

# Documentation – API backend

## WEB4

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# User

## Create a user:

Route: `http://localhost:8090/register` [POST]

Body:

```
{
  "username": "Good",
  "password": "Good"
}
```

Response: 201 CREATED

```
{
  "username": "Good",
  "role": "ROLE_USER"
}
```

## Authenticate:

Route: `http://localhost:8090/authenticate` [POST]

Body:

```
{
  "username": "Good",
  "password": "Good"
}
```

Response: 200 OK

```
{
  "role": "ROLE_ADMIN",
  "token": "eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJHb29kMyIsImV4cCI6MTY4NDk2MzIwNCwiaWF0IjoxNjg0OTIwMDA0fQ.QrqxgsBUpaIINDG2V_iNVvVDQZI-PT4uCyXEFVvJVvFZhEfnk_dBxautoxGAetWeAOLL8IoWbgdLzoeyqFTTzw"
  "id": 1
}
```

This value is the {TOKEN} mentioned afterwise.

## Info on me:

Route: `http://localhost:8090/me` [GET]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Response: 200 OK

```
{
  "username": "Good",
  "role": "ROLE_USER"
}
```

## Update a user:

Route: `http://localhost:8090/user/{id}` [POST]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Body:

```
{
```

```
    "username": "GoodNow",
    "role": "ROLE_ADMIN"
}
```

Response: 200 OK

```
{
  "username": "GoodNow",
  "role": "ROLE_ADMIN"
}
```

## Delete a user:

Route: `http://localhost:8090/user/{id}` [DELETE]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Response: 200 OK

```
{
  "success": true
}
```

## Get a user:

Route: `http://localhost:8090/user/{id}` [GET]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Response: 200 OK

```
{
  "username": "GoodNow",
  "role": "ROLE_ADMIN"
}
```

## Get all users:

Route: `http://localhost:8090/user` [GET]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Response: 200 OK

```
[
  {
    "role": "ROLE_ADMIN",
    "id": 1,
    "username": "Good"
  },
  {
    "role": "ROLE_USER",
    "id": 31,
    "username": "TestUser3"
  },
  {
    "role": "ROLE_USER",
    "id": 30,
    "username": "TestUser"
  }
]
```



# Character

## Get a character:

Route: `http://localhost:8090/character/{id}` [GET]

Response: 200 OK

```
{
  "id": 2,
  "name": "Toon Link",
  "weight": 91,
  "speed": 1.906,
  "creation_date": "2023-05-12T11:47:22.000+00:00",
  "updated_date": "2023-05-12T11:47:22.000+00:00",
  "up_tilt": {
    "id": 2,
    "name": null,
    "damage": 5,
    "frame": 8,
    "endlag": 13,
    "creation_date": "2023-05-12T11:47:22.000+00:00",
    "updated_date": "2023-05-12T11:47:22.000+00:00"
  },
  "forward_tilt": {
    "id": 2,
    "name": null,
    "damage": 9,
    "frame": 9,
    "endlag": 16,
    "creation_date": "2023-05-12T11:47:22.000+00:00",
    "updated_date": "2023-05-12T11:47:22.000+00:00"
  },
  "down_tilt": {
    "id": 2,
    "name": null,
    "damage": 7,
    "frame": 9,
    "endlag": 12,
    "creation_date": "2023-05-12T11:47:22.000+00:00",
    "updated_date": "2023-05-12T11:47:22.000+00:00"
  },
  "dash_attack": {
    "id": 2,
    "name": null,
    "damage": 8,
    "frame": 7,
    "endlag": 19,
    "creation_date": "2023-05-12T11:47:22.000+00:00",
    "updated_date": "2023-05-12T11:47:22.000+00:00"
  },
  "video": {
    "id": 2,
    "yt_channel": "IzAw",
    "url": "https://www.youtube.com/watch?v=YDY05vVrsk8",
```

```
        "creation_date": "2023-05-12T11:47:22.000+00:00",
        "updated_date": "2023-05-12T11:47:22.000+00:00"
    }
}
```

## Get all characters:

Route: <http://localhost:8090/character> [GET]

Response: 200 OK

```
[
  {
    "id": 1,
    "name": "Wario",
    "weight": 107,
    "speed": 1.65,
    "creation_date": "2023-05-12T08:29:24.000+00:00",
    "updated_date": "2023-05-12T08:29:24.000+00:00"
  },
  {
    "id": 2,
    "name": "Toon Link",
    "weight": 91,
    "speed": 1.906,
    "creation_date": "2023-05-12T08:29:24.000+00:00",
    "updated_date": "2023-05-12T08:29:24.000+00:00"
  },
  {
    "id": 3,
    "name": "Fox",
    "weight": 77,
    "speed": 2.402,
    "creation_date": "2023-05-12T08:29:24.000+00:00",
    "updated_date": "2023-05-12T08:29:24.000+00:00"
  },
  {
    "id": 4,
    "name": "Donkey Kong",
    "weight": 127,
    "speed": 1.873,
    "creation_date": "2023-05-12T08:29:24.000+00:00",
    "updated_date": "2023-05-12T08:29:24.000+00:00"
  },
  {
    "id": 5,
    "name": "Pikachu",
    "weight": 79,
    "speed": 2.039,
    "creation_date": "2023-05-12T08:29:24.000+00:00",
    "updated_date": "2023-05-12T08:29:24.000+00:00"
  },
  {
    "id": 6,
    "name": "Mario",
    "weight": 50,
```

```
    "speed": 30.0,
    "creation_date": "2023-05-12T09:16:55.000+00:00",
    "updated_date": "2023-05-12T09:16:55.000+00:00"
  }
]
```

## Update a character:

Route: `http://localhost:8090/comment/{CommentID}` [PUT]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Body:

```
{
  "speed": 2.483,
  "weight": 30
}
```

Response: 200 OK

```
{
  "id": 2,
  "name": "Toon Link",
  "weight": 30,
  "speed": 2.483,
  "creation_date": "2023-05-22T13:23:06.000+00:00",
  "updated_date": "2023-05-24T08:40:53.372+00:00",
  "up_tilt": {
    "id": 2,
    "name": null,
    "damage": 5,
    "frame": 8,
    "endlag": 13,
    "creation_date": "2023-05-22T13:23:06.000+00:00",
    "updated_date": "2023-05-22T13:23:06.000+00:00"
  },
  "forward_tilt": {
    "id": 2,
    "name": null,
    "damage": 9,
    "frame": 9,
    "endlag": 16,
    "creation_date": "2023-05-22T13:23:06.000+00:00",
    "updated_date": "2023-05-22T13:23:06.000+00:00"
  },
  "down_tilt": {
    "id": 2,
    "name": null,
    "damage": 7,
    "frame": 9,
    "endlag": 12,
    "creation_date": "2023-05-22T13:23:06.000+00:00",
    "updated_date": "2023-05-22T13:23:06.000+00:00"
  },
  "dash_attack": {
    "id": 2,
    "name": null,
    "damage": 8,
```

## Master ETNA – Promo 2024 – jovici\_a

```
    "frame": 7,  
    "endlag": 19,  
    "creation_date": "2023-05-22T13:23:06.000+00:00",  
    "updated_date": "2023-05-22T13:23:06.000+00:00"  
  },  
  "video": {  
    "id": 2,  
    "yt_channel": "IzAw",  
    "url": "https://www.youtube.com/watch?v=YDY05vVrsk8",  
    "creation_date": "2023-05-22T13:23:06.000+00:00",  
    "updated_date": "2023-05-22T13:23:06.000+00:00"  
  }  
}
```



# Comment

## Create a comment:

Route: `http://localhost:8090/comment` [POST]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Body:

```
{
  "body": "Toon Link is so good bro",
  "character_id": "2"
}
```

Response: 201 CREATED

```
{
  "character": {
    "name": "Toon Link",
    "id": 2
  },
  "id": 9,
  "body": "Toon Link is so good bro",
  "user": {
    "username": "Good3",
    "role": "ROLE_USER"
  }
}
```

## Update a comment:

Route: `http://localhost:8090/comment/{CommentID}` [PUT]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Body:

```
{
  "body": "WTF THIS FAIR MAN"
}
```

Response: 200 OK

```
{
  "character": {
    "name": "Toon Link",
    "id": 2
  },
  "id": 9,
  "body": "WTF THIS FAIR MAN",
  "user": {
    "username": "Good3",
    "role": "ROLE_USER"
  }
}
```

## Get all my comments:

Route: `http://localhost:8090/comment/mine` [GET]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Response: 200 OK

```
[
  {
    "character": {
      "name": "Toon Link",
      "id": 2
    },
    "id": 9,
    "body": "WTF THIS FAIR MAN",
    "user": {
      "username": "Good3",
      "role": "ROLE_USER"
    }
  }
]
```

## Get all comments for a character:

Route: `http://localhost:8090/comment/{CharcaterID}` [GET]

Response: 200 OK

```
[
  {
    "character": {
      "name": "Toon Link",
      "id": 2
    },
    "id": 1,
    "body": "Toon Link is so good bro",
    "user": {
      "username": "Good2",
      "role": "ROLE_USER"
    }
  },
  {
    "character": {
      "name": "Toon Link",
      "id": 2
    },
    "id": 2,
    "body": "Toon Link is so good bro2",
    "user": {
      "username": "Good2",
      "role": "ROLE_USER"
    }
  },
  {
    "character": {
      "name": "Toon Link",
      "id": 2
    },
    "id": 7,
    "body": "so good bro",
    "user": {
      "username": "Good3",
      "role": "ROLE_USER"
    }
  }
]
```

```
    }  
  }  
]
```

### Delete a comment:

Route: `http://localhost:8090/comment/{CommentID}` [DELETE]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Response: 200 OK

```
{  
  "success": true  
}
```

# Attacks

## Update the down tilt:

Route: `http://localhost:8090/downTilt/{ID}` [PUT]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Body: Each field is optionnal

```
{
  "endlag" : 3,
  "name" : "swing",
  "damage" : 8,
  "frame" : 9
}
```

Response: 200 OK

```
{
  "id": 2,
  "name": "swing",
  "damage": 8,
  "frame": 9,
  "endlag": 3,
  "creation_date": "2023-05-19T15:18:48.000+00:00",
  "updated_date": "2023-05-19T15:20:24.855+00:00"
}
```

## Update the up tilt:

Route: `http://localhost:8090/upTilt/{ID}` [PUT]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Body: Each field is optionnal

```
{
  "endlag" : 3,
  "name" : "swing"
}
```

Response: 200 OK

```
{
  "id": 2,
  "name": "swing",
  "damage": 8,
  "frame": 9,
  "endlag": 3,
  "creation_date": "2023-05-19T15:18:48.000+00:00",
  "updated_date": "2023-05-19T15:20:24.855+00:00"
}
```

## Update the forward tilt:

Route: `http://localhost:8090/forwardTilt/{ID}` [PUT]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Body: Each field is optionnal

```
{
  "endlag" : 3,
  "name" : "swing"
}
```

```
}
```

Response: 200 OK

```
{
  "id": 2,
  "name": "swing",
  "damage": 8,
  "frame": 9,
  "endlag": 3,
  "creation_date": "2023-05-19T15:18:48.000+00:00",
  "updated_date": "2023-05-19T15:20:24.855+00:00"
}
```

## Update the dash attack:

Route: `http://localhost:8090/dashAttack/{ID}` [PUT]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Body: Each field is optional

```
{
  "endlag" : 3,
  "name" : "swing"
}
```

Response: 200 OK

```
{
  "id": 2,
  "name": "swing",
  "damage": 8,
  "frame": 9,
  "endlag": 3,
  "creation_date": "2023-05-19T15:18:48.000+00:00",
  "updated_date": "2023-05-19T15:20:24.855+00:00"
}
```

# Video

## Update the video:

Route: `http://localhost:8090/downTilt/{ID}` [PUT]

Header: key = "Authorization", value = "Bearer {TOKEN}"

Body: Each field is optionnal

```
{  
  "url" : "https://www.youtube.com/watch?v=eDFsbqmgOVg",  
  "Yt_channel" : "JoeK"  
}
```

Response: 200 OK

```
{  
  "id": 2,  
  "yt_channel": "JoeK",  
  "url": "https://www.youtube.com/watch?v=eDFsbqmgOVg",  
  "creation_date": "2023-05-12T11:47:22.000+00:00",  
  "updated_date": "2023-05-19T16:00:59.955+00:00"  
}
```