Test Curl Commands

Auth

Successful Logins

```
curl -X POST -d username=sebvet -d password=astonmartin
http://localhost:8000/login -v

Status 200:
{"token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6InNlYnZldCIsIm5hb
WUiOiIiLCJleHAiOjE2MTU1NTgxMzZ9.dDhv7JpV1HmexRgQMFSH9YJH47nkckgFRWJLSIobdco"}
```

```
curl -X POST -d username=babydriver -d password=edgarwright
http://localhost:8000/login -v

Status 200:
{"token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6ImJhYnlkcml2ZXIiL
CJuYW1lIjoiIiwiZXhwIjoxNjE1NTU4NzA2fQ.i427TdElCviP8lr08EbqP5_6ocosabSttNIhvEkIa_
s"}
```

Unsuccessful Login

```
Unsuccessful Login:
curl -X POST -d username=notauser -d password=notapassword
http://localhost:8000/login -v

Status 401:
{"error": "Incorrect credentials provided"}
```

Roster

Join Roster Successfully

```
curl -X POST -H "Content-Type: application/json" --data "
{\"token\":\"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6InNlYnZldCIsIm
5hbWUiOiIiLCJleHAiOjE2MTU1NTg2MTN9.6XKKiACOaL3Dny3OOaD64HL8OU9V34xceaOFjmiR-
dU\",\"rate\":5}" http://localhost:8001/roster -v

Status 200:
{"username":"sebvet","name":"Sebastian Vettel","rate":5}
```

```
curl -X POST -H "Content-Type: application/json" --data "
{\"token\":\"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6ImJhYnlkcml2ZX
IiLCJuYW1lIjoiIiwiZXhwIjoxNjE1NTU4NzA2fQ.i427TdElCviP8lr08EbqP5_6ocosabSttNIhvEk
Ia_s\",\"rate\":15}" http://localhost:8001/roster -v

Status 200:
{"username":"babydriver","name":"Ansel Elgort","rate":15}
```

Join roster unsuccessfully

```
curl -X POST -H "Content-Type: application/json" --data "
{\"token\":\"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6ImJhYnlkcml2ZX
IiLCJuYW1lIjoiIiwiZXhwIjoxNjE1NTU4NzA2fQ.i427TdElCviP8lr08EbqP5_6ocosabSBADSIGNA
TURE\",\"rate\":15}" http://localhost:8001/roster -v

Status 401:
{"error": "Invalid JWT token"}
```

```
curl -X POST -H "Content-Type: application/json" --data "
{\"token\":\"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6InNlYnZldCIsIm
5hbWUiOiIiLCJleHAiOjE2MTU1NTg2MTN9.6XKKiAC0aL3Dny3OOaD64HL8OU9V34xceaOFjmiR-
dU\",\"rate\":5}" http://localhost:8001/roster -v

Status 400:
{"error": "User is already in roster"}
```

Change Rate

```
curl -X PUT -H "Content-Type: application/json" --data "
{\"token\":\"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6InNlYnZldCIsIm
5hbWUiOiIiLCJleHAiOjE2MTU1NTg2MTN9.6XKKiAC0aL3Dny3OOaD64HL8OU9V34xceaOFjmiR-
dU\",\"rate\":7}" http://localhost:8001/roster -v

Status 200:
{"username":"sebvet","name":"Sebastian Vettel","rate":7}
```

Leave Roster

```
curl -X DELETE -H "Content-Type: application/json" --data "
{\"token\":\"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6InNlYnZldCIsIm
5hbWUiOiIiLCJleHAiOjE2MTU1NTg2MTN9.6XKKiAC0aL3Dny3OOaD64HL8OU9V34xceaOFjmiR-
dU\"}" http://localhost:8001/roster -v

Status 200
```

```
curl -X DELETE -H "Content-Type: application/json" --data "
{\"token\":\"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6InNlYnZldCIsIm
5hbWUiOiIiLCJleHAiOjE2MTU1NTg2MTN9.6XKKiAC0aL3Dny3OOaD64HL8OU9V34xceaOFjmiR-
dU\"}" http://localhost:8001/roster -v

Status 400:
{"error": "User is not in roster"}
```

Get Drivers in Roster

```
curl -X GET http://localhost:8001/roster -v

Status 200:
[{"username":"babydriver","name":"Ansel Elgort","rate":15},
{"username":"sebvet","name":"Sebastian Vettel","rate":5}]
```

Directions

```
curl -X GET http://localhost:8002/directions/Exeter/Crediton

Status 200:
{"TotalDistance":14007,"ARoadDistance":13403}
```

Journey

```
curl -X GET http://localhost:8003/journey/Exeter/Crediton

Status 200:
{"start_point":"Exeter","end_point":"Crediton","total_distance":14007,"a_road_di
stance":13403,"best_driver":{"username":"sebvet","name":"Sebastian
Vettel","rate":5},"cost":280}
```