



/v3/api-docs

Explore

SimplyFly API 1.0 OAS 3.1

/v3/api-docs

Air Ticket Booking System

Servers

http://localhost:8081

Authorize

User Management Manage users, roles, and profile updates

Flight Management Create, update, and manage flights

Authentication Handles user registration and login

Route Management Manage air routes and route availability

Seat Management Manage seat availability and selection



MySQL Workbench

Local instance MySQL80 (simplyfly); Local instance MySQL80 (sim... x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

employeeodb
hexware
hw
mydb
productdb
project
simplyfly
simplyfly
Tables
bookings
flights
routes
seats
users

Administration

Schemas

Information

Table: you can book your air_tickets here

Columns:
id bigint AI PK
booking_date datetime(6)
seat_count int
status varchar(255)
total_price double
flight_id bigint
user_id bigint

SQL File 1' x

Limit to 1000 rows

156
157
158 • create database simplyflyyy;
159 • use simplyflyyy;
160
161 • drop database simplyflyyy;
162
163 • SELECT * FROM flights;

Result Grid

	id	arrival_time	baggage_cabin	baggage_checkin	departure_time	fare	flight_name	flight_number	total_seats	ow
▶	1	2025-06-28 12:15:00.000000	7kg	20kg	2025-06-28 09:30:00.000000	4999.99	Air India Express	AI2025	180	809
	2	2025-06-28 08:15:00.000000	7kg	15kg	2025-06-28 07:00:00.000000	3499	IndiGo	6E 102	180	809
	3	2025-06-28 08:15:00.000000	7kg	15kg	2025-06-28 07:00:00.000000	3499	IndiGo	6E 102	180	809
*		NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

flights 18 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	21 08:34:37	SELECT * FROM routes LIMIT 0, 1000	2 row(s) returned	0.016 sec / 0.000 sec
✓	22 08:34:42	SELECT * FROM seats LIMIT 0, 1000	540 row(s) returned	0.000 sec / 0.000 sec
✓	23 08:34:46	SELECT * FROM users LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec
✗	24 08:34:51	SELECT * FROM fbookings LIMIT 0, 1000	Error Code: 1146. Table 'simplyfly.fbookings' doesn't exist	0.000 sec
✓	25 08:35:00	SELECT * FROM bookings LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓	26 08:35:14	SELECT * FROM flights LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

2

ENG US 8:35 AM 6/28/2025

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Local instance MySQL80 (simplyfly); Local instance MySQL80 (sim... x

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SQL File 1' x

Limit to 1000 rows

158 • create database simplyflyyy;
159 • Execute the selected portion of the script or everything, if there is no selection
160
161 • drop database simplyflyyy;
162
163 • SELECT * FROM flights;
164 • SELECT * FROM routes;
165 • SELECT * FROM seats;

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	id	is_booked	seat_number	status	booking_id	flight_id
▶	1	0	S1	AVAILABLE	HULL	1
	2	0	S2	AVAILABLE	HULL	1
	3	0	S3	AVAILABLE	HULL	1
	4	0	S4	AVAILABLE	HULL	1
	5	0	S5	AVAILABLE	HULL	1
	6	0	S6	AVAILABLE	HULL	1
	7	0	S7	AVAILABLE	HULL	1
	8	0	S8	AVAILABLE	HULL	1
	9	0	S9	AVAILABLE	HULL	1
	10	0	S10	AVAILABLE	HULL	1
	11	0	S11	AVAILABLE	HULL	1

seats 20 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 23	08:34:46	SELECT * FROM users LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec
✗ 24	08:34:51	SELECT * FROM fbookings LIMIT 0, 1000	Error Code: 1146. Table 'simplyflyy.fbookings' doesn't exist	0.000 sec
✓ 25	08:35:00	SELECT * FROM bookings LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 26	08:35:14	SELECT * FROM flights LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
✓ 27	08:35:21	SELECT * FROM routes LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
✓ 28	08:35:28	SELECT * FROM seats LIMIT 0, 1000	540 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

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Windows Taskbar

8:35 AM 6/28/2025

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SQL File 1' x

cart cart customers order_items orders

Limit to 1000 rows

159 • use simplyfly;

160 Execute the selected portion of the script or everything, if there is no selection

161 • drop database simplyfly;

162

163 • SELECT * FROM flights;

164 • SELECT * FROM routes;

165 • SELECT * FROM seats;

166 • SELECT * FROM users;

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content: A

	id	address	contact_number	email	name	password	role
▶	1	22, RK Nagar , Coimbatore	9001122233	anu123@gmail.com	Ravi Kumar	\$2a\$10\$KQkZEBkZ0FcaLeaGNU5s.219oeyUyt...	USER
	80980	7,mahalingapuram	8098047670	ashwin123@gmail.com	Ashwin	Asensha@18	USER
	80981	12, Anna Nagar , Chennai	9876543210	arunkumar22@example.com	Arun Kumar	\$2a\$10\$j1t1x2NXhgA8qNshkpUugJuTqOck4FOE...	USER
	80982	Updated Address	9876543210	ravi.admin@example.com	Anu Priya	\$2a\$10\$orC8mK/kAy83qB6WeJcoS.UyHPQIqT...	ADMIN
	80983	15, Lakeview Street, Pollachi	9876543210	karthik.r2025@gmail.com	Karthik R	\$2a\$10\$qIP.kokoOr22vFxDNfqDaeGlz.0tUpmM...	USER
	80984	15, Lakeview Street, Pollachi	987654321	karthikr2025@gmail.com	Karthik R	\$2a\$10\$XEP3i6cgpoiOS2fJTSFye3Q1FJShoTzj...	USER
	80985	45, Anna Salai , Coimbatore	9090909090	divya.admin@example.com	Divya S	\$2a\$10\$Zi6Op64klFsxZBg1mUyyOg5P6d6Buo...	ADMIN
*	users	users	users	users	users	users	users

users 21 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✖ 24	08:34:51	SELECT * FROM bookings LIMIT 0, 1000	Error Code: 1146. Table 'simplyfly.bookings' doesn't exist	0.000 sec
✔ 25	08:35:00	SELECT * FROM bookings LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✔ 26	08:35:14	SELECT * FROM flights LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
✔ 27	08:35:21	SELECT * FROM routes LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
✔ 28	08:35:28	SELECT * FROM seats LIMIT 0, 1000	540 row(s) returned	0.000 sec / 0.000 sec
✔ 29	08:35:38	SELECT * FROM users LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

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simplyfly
simplyflyy

Tables

bookings
flights
routes
seats
users

Administration Schemas

Information

Table: you can book your air_tickets here

Columns:

id

booking_date

seat_count

status

total_price

flight_id

user_id

bigint AI PK

datetime(6)

int

varchar(255)

double

bigint

bigint

Object Info Session

SQL File 1* x

Limit to 1000 rows

160

161 • dr Execute the selected portion of the script or everything, if there is no selection

162

163 • SELECT * FROM flights;

164 • SELECT * FROM routes;

165 • SELECT * FROM seats;

166 • SELECT * FROM users;

167 • SELECT * FROM bookings;

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content: IA

	id	booking_date	seat_count	status	total_price	flight_id	user_id
▶	1	2025-06-28 08:26:26.795849	2	BOOKED	6998	2	1
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

bookings22 x

Apply Revert

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 25	08:35:00	SELECT * FROM bookings LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 26	08:35:14	SELECT * FROM flights LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
✓ 27	08:35:21	SELECT * FROM routes LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
✓ 28	08:35:28	SELECT * FROM seats LIMIT 0, 1000	540 row(s) returned	0.000 sec / 0.000 sec
✓ 29	08:35:38	SELECT * FROM users LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec
✓ 30	08:35:46	SELECT * FROM bookings LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Curl

```
curl -X 'GET' \
  'http://localhost:8081/api/users/me' \
  -H 'accept: */*' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJkaXZ5S5hZG1pbk81eGZtcGx1LnNvbSIsInJvbmVzIjoiJGJRE1JT1IsImhhdCI6MTc1MTA3OTYxMSwiZXhwIjoxNzUxMTE1NjExfQ.7I7ExZEsgqMS00bMLGeCxSqXBuRfhzkxeUBTNoUr9Cc'
```

Request URL

http://localhost:8081/api/users/me

Server response

Code	Details
------	---------

200	
-----	--

Response body

```
{
  "id": 80985,
  "name": "Divya S",
  "email": "divya.admin@example.com",
  "contactNumber": "9690909090",
  "address": "45, Anna Salai, Coimbatore",
  "role": "ADMIN"
}
```

 Download

Response headers

```
cache-control: no-cache,no-store,max-age=0,must-revalidate
connection: keep-alive
content-type: application/json
date: Sat, 28 Jun 2025 03:06:09 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
x-content-type-options: nosniff
x-frame-options: DENY
x-xss-protection: 0
```

Responses

Code	Description
------	-------------

200	OK
-----	----

Links

No links

Request URL

http://localhost:8081/api/flights

Server response

Code Details

200

Response body

```
[
  {
    "id": 1,
    "flightNumber": "AI2025",
    "flightName": "Air India Express",
    "origin": "Chennai",
    "destination": "Mumbai",
    "fare": 4999.99,
    "departureTime": "2025-06-28T09:30:00",
    "arrivalTime": "2025-06-28T12:15:00"
  },
  {
    "id": 2,
    "flightNumber": "6E102",
    "flightName": "IndiGo",
    "origin": "string",
    "destination": "string",
    "fare": 3499,
    "departureTime": "2025-06-28T07:00:00",
    "arrivalTime": "2025-06-28T08:15:00"
  },
  {
    "id": 3,
    "flightNumber": "6E102",
    "flightName": "IndiGo",
    "origin": "string",
    "destination": "string",
    "fare": 3499
  }
]
```

Download

Response headers

```
cache-control: no-cache,no-store,max-age=0,must-revalidate
connection: keep-alive
content-type: application/json
date: Sat, 28 Jun 2025 03:06:26 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
```


User Management Manage users, roles, and profile updates

Flight Management Create, update, and manage flights

Authentication Handles user registration and login

POST /api/auth/register

Parameters Try it out Reset

No parameters

Request body required application/json

Example Value Schema

```
{  "name": "Divya S",  "email": "divya.admin@example.com",  "password": "Divya@Admin123",  "contactNumber": "9090909090",  "address": "45, Anna Salai, Coimbatore",  "role": "ADMIN"}
```

Responses

Curl

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8081/api/auth/login' \
  -H 'accept: */*' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhbnUxMjNAZ21hZWwuY29tIiwicm9sZSI6IiVTRVIiLCJpYXQiOiJlbnUxMjNAZ21hZWwuY29tIiwiaWF0Ij0iMTUxMjM0LzQyYjSEodPZFRGi4Sm3kg-yysRgmBV2dj1cfIuIVY' \
  -H 'Content-Type: application/json' \
  -d '{
    "email": "divya.admin@example.com",
    "password": "Divya@Admin123"
  }'
```

Request URL

http://localhost:8081/api/auth/login

Server response

Code Details

200

Response body

```
{
  "token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJkaXZ5S5hZG1pbk8leGftcGx1LmNvbSI6InJvbGUxOjBRE1JTIiIsIm1hdCI6MTc1MTA3OTYxMSwiZXhwIjoxNzUxMTE1NjExfQ.7I7ExZEsgqMS00bMLGeCxSqXBuRfhzkeUBTNoUr9Cc",
  "role": "ADMIN",
  "message": "Login successful"
}
```



Download

Response headers

```
cache-control: no-cache,no-store,max-age=0,must-revalidate
connection: keep-alive
content-type: application/json
date: Sat, 28 Jun 2025 03:00:11 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
x-content-type-options: nosniff
x-frame-options: DENY
x-xss-protection: 0
```

Responses

Request URL

http://localhost:8081/api/routes

Server response

Code Details

200

Response body

```
[
  {
    "origin": "Chennai",
    "destination": "Mumbai",
    "distanceInKm": 1330,
    "duration": "2h 10m"
  },
  {
    "origin": "string",
    "destination": "string",
    "distanceInKm": 1073741824,
    "duration": "string"
  }
]
```

Download

Response headers

```
cache-control: no-cache,no-store,max-age=0,must-revalidate
connection: keep-alive
content-type: application/json
date: Sat, 28 Jun 2025 02:38:25 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
x-content-type-options: nosniff
x-frame-options: DENY
x-xss-protection: 0
```

Responses

Code	Description	Links
200	OK	No links
Media type		

Curl

```
curl -X 'GET' \
  'http://localhost:8081/api/seats/flight/2' \
  -H 'accept: */*' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJkaXZ5YS5hZGlpbk8leGftcGx1LmNvbSIsInJvbGUiOiJBREIjTiIsIm1hdCI6MTc1MTA3OTYxMSwiZXhwIjoxNzUxMTE1NjExfQ.7I7ExZEsgqMS00bMLGeCxSqXBuRfhzkxeUBTNoUr9Cc'
```

Request URL

http://localhost:8081/api/seats/flight/2

Server response

Code Details

200

Response body

```
[
  {
    "id": 183,
    "seatNumber": "S3",
    "booked": false
  },
  {
    "id": 184,
    "seatNumber": "S4",
    "booked": false
  },
  {
    "id": 185,
    "seatNumber": "S5",
    "booked": false
  },
  {
    "id": 186,
    "seatNumber": "S6",
    "booked": false
  },
  {
    "id": 187,
    "seatNumber": "S7",
    "booked": false
  },
  {
    "id": 188,
    "seatNumber": "S8",
    "booked": false
  }
]
```

Download

Response headers

Request URL

http://localhost:8081/api/bookings/all

Server response

Code Details

200

Response body

```
[
  {
    "bookingId": 1,
    "flightNumber": "6E102",
    "flightName": "IndiGo",
    "origin": "string",
    "destination": "string",
    "seatCount": 2,
    "totalPrice": 6998,
    "status": "BOOKED",
    "bookingDate": "2025-06-28T08:26:26.795849"
  }
]
```



Download

Response headers

```
cache-control: no-cache,no-store,max-age=0,must-revalidate
connection: keep-alive
content-type: application/json
date: Sat, 28 Jun 2025 03:07:35 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
x-content-type-options: nosniff
x-frame-options: DENY
x-xss-protection: 0
```

Responses

Code Description

Links

200

OK

No links

Media type

/

Control: Accept header