

# Plan My Trip

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## Users

The user collection will store all users and their profiles. Users will be able to login, update their profile, and post tasks.

```
{
  "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "sessionId": "b3988882-627f-4c59-8d5d-54b7a43b030e",
  "hashedPassword": "$2a$08$XdvNkfdNIL8Fq7l8xsuIUeSbNOFgK0M0iV5H0skfVn7.PWncShU.0",
  "profile": {
    "name": "Namrata Gavhane",
    "email": "namrata@gmail.com",
    "phone-no": "+1 333 222 5555"
  }
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the user
sessionId	string	A globally unique identifier to represent the user's current session
hashedPassword	string	A brypted string that is a hashed version of the user's password
profile	User Profile	The user's profile

## User Profile (subdocument; not stored in a collection)

This subdocument is used to describe the user's profile.

```
{
  "name": "Namrata Gavhane",
  "email": "namrata@gmail.com",
  "phone-no": "+1 333 222 5555"
}
```

Name	Type	Description

name	string	The user's name.
email	string	email-id of the user
phone-no	string	phone number of the user

## Location

The location collection will store all the locations that will be available for bookings. It will store the name and images of that location.

```
{
  "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "name": "Mini Kerala",
  "images": "https://www.planmytrip.com/8517681001_13f2b8748a_b_20170810164922.jpg"
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the location
name	string	The location name
images	string	Images of the location

## Package

The Package collection will store all details about different kinds of packages available.

```
{
  "_id": "5db113b89e52a51bb0632452"
  "name": "Mini-Kerala"
  "price": 1200
  "location_id": "6bc113b49e52a51bb0639988"
  "itineraries": [
    "itinerary_id1",
    "itinerary_id2",
    "itinerary_id3"
  ]
  "image": "https://www.planmytrip.com?id=1572115412493483"
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the package

Name	Type	Description
name	string	The package name
price	double	Price of the package per person
location_id	string	A globally unique identifier to represent the different locations and it is taken from the collection location
itineraries	itineraries array	A globally unique identifier to represent the different itineraries and they taken from the collection itenary
image	string	Pictures of some of the attractions included in the package

## Hotel

The hotel colllection will have all the Hotels available for booking. It will store the names, descriptions, images, an array of type of rooms and ratings of the Hotel.

```
{
  "_id": "8b5547a2-c0d7-4k8c-b20a-6a1h4b5b7810",
  "name": "Hotel Malabar",
  "images": "https://q-planmytrip.bstatic.com/images/22922432.jpg",
  "rooms": ["deluxe", "semi-deluxe", "super-deluxe"],
  "ratings": "5.0"
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the location
name	string	The location name
images	string	Images of the location
rooms	array	Array of type of rooms available
ratings	string	Ratings given to the Hotel

## Attraction

The attraction collection will store all the attractions that are created.

```
{
  "_id": "5a5c4461-cdc9-4144-84f9-fcb278c5c122"
  "name": "Museum",
  "duration": "2",
  "image": "c5d0fd67-7977-4fc5-9088-33d0347c932b"
},
```

Name	Type	Description
_id	string	A globally unique identifier to represent a particular attraction
name	string	The name of the attraction
duration	number	The approxmate time taken to visit a particular attraction
image	string	Images of the attractions

## Itinerary

The Itinerary collection will store the Itinerary details such as day, the list of attractions that will be visited on that day and the hotel where the customers will be staying that day.

```
{
  "_id": "5a5c4461-cdc9-4144-84f9-gcb278c5c125",
  "name": "Day 1",
  "attractions": [ "5a5c4461-cdc9-4144-84f9-gcb278c5c125", "5a5c4461-cdc9-4144-84f9-c",
  "hotel": "c5d0fd67-7977-4fc5-9088-33d0347c932b"
},
```



Name	Type	Description
_id	string	A globally unique identifier represents a Itinerary which will be referred by packages
name	string	The itinerary day name
attractions	array	The list of attraction ids that will be covered as part of the package on a particular day
hotel	string	The hotel identifier representing the hotel the customers will be staying on that particular day

## Payment

The Package Payment will store details about the final payment.

```
{
  "_id": ""6bc113b49e52a51bb0632452"
  "type": "Debit card"
  "name": "Harsha"
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent a particular payment
type	string	It describes the type of card used for the payment like Debit, credit, visa, master e.t.c
name	string	The name on the card

## Booking

The Booking collection will store the booking confirmation details when user makes a booking on the app.

```
{
  "_id": "5a5c4461-cdc9-4144-84f9-gcb278c5c125",
  "user_id": "5a5c4461-cdc9-4144-84f9-usr278c5c125",
  "package_id": "5a5c4461-cdc9-4144-84f9-pkg278c5c125",
  "payment_id": "5a5c4461-cdc9-4144-84f9-pay278c5c125",
  "total_price": 5000,
  "currency": "USD",
  "total_people": 4,
  "booking_date": "Fri Oct 24 2019 22:35:22 GMT-0400",
  "cancel_date": "Fri Oct 25 2019 22:35:22 GMT-0400",
  "status": "booked"
},
```

Name	Type	Description
_id	string	A globally unique identifier represents a booking confirmation
user_id	string	The identifier representing the user who made the booking
package_id	string	The user selected package Id
payment_id	string	The payment id of the payment made by the user
total_price	double	The total amount paid by the user
currency	string	The currency in which the user made the payment
total_people	number	Total number of people for whom the booking was made

Booking_date	Type	Description
cancel_date	date	The date when user canceled the booking
status	string	The status of booking. The values can be booked or canceled