

Main URL:

<http://coms-309-052.class.las.iastate.edu:8080>

Analytics:

Get Entire List of Analytics (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/analytics>

Get Specific Analytic (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/analytics/{id}>

Create an Analytic Point (POST):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/analytics>

Update an Analytic Point (PUT):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/analytics/{id}>

Delete an Analytic Point (DELETE):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/analytic/{id}>

JSON Example:

```
{  
    "date": "10/04/2023",  
    "birdsClassifiedOnDate": 100,  
    "totalBirdsClassified": 2000  
}
```

Bird Info:

Get Entire List of Bird Info (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdInfo>

Get Specific Bird Info (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdInfo/{id}>

Create a new Bird Info Point (POST):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdInfo>

Update a Bird Info Point (PUT):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdInfo/{id}>

Delete a Bird Info Point (DELETE):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdInfo/{id}>

Assign A Bird Tracking Info Entity to a Bird (PUT):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdInfo/{birdInfoId}/birdTrackingInfo/{birdTrackingInfoId}>

Get A Bird's Bird Tracking Info (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdInfo/{birdInfoId}/birdTrackingInfo>

JSON Example:

```
{  
  "scientificName": "scientific name of bird",  
  "name": "common name of bird",  
  "shortDesc": "short description of bird",
```

```
"image": "image url of bird",  
"rangeMap": "map url of bird",  
"callSound": "call sound url of bird"  
}
```

Bird Tracking Info:

Get Entire List of Bird Tracking Info (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdtrackinginfos>

Get Specific Bird Tracking Info (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdtrackinginfos/{id}>

Create a new Bird Tracking Info Point (POST):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdtrackinginfos>

Update a Bird Tracking Info Point (PUT):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdtrackinginfos/{id}>

Delete a Bird Tracking Info Point (DELETE):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/birdtrackinginfo/{id}>

JSON Example:

```
{  
  "latitude": 90,  
  "longitude": 40,  
  "date": "10/04/2023",  
}
```

```
"time": "16:32:05",  
"imageLink": "image url of bird"  
}
```

User:

Get Entire List of Users (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/users>

Get Specific User Info (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/users/{id}>

Create a new User (POST):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/users>

Update a User (PUT):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/users/{id}>

Assign A Bird Tracking Info point to User (PUT):

- URL: http://coms-309-052.class.las.iastate.edu:8080/users/{user_id}/birdTrackingInfo/{track_id}

Delete a User (DELETE):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/users/{id}>

Assign An Analytic to a User (PUT):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/users/{userId}/analytic/{analyticID}>

Get A User's Bird Tracking Info (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/users/{userId}/birdTrackingInfo>

Get A User's Analytics (GET):

- URL: <http://coms-309-052.class.las.iastate.edu:8080/users/{userId}/analytics>

JSON Example:

```
{  
    "username": "user1",  
    "email": "user1@gmail.com",  
    "password": "password",  
    "privilege": 0  
}
```