AM Condition : Clouds Description : overcast clouds It will be cold outside please take your coat |  Temperature : 14.19°C Feels Like : 12.79°C Min : 14.19°C Max : 14.19°C Humidity : 43% 06:00 AM Condition : Clouds Description : overcast clouds It will not be freezing outside but always take your coat |  Temperature : 13.4°C Feels Like : 11.92°C Min : 13.4°C Max : 13.4°C Humidity : 43% 09:00 AM Condition : Clouds Description : scattered clouds It will not be freezing outside but always take your coat |
|  Temperature : 11.62°C Feels Like : 9.86°C Min : 11.62°C Max : 11.62°C Humidity : 39% 12:00 PM Condition : Clouds Description : scattered clouds It will be cold outside please take your coat |  Temperature : 10.94°C Feels Like : 9.03°C Min : 10.94°C Max : 10.94°C Humidity : 36% 03:00 PM Condition : Clouds Description : scattered clouds It will be cold outside please take your coat |  Temperature : 10.25°C Feels Like : 8.3°C Min : 10.25°C Max : 10.25°C Humidity : 37% 06:00 PM Condition : Clouds Description : broken clouds It will be cold outside please take your coat |  Temperature : 9.43°C Feels Like : 8.68°C Min : 9.43°C Max : 9.43°C Humidity : 39% 09:00 PM Condition : Clouds Description : scattered clouds It will be cold outside please take your coat |

Fig 7