

Get Events

- URL
api/Events/
- Method
get
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*
 - Result:

```
[{
  "id": 80,
  "name": "This is an Event",
  "description": "this is the description of the event",
  "latlon": {
    "x": 39.30539976842445,
    "y": -8.863769564777614
  },
  "image": null,
  "host": 1,
  "category": 1,
  "startDate": "2020-01-22T12:00:00.000Z",
  "endDate": "2020-01-31T12:00:00.000Z",
  "status": "active"
}]
```

Get Event Categories

- URL
api/Events/Categories
- Method
get
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*
 - Result: json [{ "id": 1, "name": "Jogging", "image":
"https://static01.nyt.com/images/2014/01/10/health/10well_askwell/10well_askwell-tmagArticle.jpg", "description": "Jogging
is a form of trotting or running at a slow or leisurely pace." }, { "id": 2, "name": "Photography", "image":
"https://d36iur3orme9ke.cloudfront.net/wp-content/uploads/2016/06/blog_top-image_Open-Source-Photography.jpg",
"description": "Photography is the art, application and practice of creating durable images by recording light or other
electromagnetic radiation." }, { "id": 3, "name": "Cooking", "image":
"https://assets.epicurious.com/photos/5dc6dbfbd482f10008d4fad9/4:3/w_4013,h_3010,c_limit/NewJoyCooking_HERO_110519_6023.jpg",
"description": "Cooking or cookery is the art, technology, science and craft of preparing food for consumption." }, { "id":
4, "name": "Gardening", "image": "https://hips.hearstapps.com/hmg-prod.s3.amazonaws.com/images/gardening-1521662873.jpg?
crop=1.00xw:1.00xh;0,0&resize=480:*", "description": "Gardening is the practice of growing and cultivating plants as part of
horticulture." }, { "id": 5, "name": "Drawing", "image": "https://xo3d.co.uk/wp-content/uploads/2019/11/Colour-
Palette.jpg", "description": "Drawing is a form of visual art in which a person uses various drawing instruments to mark
paper or another two-dimensional medium." }, { "id": 6, "name": "Knitting", "image":
"https://static.wixstatic.com/media/baafc9_775d60d666fe4395820506d79d1b9e6d~mv2.jpg", "description": "Knitting is a method
by which yarn is manipulated to create a textile or fabric; it is used in many types of garments." }]}

Create Events

- URL
api/Events/Create
- Method
post
- Data Params
eventCategory = [string]

```
startDate = [string]
endDate = [string]
eventName = [string]
eventDescription = [string]
eventLat = [string]
eventLon = [string]
host = [string]
startTime = [string]
endTime = [string]
```

- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

User Joins Events

- URL
 - api/Events/Group/Join*
- Method
 - post*
- Data Params
 - idEvent = [string]*
 - idUser = [string]*
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

Delete Events

- URL
 - api/Events/Delete*
- Method
 - delete*
- Data Params
 - idEvent = [string]*
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

Get Events by User

- URL
 - api/Events/Group/:userID*
- Method
 - get*
- URL Params
 - idUser = [string]*
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*
 - Result: `json [{ "idRelation": 75, "idUser": 1, "idEvent": 80 }]`

Get Selected Event

- URL
 - api/Events/:eventID*
- Method
 - get*

- URL Params
eventId = [string]
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*
 - Result:

```
json [{ "id": 80, "name": "This is an Event", "description": "this is the description of the event", "latlon": { "x": 39.30539976842445, "y": -8.863769564777614 }, "image": null, "host": 1, "category": 1, "startDate": "2020-01-22T12:00:00.000Z", "endDate": "2020-01-31T12:00:00.000Z", "status": "active" }]
```

Get Selected Event Location

- URL
api/Events/:eventId/Location
- Method
get
- URL Params
eventId = [string]
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*
 - Result:

```
json [{ "lat": 39.30539976842445, "lon": -8.863769564777614 }]
```

Create a User

- URL
api/Users/CreateUser
- Method
post
- Data Params
name = [string]
mail = [string]
password = [string]
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

Authenticate User

- URL
api/Users/Login
- Method
post
- Data Params
mail = [string]
password = [string]
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

Get User Preferences

- URL
api/Users/:userID/Preferences
- Method
get
- URL Params

userID = [string]

- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*
 - Result: `json [{ "idCat": 1, "idUser": 1 }, { "idCat": 3, "idUser": 1 }, { "idCat": 4, "idUser": 1 }, { "idCat": 5, "idUser": 1 }, { "idCat": 6, "idUser": 1 }]`

Updates User Preferences

- URL

api/Users/User/Preferences
- Method

post
- Data Params

idUser = [string]
idCat = [string]
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

Get Selected User

- URL

api/Users/:userID
- Method

get
- URL Params

userID = [string]
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*
 - Result: `json [{ "name": "Manuel B.", "latlon": { "x": 38.8417686, "y": -9.428132999999999 }, "mail": "admin@GroupUp" }]`

Updates Users Location

- URL

api/Users/User/latlon
- Method

put
- Data Params

lat = [string]
lon = [string]
idUser = [string]
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

Links User to Discord

- URL

api/Users/User/Discord
- Method

post
- Data Params

discId = [string]
userId = [string]

- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

Create a Discord Channel

- URL
api/Discord/CreateChannel
- Method
post
- Data Params
eventName = [string]
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

Give Roles to Users

- URL
api/Discord/GiveRoles
- Method
post
- Data Params
disclId = [string]
joinedEventsNames = [string]
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*

Get Discord Role Information

- URL
api/Users/:user/DiscordRoleInfo
- Method
get
- Data Params
- URL params
- Error Response
 - Code: *500*
 - Error in a database query
- Success Result
 - Code: *200*