

REQUEST TYPE	API ENDPOINT	HEADERS	REQUEST BODY	RESPONSE CODE	RESPONSE BODY	COMMENTS
POST	/api/v1.0/flight/user/register	Content-Type: application/json	{ "name":"John", "email":"john@gmail.com", "password":"1234" }	201	{ "id": 1, "name": "John", "email": "john@gmail.com" }	Register new user
POST	/api/v1.0/flight/user/login	Content-Type: application/json	{ "email":"john@gmail.com", "password":"1234" }	200	"8bf1d2as-92as-4b8c-9a7d-123456abcde" (SessionID)	Returns session token
POST	/api/v1.0/flight/search	Content-Type: application/json	{ "fromPlace":"Delhi", "toPlace":"Bombay", "start":"2025-01-20T10:00:00", "end":"2025-01-20T15:00:00" }	200	[{ "id": 7, "airline": "Air India", "fromPlace": "DEL", "toPlace": "BOM", "departureTime": "2025-01-20T10:30:00", "arrivalTime": "2025-01-20T13:00:00", "price": 5000, "availableSeats": 150 }, { "id": 9, "airline": "Indigo", "fromPlace": "DEL", "toPlace": "BOM", "departureTime": "2025-01-20T11:00:00", "arrivalTime": "2025-01-20T13:30:00", "price": 4800, "availableSeats": 120 }]	Search flights
POST	/api/v1.0/flight/search/airline	Content-Type: application/json	{ "fromPlace":"Delhi", "toPlace":"Bombay", "airline":"Indigo" }	200	[{ "id": 102, "airline": "Indigo", "fromPlace": "DEL", "toPlace": "BOM", "departureTime": "2025-01-20T11:00:00", "arrivalTime": "2025-01-20T13:30:00", "price": 4800, "availableSeats": 120 }]	Search by airline
GET	/api/v1.0/flight/allflights	-	-	200	[{ "id": 1, "airline": "Air India", "fromPlace": "DEL", "toPlace": "BOM", "departureTime": "2025-01-20T10:30:00", "arrivalTime": "2025-01-20T13:00:00", "price": 5000, "availableSeats": 150 }, { "id": 2, "airline": "Indigo", "fromPlace": "DEL", "toPlace": "BOM", "departureTime": "2025-01-20T11:00:00", "arrivalTime": "2025-01-20T13:30:00", "price": 4800, "availableSeats": 120 }]	Get all flights
POST	/api/v1.0/flight/booking	Content-Type: application/json	{ "userId":1, "departureFlightId":22, "returnFlightId":33, "tripType":"ROUND_TRIP", "passengers":[{ "name":"John", "age":21, "gender":"Male", "seatNumber":"12A" }] }	201	"PNR12345"	Books a ticket + generates PNR

GET	/api/v1.0/flight/ticket/{pnr}	-	-	200	{ "id": 2, "pnr": "0bc2b864", "user": { "id": 2, "name": "Sreenidhi", "email": "sree@gmail.com", "age": 20, "gender": "female", "password": "Sree@123", "role": "USER" }, "tripType": "ONE_WAY", "seatsBooked": null, "totalPrice": 2900.0, "bookingTime": "2025-11-17T19:24:29.182637", "cancel": false, "passengers": [{ "id": 2, "name": "Sreenidhi", "gender": "FEMALE", "age": 25, "seatNumber": "12A", "mealPreference": null }] }	Get ticket by PNR
GET	/api/v1.0/flight/booking/history/{email}	-	-	200	[{ "pnr": "PNR12345", "tripType": "ROUND_TRIP", "flightNumber": "AI101", "from": "DEL", "to": "BOM", "bookingDate": "2025-11-10T12:00:00", }, { "pnr": "PNR67890", "tripType": "ONE_WAY", "flightNumber": "6E302", "from": "BLR", "to": "HYD", "bookingDate": "2025-10-05T16:00:00", }]	User booking history
DELETE	/api/v1.0/flight/booking/cancel/{pnr}	Content-Type: application/json	{ "email": "john@gmail.com" }	200	"Cancelled Successfully"	Cancel ticket (24-hour rule)
POST	/api/v1.0/flight/airline/admin/login	Content-Type: application/json	{ "email": "priya@gmail.com", "password": "1234" }	200	{ "sessionId": "af98f1a3-19cd-4acb-98fa-e918fe32c7ab", }	Admin login
POST	/api/v1.0/flight/airline/getadmin	Content-Type: application/json	{ "email": "priya@gmail.com" }	200	{ "id": 1, "name": "Rahul Sharma", "age": 28, "gender": "MALE", "email": "rahul@gmail.com", "phone": "9876543210" }	Get admin details

GET	/api/v1.0/flight/airline/inventory/allTickets	-	-	200	[{ "ticketId": 101, "userEmail": "john@gmail.com", "flightId": 501, "airline": "Indigo", "fromPlace": "DEL", "toPlace": "BLR", "journeyDate": "2025-01-20T09:30:00", "price": 4500, "status": "CONFIRMED" }, { "ticketId": 102, "userEmail": "priya@gmail.com", "flightId": 502, "airline": "Air India", "fromPlace": "HYD", "toPlace": "BOM", "journeyDate": "2025-02-15T12:00:00", "price": 5200, "status": "CANCELLED" }]	Admin can see all tickets
POST	/api/v1.0/flight/airline/inventory/add	Content-Type: application/json	{ "flightId": 1, "airline": "Indigo", "fromPlace": "DEL", "toPlace": "BOM", "departureTime": "2025-03-10T08:30:00", "arrivalTime": "2025-03-10T10:45:00", "price": 5600, "totalSeats": 180, "availableSeats": 100, }	201	"Flight added successfully"	Add a new flight
PUT	/api/v1.0/flight/airline/inventory/update/{id}	Content-Type: application/json	{ "price": 5600, "availableSeats": 100 }	200	{ "flightId": 501, "airline": "Indigo", "flightNumber": "6E-452", "fromPlace": "DEL", "toPlace": "BOM", "departureTime": "2025-03-10T08:30:00", "arrivalTime": "2025-03-10T10:45:00", "price": 5600, "totalSeats": 180, "availableSeats": 100, "mealType": "NON_VEG" }	Partially update flight
DELETE	/api/v1.0/flight/airline/inventory/delete/{id}	-	-	200	"Flight deleted successfully"	Delete flight