

BookYourTrip API Documentation

Base URL: `http://localhost:5000/api`

1 Authentication Routes

Method	Endpoint	Description
POST	<code>/users/signup</code>	Create a new user or provider account
POST	<code>/users/login</code>	Login user or provider and get JWT token
POST	<code>/users/sendotp</code>	Send OTP to user's email
POST	<code>/users/forgotPassword</code>	Request password reset
POST	<code>/users/resetPassword</code>	Reset password using token

1.1 POST `/users/signup`

Description: Create a new user or provider account.

Request Body:

```
{
  "name": "John Doe",
  "email": "john@example.com",
  "password": "password123",
  "phone": "9459334959",
  "role": "provider",
  "companyName": "irctc",
  "servicesOffered": "train",
}
```

Response (Success):

```
{
  "status": "success",
  "data": {
    "_Id": "12345",
    "name": "John Doe",
    "email": "john@example.com",
    "password": "password123",
    "phone": "9459334959",
    "role": "provider",
    "companyName": "irctc",
    "servicesOffered": "train",
    "token": "jwt-token-here"
  }
}
```

1.2 POST `/users/login`

Description: Login user and receive JWT token.

Request Body:

```
{
  "email": "john@example.com",
  "password": "password123",
  "role": "customer",
}
```

Response (Success):

```
{
  "status": "success",
  "token": "jwt-token-here",
  "user": {
    "_id": "12345",
    "name": "John Doe",
    "email": "john@example.com",
    "password": "password123",
    "phone": "9459334959",
    "role": "customer",
  }
}
```

1.3 POST /users/sendotp

Description: Send OTP to user's email.

Request Body:

```
{
  "email": "john@example.com"
}
```

1.4 POST /users/forgotPassword

Description: Request a password reset token.

Request Body:

```
{
  "email": "john@example.com"
}
```

1.5 POST /users/resetPassword

Description: Reset password using token.

Request Body:

```
{
  "token": "reset-token",
  "newPassword": "newPassword123"
}
```

2 Trips Routes (Mostly for Providers)

Method	Endpoint	Description
POST	/trips/add	Add a new trip (Provider only)

GET	/trips/date/:date	Get trips available on a specific date (User)
GET	/trips/provider/:id	Get all trips created by a provider
GET	/trips/provider/:providerId/by-date/:date	Get provider trips filtered by date
GET	/trips/provider/:tripId/customers/:travelDate	Get all customers booked for a trip on a specific date
GET	/trips/:id	Get trip details by trip ID
PUT	/trips/:id	Update trip details (Provider only)
DELETE	/trips/:id	Delete/cancel trip (Provider only)

2.1 POST /trips/add

Description: Add a new trip (Provider only).

Request Body:

```
{
  "mode": "train",
  "source": "kanpur",
  "destination": "delhi",
  "departureTime": "02:30",
  "arrivalTime": "8:00",
  "basePrice": 30,
  "totalSeats": 30,
  "providerId": "12345",
}
```

Response Example:

```
{
  "status": "success",
  "data": {
    "tripId": "trip123",
    "mode": "train",
    "source": "kanpur",
    "destination": "delhi",
    "departureTime": "02:30",
    "arrivalTime": "8:00",
    "basePrice": 30,
    "totalSeats": 30,
    "providerId": "12345",
  }
}
```

2.2 GET /trips/date/:date

Description: Get trips available on a specific date (User).

Response Example:

```
{
  "status": "success",
  "data": [
    {
      "tripId": "trip123",
      "mode": "train",
      "source": "kanpur",
      "destination": "delhi",
```

```
    "departureTime": "02:30",
    "arrivalTime": "8:00".
    "basePrice": 30,
    "totalSeats": 30,
    "providerId": "12345",
  },
]
}
```

2.3 GET /trips/provider/:id

Description: Get all trips created by a provider.

2.4 GET /trips/provider/:providerId/by-date/:date

Description: Get provider trips filtered by date.

2.5 GET /trips/provider/:tripId/customers/:travelDate

Description: Get all customers booked for a trip on a specific date.

2.6 GET /trips/:id

Description: Get detailed info about a trip.

2.7 PUT /trips/:id

Description: Update trip details (Provider only).

2.8 DELETE /trips/:id

Description: Delete or cancel trip (Provider only).

3 Bookings Routes (For Users)

Method	Endpoint	Description
POST	/bookings/create	Book a trip
POST	/bookings/my	Get all bookings of the logged-in user
POST	/bookings/upcoming	Get upcoming bookings
POST	/bookings/reschedule	Reschedule an existing booking
POST	/bookings/cancelbooking	Cancel an existing booking

3.1 POST /bookings/create

Description: Book a trip.

Request Body:

```
{
  "tripId": "trip123",
  "customerId": "user789",
  "travelDate": "2025-10-20",
  "seatsBooked": 2,
  "passengerDetails": [
    {
```

```
    "name": "kartik",
    "gender": "M",
    "age": 22
  },
  {
    "name": "new",
    "gender": "F",
    "age": 20
  },
],
"method": "upi"
}
```

Response Example:

```
{
  "status": "success",
  "data": {
    "bookingId": "booking456",
    "tripId": "trip123",
    "userId": "user789",
    "travelDate": "2025-10-20",
    "seatsBooked": 2,
    "status": "confirmed",
    "passengerDetails": [
      {
        "name": "kartik",
        "gender": "M",
        "age": 22
      },
      {
        "name": "new",
        "gender": "F",
        "age": 20
      },
    ],
    "method": "upi"
  }
}
```

3.2 POST /bookings/my

Description: Get all bookings of the logged-in user.

3.3 POST /bookings/upcoming

Description: Get upcoming bookings of the user.

3.4 POST /bookings/reschedule

Description: Reschedule an existing booking.

Request Body:

```
{
  "bookingId": "booking456",
  "newDate": "2025-10-25"
}
```

3.5 POST /bookings/cancelbooking

Description: Cancel an existing booking.

Request Body:

```
{  
  "bookingId": "booking456"  
}
```