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Recreational Activity Classes API
Spring 2021
Oregon State University
url: <https://tangka-activities-api.wl.r.appspot.com>
(url same for sign up)

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Data Model

The user will be the instructor for the course, and activity will hold the user's id in the instructor attribute.

Activity

name	String	Name of the class
instructor	String	userID of the user
description	String	Description of the class
room	int	Room number of activity
start	Int	Time in seconds
end	int	Time in seconds
num_attendees	int	Number of attendees for the class
attendee_list	List of objects	List of attendees
public	boolean	If the course is private or public

Attendee

first_name	String	First name of attendee
last_name	String	Last name of attendee
email	String	Email of attendee
phone	int	Phone number of user
activities_list	List of objects	List of the activities that the attendee is attending.

I am implementing a many to many relation between attendees and activities. Attendees can be "registered" to an activity or removed from the activity.

The user needs to supply user identifier, user must supply a jwt token.

The application uses a function to verify whether the jwt token is valid.

The user has a one to many relationship with activities.

Create an Activity

POST/activities

Post request to create an activity

Request

Path Parameters

None

Request Body

Required

Request Body Format

JSON

Request Accept Types:

application/JSON

Request JSON Attributes

Name	Type	Description	Required?
name	String	Name of the class	Yes
description	String	Description of the activity	Yes
room	Int	The room number of the class, rooms range from 1- 300	Yes
start	int	Start time must be in time since Epoch in seconds	Yes
end	int	End time must be in time since epoch in seconds	Yes
public	Boolean	Whether the class is public or private	Yes

Request Body Example

```
{
  "name": "Knitting Club Meet Up",
  "room": 100,
  "public": true,
  "start": 1622638837,
  "end": 1622674837,
  "description": "No knowledge of knitting is required."
}
```

Response

Response Body Format:

JSON

Response Content-Type

Application/json

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	
Failure	400 Bad Request	<ul style="list-style-type: none">• name attribute<ul style="list-style-type: none">○ Any characters allowed.○ must be within the range of 5 to 30 characters long.○ Does not need to be unique○ Extraneous leading and ending spaces are removed from the name.• description attribute<ul style="list-style-type: none">○ must be a string○ Length must be within range of 5 to 50 characters○ Any characters is accepted as long as description is not made up of only spaces.• start and end<ul style="list-style-type: none">○ must be an integer, representing time since Epoch in seconds○ start time must be earlier than end time.○ There must be no overlaps with time and room for different activities• room must be an integer• empty fields are rejected.• Other fields other than the accepted fields are not accepted
Failure	401 Unauthorized	If user is not signed, or the token has expired
Failure	403 Forbidden	If the room is taken during date and time or room number does not exist, room ranges from 1 to 300
Failure	406 Not Acceptable	When user requests a Content-Type that is not supported by the endpoint. Application/Json is the only acceptable type the client can request in the Accept header
Failure	415 Unsupported Media Type	User sends data type that is not supported by the API

Response examples

- Datastore will automatically generate an ID and store it with entity that is created.
- Self attribute will contain a live link to the REST resource corresponding to the activity.

Success

```
Status: 201 Created
{
  "name": "Knitting Club Meet Up",
  "description": "No knowledge of knitting is required.",
  "start": 1622638837,
  "end": 1622674837,
  "room": 100,
  "instructor": "auth0|60b6b343c8c21a0068887cfb",
  "public": true,
  "id": "5646488461901824",
  "self": "http://localhost:8080/activities/5646488461901824"
}
```

Failure

```
Status: 400 Bad Request
{
  "Error": "The request object is missing at least one of the required attributes."
}
```

Failure

```
Status 400 Bad Request
{
  "Error": "The request object has at least one attribute that is not allowed"
}
```

Failure

```
Status 401 Unauthorized
{
  "Error": "Missing Authorization token."
}
```

Failure

```
Status 403 Bad Request
{
  "Error": "The time overlaps with another activity. Please choose a different time."
}
```

Failure

Status 406 Not Acceptable

```
{  
  "Error": "Content type requested is not supported by API."  
}
```

Failure

Status 404 Not Found

```
{  
  "Error": "No activity with this id exists."  
}
```

Failure

Status 415

```
{  
  "Error": "Unsupported Media Type"  
}
```

View an Activity

View an Activity

Get an existing activity by id

GET /activities/:activity_id

Request

Path Parameters

Name	Type	Description
activity_id	String	ID of the boat

Request Accept MIME Types:

application/JSON

Request Body

None

Response

Response Body Format

JSON

HTML

Response Content-Type

application/json

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	403	Forbidden, user cannot access private activity because it does not belong to user and or no token
Failure	404 Not Found	No activity with this activity_id exists
Failure	406 Not Acceptable	When the client requests a content type not supported by the API.

Response Examples

Status 200

```
{
  "instructor": "auth0|60b55aea63019d0069dc3f25",
  "attendee_list": [
    {
      "attendee_id": "6101308318679040",
      "self": "http://localhost:8080/attendees/6101308318679040"
    },
    {
```

```
        "attendee_id": "5538358365257728",
        "self": "http://localhost:8080/attendees/5538358365257728"
    },
    ],
    "description": "Senior care bingo night, with prizes",
    "start": 1622582557,
    "public": true,
    "room": 200,
    "end": 1622584837,
    "name": "Bingo Night",
    "id": "6583134694932480",
    "self": "http://localhost:8080/activities/6583134694932480",
    "num_attendees": 2
}
```

```
Status 200
{
    "instructor": "auth0|60b55aea63019d0069dc3f25",
    "description": "Senior care bingo night, with prizes",
    "room": 200,
    "public": true,
    "start": 1622582557,
    "end": 1622584837,
    "name": "Bingo Night",
    "id": "6583134694932480",
    "self": "http://localhost:8080/activities/6583134694932480"
}
```

Note: if attendees aren't added num_attendees and attendee_list will not be part of the object.

```
Status 403
{
    "Error": "The activity requested is private and you are unauthorized to view activity."
}
```

Failure

```
Status 404 Not Found
{
    "Error": "No activity with this id exists."
}
```


Failure

Status 406 Not Acceptable

```
{  
  "Error": "Content type requested is not supported by API."  
}
```

List all Activities

Get a list of paginated activities, if user is unauthorized, all public boats will be listed. If user is authorized, user is able to view their activities they have created.

GET /activities

Request

Path Parameters

Name	Type	Description	Required?
limit	int	To specify number of boats to get	No
offset	int	To specify offset number	No

Request Body

None

Request Accept Types:

application/JSON

Response

Response Body Format

application/JSON

Response Statuses

Outcome	Status Code	Notes
Success	200	

Response Examples

Success

```
{
  "next": "http://localhost:8080/activities?limit=5&offset=5",
  "count": 6,
  "activities": [
    {
      "name": "Macrame Morning Class",
      "description": "Beginners welcome!",
      "instructor": "auth0|60b55aea63019d0069dc3f25",
      "public": true,
      "end": 1623738375,
      "room": 300,
      "start": 1623734775,
      "id": "4604777296035840",
      "self": "http://localhost:8080/activities/4604777296035840"
    },
    {
      "public": true,
      "name": "Knitting Club Meet Up",
      "attendee_list": [
        {
          "attendee_id": "6716239321759744",
          "self": "http://localhost:8080/attendees/6716239321759744"
        }
      ]
    }
  ]
}
```

```

    }
  ],
  "end": 1622674837,
  "description": "No knowledge of knitting is required.",
  "start": 1622638837,
  "room": 100,
  "instructor": "auth0|60b55aea63019d0069dc3f25",
  "num_attendees": 1,
  "id": "4623564690948096",
  "self": "http://localhost:8080/activities/4623564690948096"
},
{
  "start": 1622582557,
  "end": 1622584837,
  "name": "Bingo Night",
  "description": "Senior care bingo night, with prizes",
  "room": 200,
  "attendee_list": [],
  "instructor": "auth0|60b55aea63019d0069dc3f25",
  "public": true,
  "num_attendees": 0,
  "id": "4753547346313216",
  "self": "http://localhost:8080/activities/4753547346313216"
},
{
  "public": true,
  "name": "Couple's Movie Night II",
  "instructor": "auth0|60b55aea63019d0069dc3f25",
  "description": "Scary movie night.",
  "start": 1622698131,
  "end": 1622701731,
  "room": 1,
  "id": "5368977068916736",
  "self": "http://localhost:8080/activities/5368977068916736"
},
{
  "description": "Disney movies week.",
  "end": 1622701731,
  "name": "Kids's Movie Night",
  "room": 33,
  "start": 1622698131,
  "instructor": "auth0|60b55aea63019d0069dc3f25",
  "public": true,
  "id": "5749464597790720",
  "self": "http://localhost:8080/activities/5749464597790720"
}
]
}
}

```

Edit an Activity (PUT)

Put edit to create an activity

PUT/activities/:activity_id

Request

Path Parameters

Name	Type	Description
activity_id	String	ID of the activity

Request Body

Required

Request Body Format

JSON

Request Accept Types:

application/JSON

Request JSON Attributes

Name	Type	Description	Required?
name	String	Name of the class	Yes
description	String	Description of the activity	Yes
room	Int	The room number of the class, rooms range from 1- 300	Yes
start	int	Start time must be in time since Epoch in seconds	Yes
end	int	End time must be in time since epoch in seconds	Yes
public	Boolean	Whether the class is public or private	Yes

Request Body Example

```
{
  "name": "Knitting Club Meet Up",
  "room": 100,
  "public": true,
  "start": 1622638837,
  "end": 1622674837,
  "description": "No knowledge of knitting is required."
}
```

Response

Response Body Format:

JSON

Response Content-Type

Application/json

Response Statuses

Outcome	Status Code	Notes
Success	204 No content	
Failure	400 Bad Request	<p>If request data does not follow the following requirements, it will be rejected:</p> <ul style="list-style-type: none">• name attribute<ul style="list-style-type: none">○ Any characters allowed.○ must be within the range of 5 to 30 characters long.○ Does not need to be unique○ Extraneous leading and ending spaces are removed from the name.• description attribute<ul style="list-style-type: none">○ must be a string○ Length must be within range of 5 to 50 characters○ Any characters is accepted as long as description is not made up of only spaces.• start and end<ul style="list-style-type: none">○ must be an integer, representing time since Epoch in seconds○ start time must be earlier than end time.○ There must be no overlaps with time and room for different activities• room must be an integer• empty fields are rejected.• Other fields other than the accepted fields are not accepted• All fields must be sent in the request body, if any are missing, it is rejected
Failure	401 Unauthorized	If user is not signed, or the token has expired
Failure	403 Forbidden	If the room is taken during date and time or room number does not exist, room ranges from 1 to 300
Failure	404 Not Found	If activity_id does not exist
Failure	415 Unsupported Media Type	User sends data type that is not supported by the API

Response examples

- Datastore will automatically generate an ID and store it with entity that is created.
- Self attribute will contain a live link to the REST resource corresponding to the activity.

Success

Status 204 No Content

Failure

Status: 400 Bad Request

```
{
  "Error": "The request object is missing at least one of the required attributes."
}
```

Failure

Status 400 Bad Request

```
{
  "Error": "The request object has at least one attribute that is not allowed"
}
```

Failure

Status 401 Unauthorized

```
{
  "Error": "Missing Authorization token."
}
```

Status 403

```
{
  "Error": "You are not authorized to delete requested activity"
}
```

Status 403

```
{
  "Error": "The time overlaps with another activity. Please choose a different time."
}
```

Status 404

```
{
  "Error": "No activity with this id exists."
}
```

Failure

```
Status 415
{
  "Error": "Unsupported Media Type"
}
```

Edit an Activity (PATCH)

PATCH/activities/:activity_id

Patch request to edit an activity.

Request

Path Parameters

Name	Type	Description
activity_id	String	ID of the activity

Request Body

Required

Request Body Format

JSON

Request Accept Types:

application/JSON

Request JSON Attributes

Name	Type	Description	Required?
name	String	Name of the class	No
description	String	Description of the activity	No
room	Int	The room number of the class, rooms range from 1- 300	No
start	int	Start time must be in time since Epoch in seconds	No
end	int	End time must be in time since epoch in seconds	No
public	Boolean	Whether the class is public or private	No

Request Body Example

```
{
  "name": "Knitting Club Meet Up",
  "room": 10,
  "public": true,
  "start": 1622638837,
  "description": "No knowledge of knitting is required."
}
```

Response

Response Body Format:

JSON

Response Content-Type

Application/json

Response Statuses

Outcome	Status Code	Notes
Success	204 No content	
Failure	400 Bad Request	<ul style="list-style-type: none">• name attribute<ul style="list-style-type: none">○ Any characters allowed.○ must be within the range of 5 to 30 characters long.○ Does not need to be unique○ Extraneous leading and ending spaces are removed from the name.• description attribute<ul style="list-style-type: none">○ must be a string○ Length must be within range of 5 to 50 characters○ Any characters is accepted as long as description is not made up of only spaces.• start and end<ul style="list-style-type: none">○ must be an integer, representing time since Epoch in seconds○ start time must be earlier than end time.○ There must be no overlaps with time and room for different activities• room must be an integer• empty fields are rejected.• Other fields other than the accepted fields are not accepted
Failure	401 Unauthorized	If user is not signed, or the token has expired
Failure	403 Forbidden	If the room is taken during date and time or room number does not exist, room ranges from 1 to 300 or user attempts to make changes to activity that was not created by user.
Failure	404 Not Found	If activity_id does not exist
Failure	415 Unsupported Media Type	User sends data type that is not supported by the API

Response examples

- Datastore will automatically generate an ID and store it with entity that is created.
- Self attribute will contain a live link to the REST resource corresponding to the activity.

Success

```
Status 204 No Content
```

Failure

```
Status: 400 Bad Request
{
  "Error": "The request object is missing at least one of the required attributes."
}
```

Failure

```
Status 400 Bad Request
{
  "Error": "The request object has at least one attribute that is not allowed"
}
```

Failure

```
Status 401 Unauthorized
{
  "Error": "Missing Authorization token."
}
```

```
Status 403
{
  "Error": "You are not authorized to delete requested activity"
}
```

Failure

```
Status 403
{
  "Error": "The time overlaps with another activity. Please choose a different time."
}
```

Failure

```
Status 404
{
  "Error": "No activity with this id exists."
}
```

Failure

```
Status 415
{
  "Error": "Unsupported Media Type"
}
```

Delete an Activity

Allows you to delete a activity with authentication.

DELETE /activities/:activity_id

Request

Path Parameters

Name	Type	Description
activity_id	String	ID of the activity

Request Body

None

Response

No body

Response Body Format

Success: No body

Failure: JSON

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	
Failure	401 Unauthorized	If user attempts to delete activity without a token
Failure	403 Forbidden	If user has valid token activity is was not created by user, then return forbidden error
Failure	404 Not Found	No activity with this activity_id exists

Response Examples

Success

Status: 204 No Content

Failure

<pre>Status 401 { "Error": "Missing Authorization token." }</pre>

<pre>Status 403 { "Error": "You are not authorized to delete requested activity" }</pre>
--

<pre>Status: 404 Not Found { "Error": "No activity with this id exists." }</pre>
--

Create an Attendee

Post request to create an attendee

POST/attendees

Request

Path Parameters

None

Request Body

Required

Request Body Format

JSON

Request Accept Types:

application/JSON

Request JSON Attributes

Name	Type	Description	Required?
first_name	String	First name of attendee	Yes
last_name	String	Last name of attendee	Yes
phone_number	int	Phone number of attendee	Yes
email	String	Email of attendee	Yes

Request Body Example

```
{
  "first_name": "Joy",
  "last_name": "Day",
  "email": "maryday@esq.com",
  "phone": 6553333541
}
```

Response

Response Body Format:

JSON

Response Content-Type

Application/json

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	
Failure	400	<ul style="list-style-type: none">first_name and last_name must be stringsphone must be an integer with 10 digitsemail must be string
Failure	401 Unauthorized	If user is not signed, or the token has expired

Failure	403 Forbidden	If the attendee's first_name and last_name and email and phone is the exact same, an error will return indicating that the user already exists.
Failure	406 Not Acceptable	When user requests a Content-Type that is not supported by the endpoint. Application/Json is the only acceptable type the client can request in the Accept header
Failure	415 Unsupported Media Type	User sends data type that is not supported by the API

Response examples

- Datastore will automatically generate an ID and store it with entity that is created.
- Self attribute will contain a live link to the REST resource corresponding to the activity.

Success

Status: 201 Created

```
{
  "first_name": "Jane",
  "last_name": "Doe",
  "email": "janedoe@gmail.com",
  "phone": 6552302558,
  "id": "4693933435125760",
  "self": "http://localhost:8080/attendees/4693933435125760"
}
```

Failure

Status: 400 Bad Request

```
{
  "Error": "The request object is missing at least one of the required attributes."
}
```

Failure

Status 400 Bad Request

```
{
  "Error": "The request object has at least one attribute that is not allowed"
}
```

Failure

```
Status 401 Unauthorized
{
  "Error": "Missing Authorization token."
}
```

Failure

```
Status 406 Not Acceptable
{
  "Error": "Content type requested is not supported by API."
}
```

Failure

```
Status 415
{
  "Error": "Unsupported Media Type"
}
```

Get an Attendee

Get an existing attendee by id

GET /attendees/:attendee_id

Request

Path Parameters

Name	Type	Description
attendee_id	String	ID of the boat

Request Accept MIME Types:

application/JSON

Request Body

None

Response

Response Body Format

JSON

HTML

Response Content-Type

application/json

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	404 Not Found	No attendee with attendee_id exists
Failure	406 Not Acceptable	When the client requests a content type not supported by the API.

Response Examples

- Note: if activities were added to the attendee, num_activities and activities_list will not be part of the response.

Success:

Status 200

```
{
  "first_name": "Jane",
  "activity_list": [
    {
      "activity_id": "4623564690948096",
      "self": "http://localhost:8080/activities/4623564690948096"
    },
    {
      "activity_id": "4753547346313216",
      "self": "http://localhost:8080/activities/4753547346313216"
    }
  ]
}
```

```
],
  "email": "janedoe@gmail.com",
  "last_name": "Doe",
  "phone": 6552302558,
  "num_activities": 2,
  "id": "6716239321759744",
  "self": "http://localhost:8080/attendees/6716239321759744/6716239321759744"
}
```

Status 200

```
{
  "instructor": "auth0|60b55aea63019d0069dc3f25",
  "name": "Kids's Movie Night",
  "description": "Disney movies week.",
  "end": 1622701731,
  "start": 1622698131,
  "room": 33,
  "public": true,
  "id": "5749464597790720",
  "self": "http://localhost:8080/activities/5749464597790720"
}
```

Status 404 Not Found

```
{
  "Error": "No attendee with this id exists."
}
```


List all Attendees

Get a list of paginated attendees

GET /attendees

Request

Path Parameters

Name	Type	Description	Required?
limit	int	To specify number of boats to get	No
offset	int	To specify offset number	No

Request Body

None

Request Accept Types:

application/JSON

Response

Response Body Format

application/JSON

Response Statuses

Outcome	Status Code	Notes
Success	200	

Response Examples

Success

Status 200

```
{
  "next": "http://localhost:8080/attendees?limit=5&offset=5",
  "count": 6,
  "attendees": [
    {
      "email": "johndoe@esq.com",
      "activity_list": [
        {
          "activity_id": "4753547346313216",
          "self": "http://localhost:8080/activities/4753547346313216"
        }
      ],
      "phone": 5558881111,
      "last_name": "Doe",
      "first_name": "John",
      "id": "4569992624340992",
      "self": "http://localhost:8080/attendees/4569992624340992",
      "num_activities": 1
    },
    {
      "first_name": "Mary",
```

```

        "phone": 6553333541,
        "email": "maryday@esq.com",
        "last_name": "Day",
        "id": "5519570970345472",
        "self": "http://localhost:8080/attendees/5519570970345472"
    },
    {
        "first_name": "Jake",
        "email": "johndoe@esq.com",
        "phone": 6552522254,
        "last_name": "Doe",
        "id": "5879447253155840",
        "self": "http://localhost:8080/attendees/5879447253155840"
    },
    {
        "first_name": "Joy",
        "email": "maryday@esq.com",
        "last_name": "Day",
        "phone": 6553333541,
        "id": "6645470877188096",
        "self": "http://localhost:8080/attendees/6645470877188096"
    },
    {
        "first_name": "Sam",
        "last_name": "Doe",
        "phone": 6552522254,
        "email": "johndoe@esq.com",
        "id": "6664258272100352",
        "self": "http://localhost:8080/attendees/6664258272100352"
    }
]
}

```

Success

```

Status 200
{
    "next": "http://localhost:8080/attendees?limit=5&offset=5",
    "count": 6,
    "attendees": [
        {
            "last_name": "Doe",
            "first_name": "John",
            "phone": 5558881111,
            "email": "johndoe@esq.com",
            "id": "4569992624340992",
            "self": "http://localhost:8080/attendees/4569992624340992"
        },
    ],
}

```

```
{
  "email": "maryday@esq.com",
  "phone": 6553333541,
  "last_name": "Day",
  "first_name": "Mary",
  "id": "5519570970345472",
  "self": "http://localhost:8080/attendees/5519570970345472"
},
{
  "phone": 6552522254,
  "last_name": "Doe",
  "email": "johndoe@esq.com",
  "first_name": "Jake",
  "id": "5879447253155840",
  "self": "http://localhost:8080/attendees/5879447253155840"
},
{
  "last_name": "Day",
  "email": "maryday@esq.com",
  "first_name": "Joy",
  "phone": 6553333541,
  "id": "6645470877188096",
  "self": "http://localhost:8080/attendees/6645470877188096"
},
{
  "email": "johndoe@esq.com",
  "last_name": "Doe",
  "first_name": "Sam",
  "phone": 6552522254,
  "id": "6664258272100352",
  "self": "http://localhost:8080/attendees/6664258272100352"
}
]
```

Edit an Attendee (PUT)

Post request to edit an attendee

PUT /attendees/:attendee_id

Request

Path Parameters

Name	Type	Description
attendee_id	String	ID of the boat

Request Body

Required

Request Body Format

JSON

Request Accept Types:

application/JSON

Request JSON Attributes

Name	Type	Description	Required?
first_name	String	First name of attendee	Yes
last_name	String	Last name of attendee	Yes
phone_number	int	Phone number of attendee	Yes
email	String	Email of attendee	Yes

Request Body Example

```
{
  "first_name": "Joy",
  "last_name": "Day",
  "email": "maryday@esq.com",
  "phone": 6553333541
}
```

Response

Response Body Format:

JSON

Response Content-Type

Application/json

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	
Failure	400	The values of attributes must be of the correct type <ul style="list-style-type: none">first_name and last_name must be stringsphone must be an integer with 10 digits

		<ul style="list-style-type: none"> email must be string if fields other than first_name, last_name, phone and email are in the request. if any of the fields are missing, an error is returned .
Failure	401 Unauthorized	If user is not signed, or the token has expired
Failure	403 Forbidden	If the attendee's first_name and last_name and email and phone is the exact same as another attendee, an error will return indicating that the user already exists.
Failure	404 Not Found	If attendee_id does not exist
Failure	415 Unsupported Media Type	User sends data type that is not supported by the API

Response examples

- Datastore will automatically generate an ID and store it with entity that is created.
- Self attribute will contain a live link to the REST resource corresponding to the activity.

Success

Status 204 No Content

Failure

Status: 400 Bad Request <pre>{ "Error": "The request object is missing at least one of the required attributes." }</pre>

Failure

Status 400 Bad Request <pre>{ "Error": "The request object has at least one attribute that is not allowed" }</pre>

Failure

Status 401 Unauthorized <pre>{ "Error": "Missing Authorization token." }</pre>

Failure

Status 404 Not Found

```
{  
  "Error": "No attendee with this id exists."  
}
```

Failure

Status 415

```
{  
  "Error": "Unsupported Media Type"  
}
```

Edit an Attendee(PATCH)

Edit fields of attendee

PATCH /attendees/:attendee_id

Request

Path Parameters

Name	Type	Description
attendee_id	String	ID of the boat

Request Body

Required

Request Body Format

JSON

Request Accept Types:

application/JSON

Request JSON Attributes

Name	Type	Description	Required?
first_name	String	First name of attendee	No
last_name	String	Last name of attendee	No
phone_number	int	Phone number of attendee	No
email	String	Email of attendee	No

Request Body Example

```
{
  "first_name": "Joy",
  "last_name": "Day",
  "email": "maryday@esq.com",
  "phone": 6553333541
}
```

Response

Response Body Format:

JSON

Response Content-Type

Application/json

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	
Failure	400	The values of attributes must be of the correct type <ul style="list-style-type: none">first_name and last_name must be stringsphone must be an integer with 10 digits

		<ul style="list-style-type: none"> email must be string if fields other than first_name, last_name, phone and email are in the request, request is rejected. If the user sends an empty object, request is rejected
Failure	401 Unauthorized	If user is not signed, or the token has expired
Failure	403 Forbidden	If the attendee's first_name and last_name and email and phone is the exact same, an error will return indicating that the user already exists.
Failure	404 Not Found	If attendee_id does not exist
Failure	415 Unsupported Media Type	User sends data type that is not supported by the API

Response examples

- Datastore will automatically generate an ID and store it with entity that is created.
- Self attribute will contain a live link to the REST resource corresponding to the activity.

Success

Status 204 No Content

Failure

Status: 400 Bad Request <pre>{ "Error": "The request object is missing at least one of the required attributes." }</pre>

Failure

Status 400 Bad Request <pre>{ "Error": "The request object has at least one attribute that is not allowed" }</pre>

Failure

Status 401 Unauthorized <pre>{ "Error": "Missing Authorization token." }</pre>

Failure

Status 404 Not Found

```
{  
  "Error": "No attendee with this id exists."  
}
```

Failure

Status 415

```
{  
  "Error": "Unsupported Media Type"  
}
```

Delete an Attendee

Allows you to delete an attendee, will update activities that have attendee_id in attendee_list

DELETE /attendees/:attendee_id

Request

Path Parameters

Name	Type	Description
attendee_id	String	ID of the attendee

Request Body

None

Response

No body

Response Body Format

Success: No body

Failure: JSON

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	
Failure	401 Unauthorized	If user does not have a token
Failure	404 Not Found	No attendee with this activity_id exists

Response Examples

Success

Status: 204 No Content

Failure

Status 401 Unauthorized <pre>{ "Error": "Missing Authorization token." }</pre>

Failure

Status: 404 Not Found <pre>{ "Error": "No attendee with this id exists." }</pre>

Add an Attendee to an Activity

Assign an attendee to a class.

PUT/activities/:activity_id/attendees/:attendee_id

Request

Path Parameters

Name	Type	Description
activity_id	String	ID of the boat
attendee_id	String	ID of the load

Request Body

None

Response

No body

Response Body Format

Success: No body

Failure: JSON

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	Succeeds only if the user is authorized to make changes to the class and the activity_id and the attendee_id exist.
Failure	401 Unauthorized	Requests send without an auth token is rejected
Failure	403 Forbidden	Fails if attendee is already assigned the activity or the user is not authorized or activity does not belong to the user.
Failure	404 Not Found	No activity with this activity_id exists, and/or no attendee with this attendee_id exists.

Response Examples

Success

Status: 204 No Content

Failure

Status: 401 Forbidden

```
{
  "Error": "Missing Authorization token."
}
```

Failure

Status: 403 Forbidden

```
{  
  "Error": "The attendee is already registered for this activity."  
}
```

Failure

Status: 403 Forbidden

```
{  
  "Error": "You are not authorized to add attendees to this activity."  
}
```

Status: 404 Not Found

```
{  
  "Error": "No activity with this activity_id exists and/or attendee with this attendee_id."  
}
```

Remove an Attendee from an Activity

Assign an attendee to a class.

DELETE/activities/:activity_id/attendees/:attendee_id

Request

Path Parameters

Name	Type	Description
activity_id	String	ID of the boat
attendee_id	String	ID of the load

Request Body

None

Response

No body

Response Body Format

Success: No body

Failure: JSON

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	Succeeds only if the user is authorized to make changes to the class and the activity_id and the attendee_id exist.
Failure	401 Unauthorized	Requests send without an auth token is rejected
Failure	403 Forbidden	Fails if attendee is not assigned the activity or the user is not authorized or activity does not belong to the user.
Failure	404 Not Found	No activity with this activity_id exists, and/or no attendee with this attendee_id exists.

Response Examples

Success

Status: 204 No Content

Failure

Status: 401 Forbidden

```
{
  "Error": "Missing Authorization token."
}
```

Failure

Status: 403 Forbidden

```
{  
  "Error": "The attendee is already registered for this activity."  
}
```

Failure

Status: 403 Forbidden

```
{  
  "Error": "You are not authorized to add attendees to this activity."  
}
```

Status: 404 Not Found

```
{  
  "Error": "No activity with this activity_id exists and/or attendee with this attendee_id."  
}
```