<u>SpringBoot + DynamoDB + CRUD Rest API + Swagger - Flight Demo Application</u>

Download and started the DynamoDB locally using the below java command

```
D:\Projects\AWS\dynamodb_local_latest>java -jar -Djava.library.path=./DynamoDBLocal_lib -jar DynamoDBLocal.jar -sharedDb
Initializing DynamoDB Local with the following configuration:
Port: 8000
InMemory: false
DbPath: null
SharedDb: true
shouldDelayTransientStatuses: false
CorsParams: *
```

D:\Projects\AWS\dynamodb_local_latest>java -jar -Djava.library.path=./DynamoDBLocal_lib -jar DynamoDBLocal.jar -sharedDb

Initializing DynamoDB Local with the following configuration:

Port: 8000

InMemory: false

DbPath: null

SharedDb: true

shouldDelayTransientStatuses: false

CorsParams: 3

Started Springboot

```
d.s.w.p.DocumentationPluginsBootstrapper : Found 1 custom documentation plugin(s)
s.d.s.w.s.ApiListingReferenceScanner : Scanning for api listing references
s.b.c.e.t.TomcatEmbeddedServletContainer : Tomcat started on port(s): 8090 (http)
c.d.s.flight.FlightApplication : Started FlightApplication in 19.076 seconds (JVM running for 22.8)
```

Access the API's using Swagger



Flight Management Rest APIs

Flight Management Rest APIs

Created by Stanley Contact the developer Free

| flight-controller : Flight Controller | Show/Hide List Operations Expand Operations |
|---------------------------------------|---|
| /flightService/flights | API to Get all the Flights |
| POST /flightService/flights | API to Create Flight Details |
| DELETE /flightService/flights/{id} | API to Delete Flight Details by ID |
| GET /flightService/flights/{id} | API to Get Flight Details by ID |
| PUT /flightService/flights/{id} | API to Update Flight Details |

[BASE URL: / , API VERSION: 1.0.0-SNAPSHOT]

Get All Flights API

```
Try it out! Hide Response
Curl
 curl -X GET --header 'Accept: application/json' 'http://localhost:8090/flightService/flights'
Request URL
 http://localhost:8090/flightService/flights
Request Headers
 {
   "Accept": "*/*"
Response Body
      "id": "964db7a3-8fde-4944-9374-d83a2b221ab4",
      "airlineCode": "EK",
      "flightNo": "0410",
      "origin": "DXB",
      "destination": "SYD",
      "ticketPrice": 3560,
       "active": true
      "id": "6391a573-4a14-438a-b13c-797ea31ad5e1",
       "airlineCode": "AI",
      "flightNo": "0015",
      "origin": "DXB",
       "destination": "MAA",
       "ticketPrice": 550,
       "active": true
```

Create Flight

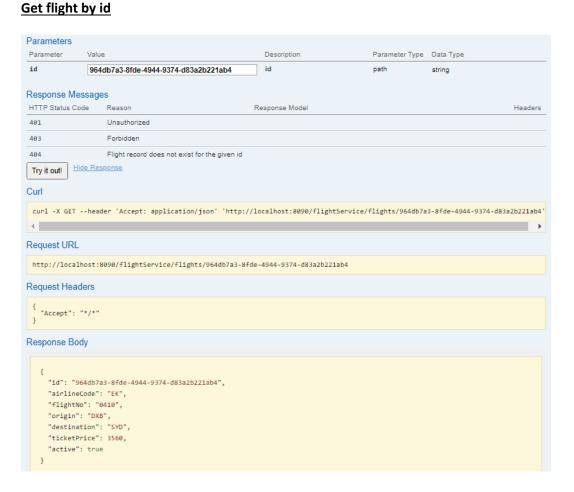
JSON Input

```
{
    "airlineCode": "EK",
    "flightNo": "0049",
    "origin": "DXB",
    "destination": "FRA",
    "ticketPrice": "1900.00",
    "active": "true"
}
```

Developed by Stanley

Delete flight by id

```
Parameters
                                                                                    Parameter Type Data Type
Parameter
                                                          Description
            c1fb15b2-5c6a-4147-b84e-92245037a56c
                                                                                                string
Response Messages
HTTP Status Code Reason
                                                       Response Model
                                                                                                                       Headers
          No Content
                 Unauthorized
401
403
                 Forbidden
                 Flight record does not exist for the given id
404
 Try it out! Hide Response
Curl
 curl -X DELETE --header 'Accept: */*' 'http://localhost:8090/flightService/flights/c1fb15b2-5c6a-4147-b84e-92245037a56c'
Request URL
 http://localhost:8090/flightService/flights/c1fb15b2-5c6a-4147-b84e-92245037a56c
Request Headers
 {    "Accept": "*/*"
Response Body
   no content
```



Update flight by id