

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-123456abcdef" (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	<pre>{   "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     }   ] }</pre>	Get ticket by PNR
GET	/api/v1.0/flight/booking/history/{email}	-	-	200	<pre>[   {     "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",   } ]</pre>	User booking history
DELETE	/api/v1.0/flight/booking/cancel/{pnr}	Content-Type: application/json	<pre>{   "email": "john@gmail.com" }</pre>	200	"Cancelled Successfully"	Cancel ticket (24-hour rule)
POST	/api/v1.0/flight/airline/admin/login	Content-Type: application/json	<pre>{   "email": "priya@gmail.com",   "password": "1234" }</pre>	200	<pre>{   "sessionId": "af98f1a3-19cd-4acb-98fa-e918fe32c7ab", }</pre>	Admin login
POST	/api/v1.0/flight/airline/getadmin	Content-Type: application/json	<pre>{   "email": "priya@gmail.com" }</pre>	200	<pre>{   "Id": 1,   "name": "Rahul Sharma",   "age": 28,   "gender": "MALE",   "email": "rahul@gmail.com",   "phone": "9876543210" }</pre>	Get admin details

				[ { "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" } ]	
GET	/api/v1.0/flight/airline/inventory/allTickets	-	-	200	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	Partially update flight
DELETE	/api/v1.0/flight/airline/inventory/delete/{id}	-	-	200	"Flight deleted successfully" Delete flight