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PlaneSpotterAPI

UserRoles

GET Initiate Roles

```
http://localhost:13946/api/role/initiate_roles
```

Initiate basic user roles

Will create Admin and Spotter UserRoles with role code AD and SP

Example Request

Initiate Roles

```
GET /api/role/initiate_roles HTTP/1.1
Host: localhost:13946
```

User

POST Create New Spotter

```
http://localhost:13946/api/user
```

BODY raw

i

{ This documentation is not published yet, this is only a preview. Changes to the publishing settin...
"Name" : "Potter"
}

Example Request

Create New Spotter

```
POST /api/user HTTP/1.1
Host: localhost:13946
Content-Length: 27
```

```
{
  "Name" : "Potter"
}
```

Example Response

201 Created

Body

Header (6)

```
{
  "status": 200,
  "result": {
    "userId": "59f8abea-7030-4fd8-58c3-08d9bb3d52b1 ",
    "name": "Potter"
  }
}
```

GET Get All Users

http://localhost:13946/api/user


Example Request

Get All Users

```
GET /api/user HTTP/1.1
Host: localhost:13946
```

Example Response

200 OK

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```
{  
  "userId": "59f8abea-7030-4fd8-58c3-08d9bb3d52b1 ",  
  "name": "Potter"  
}
```

AircraftTypes

POST Create new aircraft type

http://localhost:13946/api/aircrafttype

create new type with Make and Model

BODY raw

```
{  
  "Make" : "Boeing",  
  "Model" : "777-300ER"  
}
```

Example Request

Create new aircraft type

```
POST /api/aircrafttype HTTP/1.1  
Host: localhost:13946  
Content-Length: 55
```

```
{  
  "Make" : "Boeing",  
  "Model" : "777-300ER"  
}
```

Example Response

201 Created

Body Header (6)

Documentation Settings

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```
{
  "status": 201,
  "result": {
    "aircraftTypeId": "e67602bd-a626-42db-84b6-08d9bb7d218e ",
    "make": "Boeing",
    "model": "777-300ER"
  }
}
```

GET Get All Aircraft Types

http://localhost:13946/api/aircrafttype

Example Request

Get All Aircraft Types

GET /api/aircrafttype HTTP/1.1
Host: localhost:13946

Example Response

200 OK


Body Header (5)

```
[
  {
    "aircraftTypeId": "e67602bd-a626-42db-84b6-08d9bb7d218e ",
    "make": "Boeing",
    "model": "777-300ER"
  },
  {
    "aircraftTypeId": "02527865-d07e-4936-84b7-08d9bb7d218e ",
    "make": "Airbus",
    "model": "A380"
  }
]
```

View More

Aircraft

POST Create new aircraft

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Create new aircraft with registration no and type

BODY raw

```
{
  "RegistrationId" : "G-RNAC",
  "AircraftTypeId" : "e67602bd-a626-42db-84b6-08d9bb7d218e "
}
```

Example Request

Create new aircraft

```
POST /api/aircraft HTTP/1.1
Host: localhost:13946
Content-Length: 101
```

```
{
  "RegistrationId" : "G-RNAC",
  "AircraftTypeId" : "e67602bd-a626-42db-84b6-08d9bb7d218e "
}
```

Example Response

201 Created

Body Header (6)

```
{
  "status": 201,
  "result": {
    "registrationId": "G-RNAC",
    "aircraftType": {
      "aircraftTypeId": "e67602bd-a626-42db-84b6-08d9bb7d218e ",
      "make": "Boeing",
      "model": "777-300ER"
    }
  }
}
```

[View More](#)

GET Get All Aircrafts

<http://localhost:13946/api/aircraft>

Documentation Settings ▼

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Example Request

Get All Aircrafts

```
GET /api/aircraft HTTP/1.1
Host: localhost:13946
```

Example Response

200 OK

Body Header (5)

```
[
  {
    "registrationId": "G-RNAC",
    "aircraftType": {
      "aircraftTypeId": "e67602bd-a626-42db-84b6-08d9bb7d218e ",
      "make": "Boeing",
      "model": "777-300ER"
    }
  },
  {
```

[View More](#)

Sightings

POST Create new aircraft sighting record

<http://localhost:13946/api/sighting>**BODY** raw

```
{
  "AircraftId" : "QC-TRCSC",
  "SpotterId" : "59f8abea-7030-4fd8-58c3-08d9bb3d52b1 ",
  "DateTime" : "2019-10-12T10:30:00",
  "Location" : "London Gatwick"
}
```

i

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POST /api/sighting HTTP/1.1

Host: localhost:13946

Content-Length: 171

```
{
  "AircraftId" : "QC-TRCSC",
  "SpotterId" : "59f8abea-7030-4fd8-58c3-08d9bb3d52b1 ",
  "DateTime" : "2019-10-12T10:30:00",
  "Location" : "London Gatwick"
}
```

Example Response

201 Created

Body

Header (6)

```
{
  "status": 201,
  "result": {
    "sightingId": "d9b03ec4-dd82-4e49-40fa-08d9bb84caa5 ",
    "aircraft": {
      "registrationId": "QC-TRCSC",
      "aircraftType": {
        "aircraftTypeId": "02527865-d07e-4936-84b7-08d9bb7d218e ",
        "make": "Airbus",
        "model": "A380"
      }
    }
  }
}
```

View More

GET Get All Aircrafts Sightings

http://localhost:13946/api/sighting

Example Request

Get All Aircrafts Sightings

GET /api/sighting HTTP/1.1

Host: localhost:13946

Example Response

200 OK

Body

Header (5)



This documentation is not published yet, this is only a preview. Changes to the publishing settin...

```
{
  "sightingId": "d9b03ec4-dd82-4e49-40fa-08d9bb84caa5 ",
  "aircraft": {
    "registrationId": "QC-TRCSC",
    "aircraftType": {
      "aircraftTypeId": "02527865-d07e-4936-84b7-08d9bb7d218e ",
      "make": "Airbus",
      "model": "A380"
    }
  }
}
```

[View More](#)

GET Get Aircrafts Sightings by ID

http://localhost:13946/api/sighting/d9b03ec4-dd82-4e49-40fa-08d9bb84caa5

Example Request

Get Aircrafts Sightings by ID

GET /api/sighting/d9b03ec4-dd82-4e49-40fa-08d9bb84caa5 HTTP/1.1
Host: localhost:13946

Example Response

200 OK

Body Header (5)

```
{
  "sightingId": "d9b03ec4-dd82-4e49-40fa-08d9bb84caa5 ",
  "aircraft": {
    "registrationId": "QC-TRCSC",
    "aircraftType": {
      "aircraftTypeId": "02527865-d07e-4936-84b7-08d9bb7d218e ",
      "make": "Airbus",
      "model": "A380"
    }
  }
},
```

[View More](#)

PUT Update existing aircraft sighting record

http://localhost:13946/api/sighting

<http://localhost:13946/api/sighting>

Documentation Settings

BODY raw

This documentation is not published yet, this is only a preview. Changes to the publishing settin...

```
{
  "SightingId" : "eba9d645-2e44-45fd-40fb-08d9bb84caa5 ",
  "AircraftId" : "G-RNAC",
  "SpotterId" : "59f8abea-7030-4fd8-58c3-08d9bb3d52b1 ",
  "DateTime" : "2021-10-12T10:30:00",
  "Location" : "London West port"
}
```

Example Request

Update existing aircraft sighting record

```
PUT /api/sighting HTTP/1.1
Host: localhost:13946
Content-Length: 231
```

```
{
  "SightingId" : "eba9d645-2e44-45fd-40fb-08d9bb84caa5 ",
  "AircraftId" : "G-RNAC",
  "SpotterId" : "59f8abea-7030-4fd8-58c3-08d9bb3d52b1 ",
  "DateTime" : "2021-10-12T10:30:00",
  "Location" : "London West port"
```

Example Response

200 OK

Body Header (5)

```
{
  "status": 200,
  "result": {
    "sightingId": "eba9d645-2e44-45fd-40fb-08d9bb84caa5 ",
    "aircraft": {
      "registrationId": "G-RNAC",
      "aircraftType": {
        "aircraftTypeId": "e67602bd-a626-42db-84b6-08d9bb7d218e ",
        "make": "Boeing",
        "model": "777-300ER"
      }
    }
  }
}
```

[View More](#)

DEL Delete Aircrafts Sightings by ID

<http://localhost:13946/api/sighting/d9b03ec4-dd82-4e49-40fa-08d9bb84caa5>



This documentation is not published yet, this is only a preview. Changes to the publishing settings will be visible here. [Delete Aircraft Sightings by ID](#)

DELETE /api/sighting/d9b03ec4-dd82-4e49-40fa-08d9bb84caa5 HTTP/1.1
Host: localhost:13946

Example Response 200 OK

Body Header (5)

```
{
  "status": 200,
  "result": {
    "sightingId": "d9b03ec4-dd82-4e49-40fa-08d9bb84caa5 ",
    "aircraft": {
      "registrationId": "QC-TRCSC",
      "aircraftType": {
        "aircraftTypeId": "02527865-d07e-4936-84b7-08d9bb7d218e ",
        "make": "Airbus",
        "model": "A380"
      }
    }
  }
}
```

[View More](#)

Images

POST Upload Image

http://localhost:13946/api/image/upload/sightings

BODY formdata

File

Example Request Upload Image



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```
POST /api/image/upload/sightings HTTP/1.1
Host: localhost:13946
Content-Length: 175
Content-Type: multipart/form-data; boundary=----WebKitFormBoundary7MA4YWxkTrZu0gW

----WebKitFormBoundary7MA4YWxkTrZu0gW
Content-Disposition: form-data; name="File"; filename="plane.jpg"
Content-Type: image/jpeg
```

View More

(data)

Example Response 200 OK

Body Header (7)

http://localhost:13946/api/image/sightings/04bfb1ed-03a2-4f9b-9db2-4eaf83948a79_plane.jpg

GET Get Image

http://localhost:13946/api/image/sightings/04bfb1ed-03a2-4f9b-9db2-4eaf83948a79_plane.jpg

Example Request Get Image

GET /api/image/sightings/04bfb1ed-03a2-4f9b-9db2-4eaf83948a79_plane.jpg HTTP/1.1