

# Pratours Project



## For The Adventure Lovers

The Pratours Is A Project Made In Node JavaScript Using Express, MongoDB Connection With Mongoose, Mailing Services Made By Nodemailer Using Sendgrid, Stripe For Payment, Mapbox For Map Integration And Many Other Functionalities.

## Project Snapshots

### Pratours Tour Overview

ALL TOURS

LOG OUT
 PRAABINDH

**THE SEA EXPLORER**

**MEDIUM 7-DAY TOUR**  
Exploring the jaw-dropping US east coast by foot and by boat

📍 Miami, USA    📅 June 2021  
▶ 4 stops    👤 15 people

**\$497 per person**  
4.8 rating (6)

DETAILS

**THE FOREST HIKER**

**EASY 5-DAY TOUR**  
Breathtaking hike through the Canadian Banff National Park

📍 Banff, CAN    📅 April 2021  
▶ 3 stops    👤 25 people

**\$397 per person**  
5 rating (9)

DETAILS

**THE SNOW ADVENTURER**

**DIFFICULT 4-DAY TOUR**  
Exciting adventure in the snow with snowboarding and skiing

📍 Aspen, USA    📅 January 2022  
▶ 2 stops    👤 10 people

**\$997 per person**  
4.5 rating (6)

DETAILS

**THE PARK CAMPER**

**MEDIUM 10-DAY TOUR**  
Breathing in Nature in America's most spectacular National Parks

📍 Las Vegas, USA    📅 August 2021  
▶ 4 stops    👤 15 people

**\$1497 per person**  
4.7 rating (7)

DETAILS

**THE STAR GAZER**

**MEDIUM 9-DAY TOUR**  
The most remote and stunningly beautiful places for seeing the night sky

📍 Utah, USA    📅 March 2021  
▶ 3 stops    👤 8 people

**\$2997 per person**  
4.8 rating (6)

DETAILS

**THE NORTHERN LIGHTS**

**EASY 3-DAY TOUR**  
Enjoy the Northern Lights in one of the best places in the world

📍 Yellowknife, CAN    📅 December 2021  
▶ 1 stops    👤 12 people

**\$1497 per person**  
4.7 rating (7)

DETAILS

1 / 25



### THE WINE TASTER

**EASY 5-DAY TOUR**

Exquisite wines, scenic views, exclusive barrel tastings, and much more.

 California, USA     February 2021  
 3 stops     8 people

\$1997 per person    

4.4 rating (7)



### THE CITY WANDERER

**EASY 9-DAY TOUR**

Living the life of Wanderlust in the US' most beautiful cities

 NYC, USA     March 2021  
 3 stops     20 people

\$1197 per person    

4.6 rating (5)



### THE SPORTS LOVER

**DIFFICULT 14-DAY TOUR**

Surfing, skating, parajumping, rock climbing and more, all in one tour

 California, USA     July 2021  
 5 stops     8 people

\$2997 per person    

3.9 rating (7)

[About Us](#) [Download Apps](#) [Become A Guide](#) [Careers](#) [Contact](#)

© Made With ❤ Praabindh Pradeep

## Pratours All Tours

**ALL TOURS**



**LOG OUT**  PRAABINDH

**THE SEA EXPLORER**

**MEDIUM 7-DAY TOUR**  
Exploring the jaw-dropping US east coast by foot and by boat

 Miami, USA  June 2021  
 4 stops  15 people

\$497 per person 

**THE FOREST HIKER**

**EASY 5-DAY TOUR**  
Breathtaking hike through the Canadian Banff National Park

 Banff, CAN  April 2021  
 3 stops  25 people

\$397 per person 

**THE SNOW ADVENTURER**

**DIFFICULT 4-DAY TOUR**  
Exciting adventure in the snow with snowboarding and skiing

 Aspen, USA  January 2022  
 2 stops  10 people

\$997 per person 

**THE WINE TASTER**

**EASY 5-DAY TOUR**  
Exquisite wines, scenic views, exclusive barrel tastings, and much more

 California, USA  February 2021  
 3 stops  8 people

\$1997 per person 

**THE CITY WANDERER**

**EASY 9-DAY TOUR**  
Living the life of Wanderlust in the US' most beautiful cities

 NYC, USA  March 2021  
 3 stops  20 people

\$1197 per person 

**THE SPORTS LOVER**

**DIFFICULT 14-DAY TOUR**  
Surfing, skating, parajumping, rock climbing and more, all in one tour

 California, USA  July 2021  
 5 stops  8 people

\$2997 per person 

 PRATOURS

About Us Download Apps Become A Guide Careers Contact  
© Made With ❤ Praabindh Pradeep

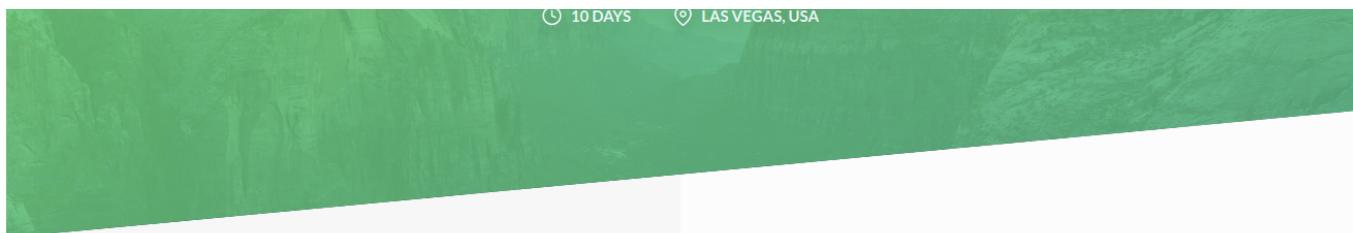
## Pratours Park Camper Tour Page

**ALL TOURS**



**LOG OUT**  PRAABINDH

**THE PARK CAMPER TOUR**



## QUICK FACTS

	NEXT DATE	August 2021
	DIFFICULTY	Medium
	PARTICIPANTS	15 People
	RATING	4.7 / 5

## YOUR TOUR GUIDES

	LEAD GUIDE	Aarav Lynn
	TOUR GUIDE	Ben Hadley
	TOUR GUIDE	Kate Morrison

## ABOUT THE PARK CAMPER TOUR

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum!

The map shows the tour route starting from Las Vegas, moving north through the desert regions of California and Nevada, and ending in the rugged landscapes of Arizona. Key stops are marked with green location pins: Day 1: Zion Canyon National Park, Day 4: Antelope Canyon, and Day 5: Grand Canyon National Park. The map also includes labels for California, Nevada, and Arizona, along with various city names and state boundaries.

mapbox



AYLA CORNELL

Neque amet vel integer placerat ex  
pretium elementum vitae quis



LAURA WILSON

Eleifend suspendisse ultricies platea  
primis ut ornare purus vel taciti



ISABEL KIRKLAND

Conubia semper efficit rhoncus  
suspendisse taciti lectus ex sapient



ALEX

Auctor euismod in  
tristique sequent

The screenshot shows a top navigation bar with five green rectangular boxes, each containing a star rating and some placeholder text. Below this is a large green header section with a blurred background image. In the center is a white rounded rectangle containing a circular logo with a mountain icon, the text 'WHAT ARE YOU WAITING FOR?', a short description, and a 'BOOK TOUR NOW!' button.

*ullamcorper nullam nunc habitant cursus justo!!!*

*faucibus justo nunc*

*dolor molestie fusce class.*

*eleifend mattis lib  
amet placerat*

★★★★★

★★★★★

★★★★★

★★★

**WHAT ARE YOU WAITING FOR?**

10 days. 1 adventure. Infinite memories. Make it yours today!

BOOK TOUR NOW!

 PRATOURS

About Us Download Apps Become A Guide Careers Contact  
© Made With By ❤ Praabindh Pradeep. All Rights Reserved.

## Pratours Sports Lover Tour Page

The page features a dark header with 'ALL TOURS' on the left, a central logo, and 'LOG OUT' on the right. Below the header is a large image of a person surfing. Overlaid on the image is a green box containing the tour title 'THE SPORTS LOVER TOUR' and tour details: '14 DAYS' and 'CALIFORNIA, USA'.

**THE SPORTS LOVER TOUR**

14 DAYS CALIFORNIA, USA

**QUICK FACTS**

-  **NEXT DATE** July 2021
-  **DIFFICULTY** Difficult
-  **PARTICIPANTS** 8 People

**ABOUT THE SPORTS LOVER TOUR**

Nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor

 RATING 3.9 / 5

## YOUR TOUR GUIDES



LEAD GUIDE

Aarav Lynn



TOUR GUIDE

Leo Gillespie

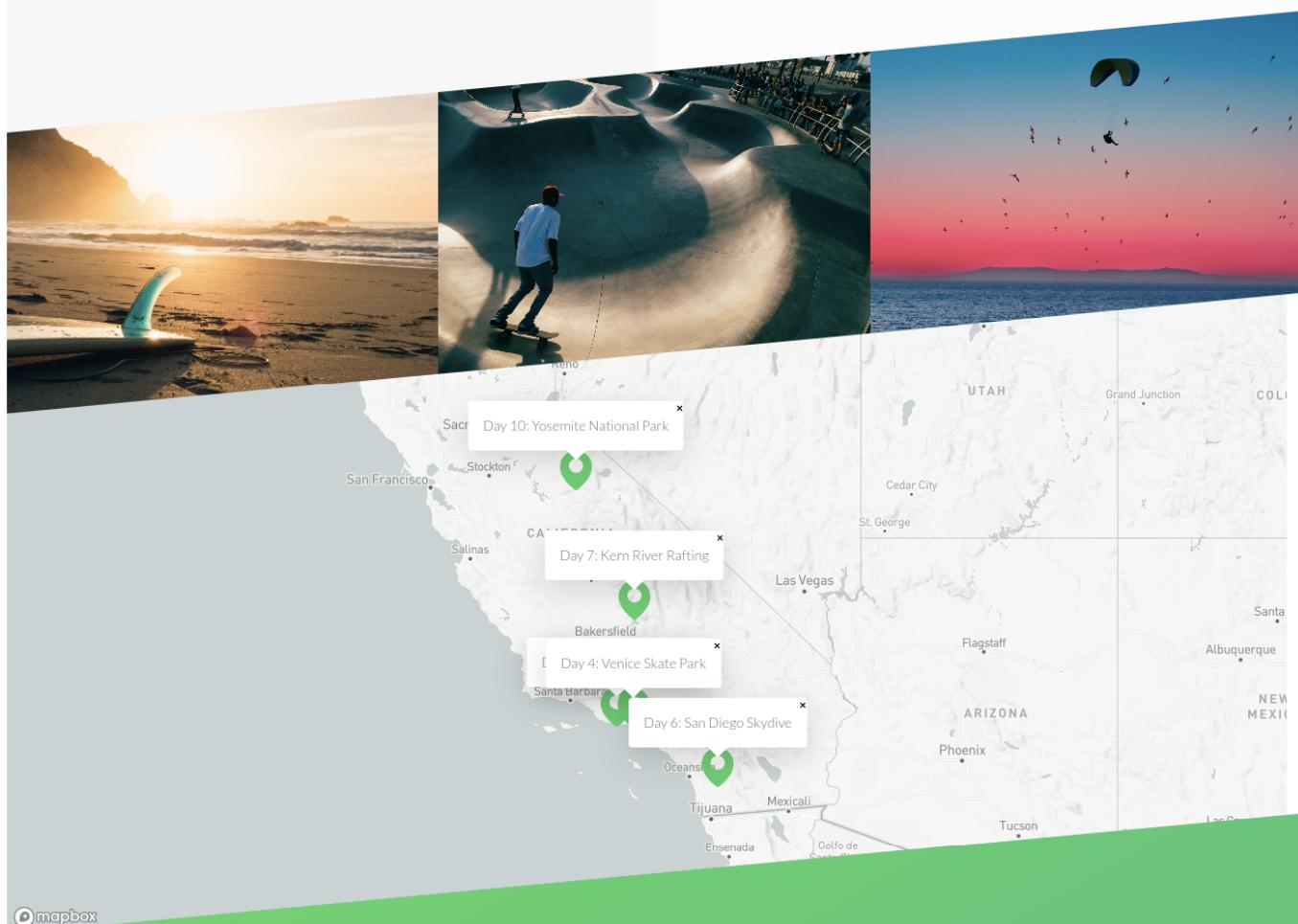


TOUR GUIDE

Jennifer Hardy

incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Volutate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur!



 mapbox



CRISTIAN VEGA

Elementum massa porttitor enim  
vitae eu ligula vivamus amet  
imperdiet urna tristique donec mattis  
mus erat.

★★★★★



LAURA WILSON

Malesuada consequat congue vel  
gravida eros conubia in sapien  
praesent diam!

★★★★★



MAX SMITH

Ridiculus facilisis sem id aenean  
amet penatibus gravida phosellus a  
mus dui lacinia accumsan!!

★★★★★



ISAE

Conubia pharetra  
class congue cural

★★★



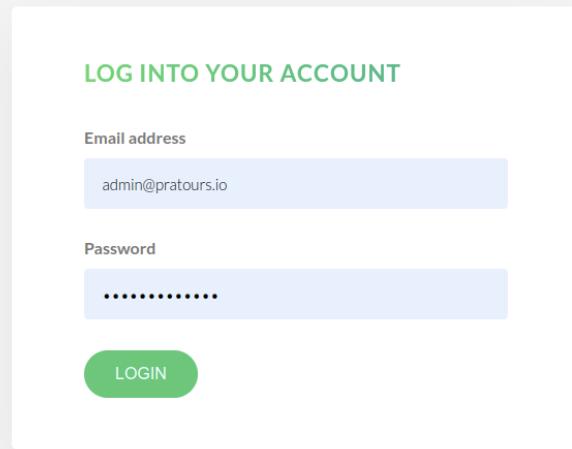
**WHAT ARE YOU WAITING FOR?**

14 days. 1 adventure. Infinite memories. Make it yours today!

[BOOK TOUR NOW!](#)

[About Us](#) [Download Apps](#) [Become A Guide](#) [Careers](#) [Contact](#)  
 © Made With By Praabindh Pradeep. All Rights Reserved.

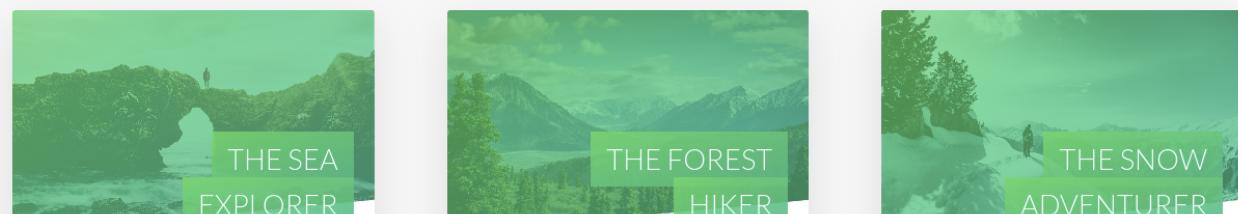
## Pratours Login



[ALL TOURS](#)  [LOG IN](#) [SIGN UP](#)

[About Us](#) [Download Apps](#) [Become A Guide](#) [Careers](#) [Contact](#)  
 © Made With Praabindh Pradeep

## Pratours User Account



[ALL TOURS](#)  [LOG OUT](#)  PRAABINDH

[THE SEA EXPLORER](#) [THE FOREST HIKER](#) [THE SNOW ADVENTURER](#)

**MEDIUM 7-DAY TOUR**

Exploring the jaw-dropping US east coast by foot and by boat

Miami, USA    June 2021  
 4 stops    15 people

\$497 per person   

4.8 rating (6)

**EASY 5-DAY TOUR**

Breathtaking hike through the Canadian Banff National Park

Banff, CAN    April 2021  
 3 stops    25 people

\$397 per person   

5 rating (9)

**DIFFICULT 4-DAY TOUR**

Exciting adventure in the snow with snowboarding and skiing

Aspen, USA    January 2022  
 2 stops    10 people

\$997 per person   

4.5 rating (6)

**THE PARK CAMPER**

**MEDIUM 10-DAY TOUR**

Breathing in Nature in America's most spectacular National Parks

Las Vegas, USA    August 2021  
 4 stops    15 people

\$1497 per person   

4.7 rating (7)

**THE STAR GAZER**

**MEDIUM 9-DAY TOUR**

The most remote and stunningly beautiful places for seeing the night sky

Utah, USA    March 2021  
 3 stops    8 people

\$2997 per person   

4.8 rating (6)

**THE NORTHERN LIGHTS**

**EASY 3-DAY TOUR**

Enjoy the Northern Lights in one of the best places in the world

Yellowknife, CAN    December 2021  
 1 stops    12 people

\$1497 per person   

4.7 rating (7)

**THE WINE TASTER**

**EASY 5-DAY TOUR**

Exquisite wines, scenic views, exclusive barrel tastings, and much more

California, USA    February 2021  
 3 stops    8 people

\$1997 per person   

4.4 rating (7)

**THE CITY WANDERER**

**EASY 9-DAY TOUR**

Living the life of Wanderlust in the US' most beautiful cities

NYC, USA    March 2021  
 3 stops    20 people

\$1197 per person   

4.6 rating (5)

**THE SPORTS LOVER**

**DIFFICULT 14-DAY TOUR**

Surfing, skating, parajumping, rock climbing and more, all in one tour

California, USA    July 2021  
 5 stops    8 people

\$2997 per person   

3.9 rating (7)

ALL TOURS



LOG OUT  PRAABINDH

 SETTINGS

 MY BOOKINGS

 MY REVIEWS

 BILLING

---

ADMIN

 MANAGE TOURS

 MANAGE USERS

 MANAGE REVIEWS

 MANAGE BOOKINGS

## YOUR ACCOUNT SETTINGS

Name

Praabindh Pradeep

Email address

admin@pratours.io

 Choose new photo

**SAVE SETTINGS**

## PASSWORD CHANGE

Current password

\*\*\*\*\*

New password

\*\*\*\*\*

Confirm password

\*\*\*\*\*

**SAVE PASSWORD**

 PRATOURS

About Us Download Apps Become A Guide Careers Contact  
© Made With ❤ Praabindh Pradeep

## Pratours Admin Account

Screenshot of the Pratours account settings page.

The browser title bar shows "Pratours | Your account" and the URL "127.0.0.1:3000/me". The top navigation bar includes "LOG OUT" and a user profile picture labeled "PRAABINDH".

The left sidebar menu (green background) includes:

- SETTINGS
- MY BOOKINGS
- MY REVIEWS
- BILLING
- ADMIN**
- MANAGE TOURS
- MANAGE USERS
- MANAGE REVIEWS

The main content area displays "YOUR ACCOUNT SETTINGS" with fields for Name ("Praabindh Pradeep") and Email address ("admin@pratours.io"). It features a circular profile picture of a person in a red jacket, a "Choose new photo" link, and a "SAVE SETTINGS" button.

Screenshot of the Pratours account settings page.

The browser title bar shows "Pratours | Your account" and the URL "127.0.0.1:3000/me". The top navigation bar includes "LOG OUT" and a user profile picture labeled "PRAABINDH".

The left sidebar menu (green background) includes:

- ADMIN**
- MANAGE TOURS
- MANAGE USERS
- MANAGE REVIEWS
- MANAGE BOOKINGS

The main content area displays "admin@pratours.io" and a circular profile picture of a person in a red jacket, with a "Choose new photo" link and a "SAVE SETTINGS" button.

The page then transitions to a "PASSWORD CHANGE" section with fields for Current password, New password, and Confirm password, each represented by a series of dots.

Current password  
.....

New password  
.....

Confirm password  
.....

**SAVE PASSWORD**

 PRATOURS

About Us Download Apps Become A Guide Careers Contact  
© Made With ❤️ Praabindh Pradeep

## Pratours Tour Description

**QUICK FACTS**

-  **NEXT DATE** August 2021
-  **DIFFICULTY** Medium
-  **PARTICIPANTS** 15 People
-  **RATING** 4.7 / 5

**YOUR TOUR GUIDES**

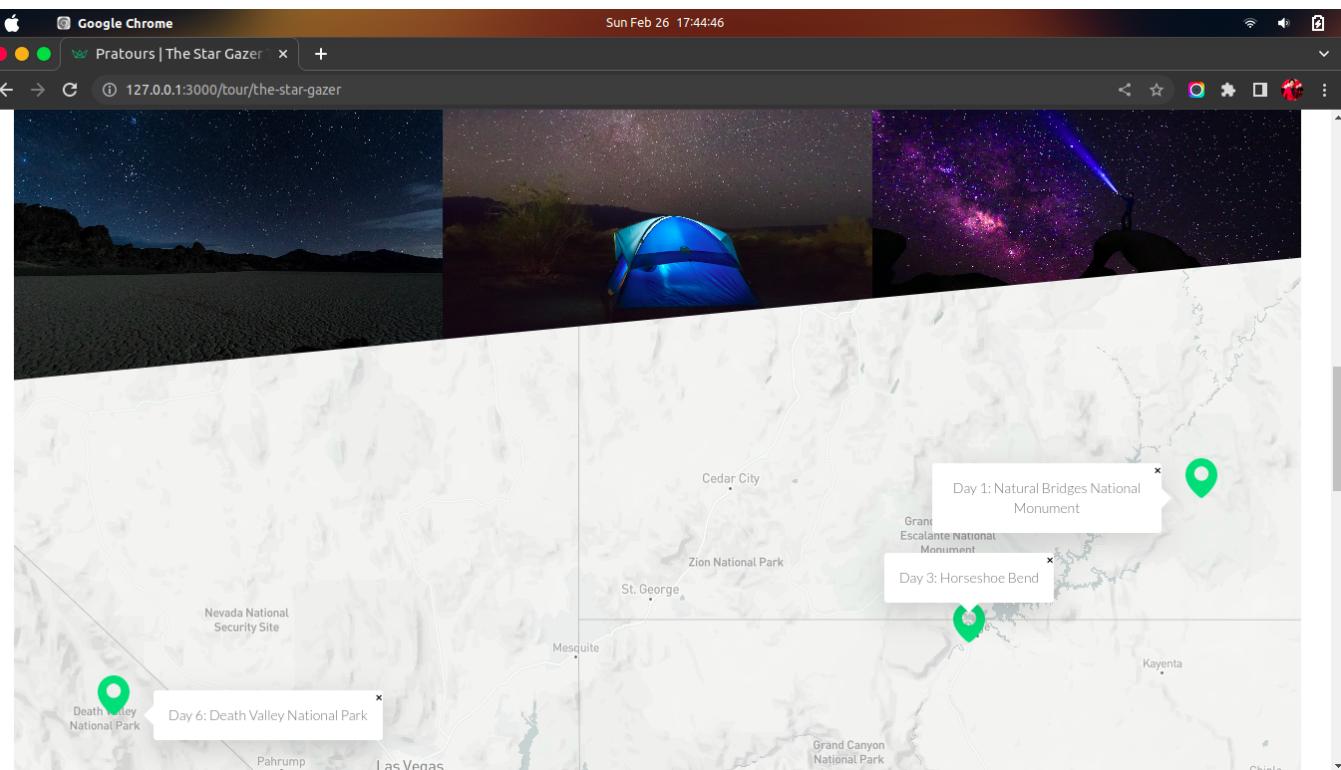
 <b>LEAD GUIDE</b>	Aarav Lynn
 <b>TOUR GUIDE</b>	Ben Hadley
 <b>TOUR GUIDE</b>	Kate Morrison

**ABOUT THE PARK CAMPER TOUR**

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum!

## Pratours Dynamic Maps

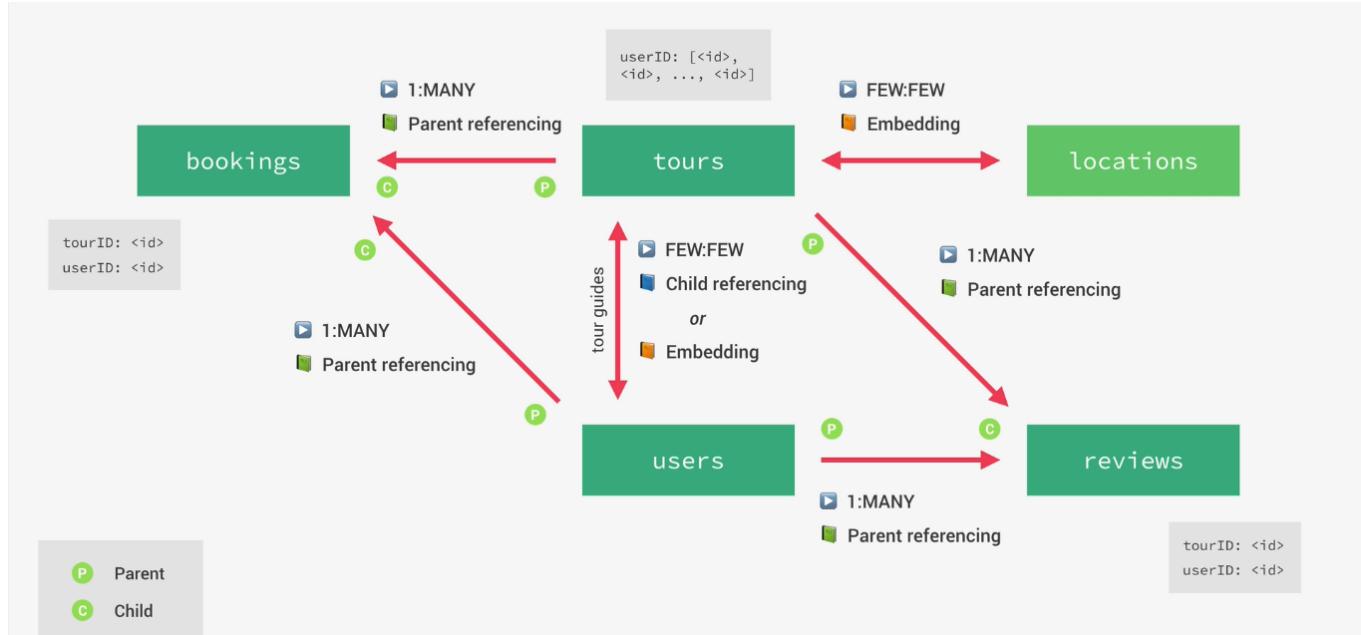


## Pratours Dynamic Reviews

A screenshot of a travel itinerary page featuring dynamic reviews. At the top, there is a map of the southwestern United States with a green location pin for "Day 6: Death Valley National Park". Below the map, four user reviews are displayed in white boxes:

- SOPHIE LOUISE HART** (5 stars) - *Senectus lectus eleifend ex lobortis cras nam cursus accumsan tellus lacus faucibus himenaeos posuere!*
- ELIANA STOUT** (5 stars) - *Felis mauris aenean eu lectus fringilla habitasse nullam eros senectus ante etiam!*
- CRISTIAN VEGA** (5 stars) - *Rutrum viverra turpis nunc ultricies dolor ornare metus habitant ex quis sociosqu nascetur pellentesque quam!*
- (Review text cut off)

## Pratours Data Model



## Pratours MongoDB Compass

Screenshot of MongoDB Compass showing the **natours.users** collection.

**natours.users** (22 DOCUMENTS, 2 INDEXES)

**Documents** (selected) | Aggregations | Schema | Explain Plan | Indexes | Validation

**Filter** Type a query: { field: 'value' } **Find** More Options

**ADD DATA** **EXPORT COLLECTION**

```
_id: ObjectId('5c8a1d5b0190b214360dc057')
name: "Praabindh Pradeep"
email: "admin@pratours.io"
photo: "user-1.jpg"
role: "admin"
password: "$2a$12$gAfrS.fcJY8cKu3U50eUs.ZkEo1Nh2gr0kW00f44B0anmL5.bRZ."
active: true
__v: 0
passwordChangedAt: 2023-02-23T12:01:28.025+00:00
```

```
_id: ObjectId('5c8a1dfa2f8fb814b56fa181')
name: "Lourdes Browning"
email: "loulou@example.com"
photo: "user-2.jpg"
role: "user"
password: "$2a$12$/PPkqDDAZ5z4f5sfYdsf/e/2iIFBjAVyzc39kMLKYnt0AxW.sktcG"
active: true
__v: 0
```

MONGOSH

## Pratours MongoDB Cloud

The screenshot shows the MongoDB Atlas interface. On the left, there's a sidebar with tabs for DEPLOYMENT, Database (selected), SERVICES, Triggers, Data API, Data Federation, Search, SECURITY, Database Access, Network Access, and Advanced. The main area shows a cluster named "ClusterO" in the "PRAABINDH'S ORG - 2023-02-17 > PROJECT 0 > DATABASES" section. The VERSION is 5.0.14 and the REGION is AWS N. Virginia (us-east-1). The Collections tab is active, showing 1 database and 4 collections: bookings, reviews, tours (selected), and users. The "natours.tours" collection has 9 documents. A query result for document 1 is shown, including fields like \_id, name, duration, maxGroupSize, difficulty, ratingsAverage, ratingsQuantity, price, summary, description, imageCover, and images.

## Pratours Code Structure

The screenshot shows the Visual Studio Code interface with the title "server.js - Pratour-NodeJS - Visual Studio Code". The Explorer sidebar shows the project structure under "PRATOUR-NODEJS", including controllers, dev-data, data, img, templates, models (reviewModel.js, tourModel.js, userModel.js), public (css, img, js, overview.html), routes, services, utils, views (eslintrc.json, prettierc, app.js, config.env, package-lock.json), and a node\_modules folder. The code editor has four tabs open: server.js, userModel.js, userController.js, and tourModel.js. The tourModel.js tab is active, showing code for defining a tour schema with properties like type, required, minLength, select, passwordConfirm, validate, and message. Other tabs show parts of the server.js file and userModel.js file.

## Pratours Backend Running Server

The screenshot shows the Visual Studio Code interface with several tabs open:

- server.js**: Contains code for handling uncaught exceptions and setting up a MongoDB connection.
- userController.js**: Handles requests related to users, including filtering objects.
- userModel.js**: Defines a schema for users with fields like password and passwordConfirm.
- tourModel.js**: Defines a schema for tours with a virtual field durationWeeks.

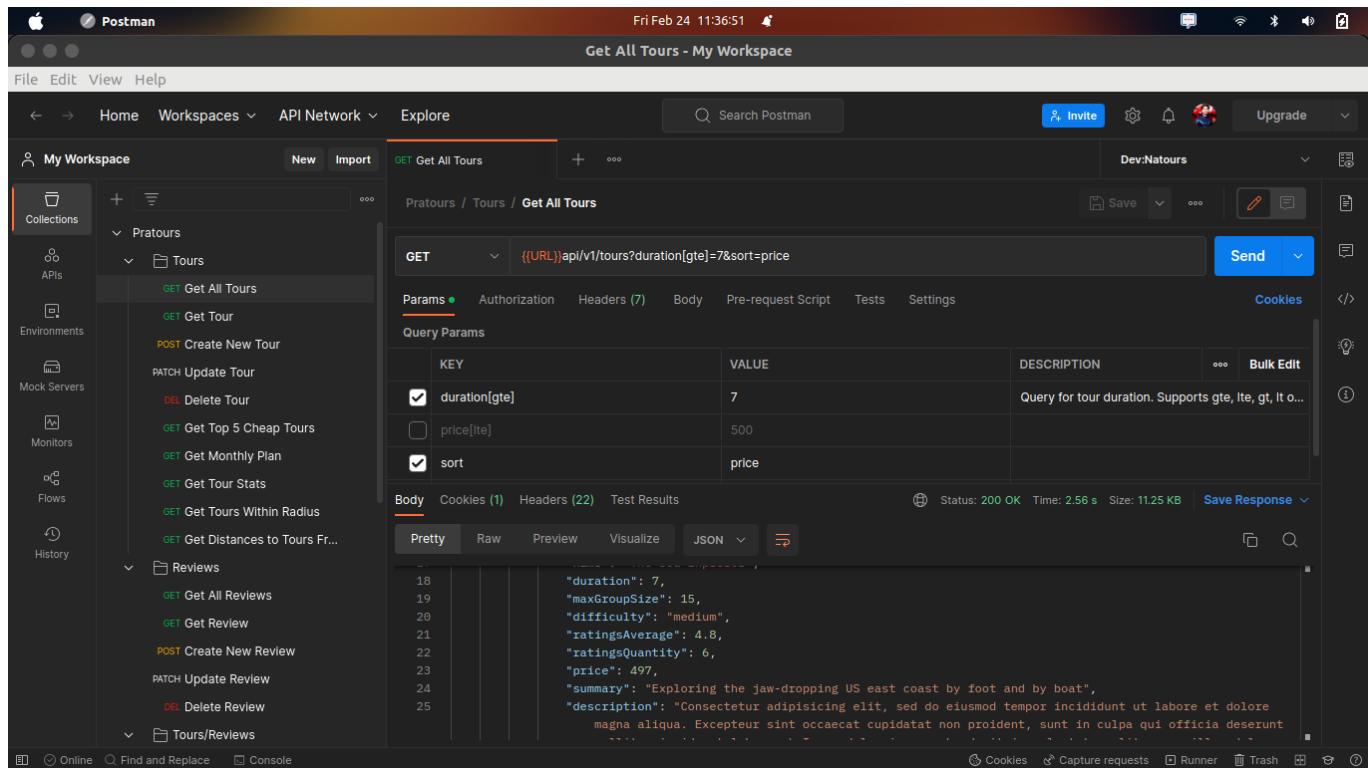
The Explorer sidebar on the left shows the project structure, including controllers, models, routes, and services. The bottom status bar indicates the file is a Babel JavaScript file.

## Pratours Postman Aliasing

The screenshot shows the Postman application interface with the following details:

- Collection**: Pratours
- Request**: GET /tours/top-5-cheap
- Body** tab (selected): Returns a JSON response with status "success", results count 5, and data for a tour including id, name, difficulty, ratingsAverage, price, summary, and guides.
- Headers** tab: Content-Type is set to application/json.
- Status**: 200 OK

## Pratours Postman - Tour Sorting



# API Reference

## Tour API

### API Reference For Tours And Its Operations

#### Get All Tours

```
GET /api/v1/tours
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key

#### Get Tour

```
GET /api/v1/tours/${id}
```

Parameter	Type	Description
id	string	<b>Required.</b> Tour ID

#### Create A Tour

```
POST /api/v1/tours
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
name	string	<b>Required.</b> Tour Name
duration	number	<b>Required.</b> Tour Duration
maxGroupSize	number	<b>Required.</b> Tour Maximum Group Size
difficulty	string	<b>Required.</b> Tour Difficulty
price	number	<b>Required.</b> Tour Price
summary	string	<b>Required.</b> Tour Summary
imageCover	string	<b>Required.</b> Tour Image Cover

## Update A Tour

```
PATCH /api/v1/tours/${id}
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
id	string	<b>Required.</b> Tour ID
imageCover	file	<b>Required.</b> Tour Image Cover
images	file	<b>Required.</b> Tour Grid - 1 Image
images	file	<b>Required.</b> Tour Grid - 2 Image
images	file	<b>Required.</b> Tour Grid - 3 Image
price	number	<b>Required.</b> Tour Price

## Delete A Tour

```
DELETE /api/v1/tours/${id}
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
id	string	<b>Required.</b> Tour ID

## Get Top 5 Cheap Tours

```
GET /api/v1/tours/top-5-cheap
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key

## Get Monthly Plan

```
GET /api/v1/tours/top-5-cheap
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key

## Get Tour Stats

```
GET /api/v1/tours/tour-stats
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key

## Get Tours Within Radius

```
GET /api/v1/tours/tours-within/{distance}/center/${longitude},  
{latitude}/unit/${unit}
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
distance	string	<b>Required.</b> Your Distance
longitude	string	<b>Required.</b> Your Longitude
latitude	string	<b>Required.</b> Your Latitude
unit	string	<b>Required.</b> Your Preferred Unit

## Get Distances to Tours From Point

```
GET
/api/v1/tours/{distance}/center/${longitude},${latitude}/unit/${unit}
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
distance	string	<b>Required.</b> Your Distance
longitude	string	<b>Required.</b> Your Longitude
latitude	string	<b>Required.</b> Your Latitude
unit	string	<b>Required.</b> Your Preferred Unit

## User API

API Reference For Users And Its Operations

### Get All Users

```
GET /api/v1/users
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key

### Get A User

```
GET /api/v1/users/${id}
```

Parameter	Type	Description
id	string	<b>Required.</b> User ID

### Update A User

```
PATCH /api/v1/users/${id}
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
id	string	<b>Required.</b> User ID

Parameter	Type	Description
name	string	<b>Required.</b> User Name
email	string	<b>Required.</b> User Email

## Delete A Tour

```
DELETE /api/v1/users/${id}
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
id	string	<b>Required.</b> User ID

## Get Current User

```
GET /api/v1/users/me
```

Parameter	Type	Description
jwt	token	<b>Required.</b> User ID

## Update Current User

```
PATCH /api/v1/users/updateMe
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
id	string	<b>Required.</b> User ID
name	string	<b>Required.</b> User Name
email	string	<b>Required.</b> User Email
photo	file	<b>Required.</b> User Picture

## Delete Current User

```
GET /api/v1/users/deleteMe
```

Parameter	Type	Description
jwt	token	<b>Required.</b> User ID

## Authentication API

API Reference For User Authentication And User Functionalities

### Update Current User

```
POST /api/v1/users/signup
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
name	string	<b>Required.</b> User Name
email	string	<b>Required.</b> User Email
password	password	<b>Required.</b> User Password
passwordConfirm	password	<b>Required.</b> Confirm Password

### Update Current User

```
POST /api/v1/users/login
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
email	string	<b>Required.</b> User Email
password	password	<b>Required.</b> User Password

### Forgot Password

```
POST /api/v1/users/forgotPassword
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
email	string	<b>Required.</b> User Email

## Reset Password

```
POST /api/v1/users/resetPassword
```

Parameter	Type	Description
password	password	<b>Required.</b> User Password
passwordConfirm	password	<b>Required.</b> Confirm Password

## Update Current User Password

```
PATCH /api/v1/users/updateMyPassword
```

Parameter	Type	Description
passwordCurrent	password	<b>Required.</b> Current Password
password	password	<b>Required.</b> User New Password
passwordConfirm	password	<b>Required.</b> Confirm New Password

## Reviews API

API Reference For Reviews And Its Operations

### Get All Reviews

```
GET /api/v1/reviews
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key

### Get A Review

```
GET /api/v1/reviews/${id}
```

Parameter	Type	Description
id	string	<b>Required.</b> Review ID

### Create A Review

```
POST /api/v1/reviews
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
review	string	<b>Required.</b> Tour Review
rating	number	<b>Required.</b> Tour Rating
tour	id	<b>Required.</b> Tour ID
user	id	<b>Required.</b> User ID

## Update A Review

```
PATCH /api/v1/reviews/${id}
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
id	string	<b>Required.</b> Review ID
rating	number	<b>Required.</b> Rating Changes

## Delete A Review

```
DELETE /api/v1/reviews/${id}
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
id	string	<b>Required.</b> Review ID

## Tours / Reviews API

API Reference For Reviews And Its Operations

### Get All Reviews On A Tour

```
GET /api/v1/tours/${id}/reviews
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
id	string	<b>Required.</b> Tour ID

## Create New Review On Tour

```
POST /api/v1/tours/${id}/reviews
```

Parameter	Type	Description
api_key	string	<b>Required.</b> Your API Key
id	string	<b>Required.</b> Tour ID
rating	number	<b>Required.</b> Rating Changes
review	string	<b>Required.</b> Review Changes

## 3rd Party APIs

- MongoDB : For Database
- Mapbox API : For Mapping Integration
- Stripe API : For Payment Integration
- Sendgrid : For Production Email Integration
- Mailtrap : For Testing Email Integration

## Deployment

### Installation Of The Project

```
sudo apt install nodejs
sudo apt install npm
npm init
npm install
npm start
```

### Scripts For The Project

```
start = "nodemon server.js"
start:prod = "NODE_ENV=production nodemon server.js"
debug = "nbd server.js"
watch:js = "parcel watch ./public/js/index.js --out-dir ./public/js --
out-file bundle.js"
build:js = "parcel watch ./public/js/index.js --out-dir ./public/js --
out-file bundle.js"
```

# Dependencies

## Dependencies For The Project

```
@babel/polyfill : "^7.4.4"  
axios : "^1.3.4"  
bcrypt0js : "^2.4.3"  
cookie-parser : "^1.4.4"  
dotenv : "^7.0.0"  
express : "^4.16.4"  
express-mongo-sanitize : "^1.3.2"  
express-rate-limit : "^3.5.0"  
helmet : "^3.16.0"  
hpp : "^0.2.2"  
jsonwebtoken : "^9.0.0"  
mongoose : "^5.5.2"  
morgan : "^1.9.1"  
nodemailer : "^6.1.1"  
pug : "^3.0.2"  
slugify : "^1.3.4"  
validator : "^13.9.0"  
xss-clean : "^0.1.1"
```

## Dev Dependencies For The Project

```
eslint : "^5.16.0",  
eslint-config-airbnb : "^17.1.0",  
eslint-config-prettier : "^4.1.0",  
eslint-plugin-import : "^2.17.2",  
eslint-plugin-jsx-ally : "^6.2.1",  
eslint-plugin-node : "^8.0.1",  
eslint-plugin-prettier : "^3.0.1",  
eslint-plugin-react : "^7.12.4",  
parcel-bundler : "^1.8.1",  
prettier : "^1.17.0"
```

## Engine Dependency For The Project

```
node: ">=10.0.0"
```

# Authors

- Praabindh Pradeep - [@praabindhp](#)
- Praabindh P - [@praabindh](#)