

Final: API Spec

CS 493: Cloud Application Development

Spring 2021

Oregon State University

Last Update: June 2, 2021

By Ian Cairns

Link to Site: <https://assignment6-312700.wn.r.appspot.com>

This is the same link for the api's as well as to get the token. To get the token open the url in a browser.

Running the tests: There are two token fields in the environment variables. These are supposed to be tokens from two different accounts to test that other users don't have access to things that are not theirs. Please create two different accounts using two different google accounts and use the tokens from those two different accounts to run the tests.

Description: This api is meant to represent a shipping service where there are boats traveling that users can add their cargo to. The Load object represents cargo and has a description, volume, and fragile property that the user can set. The Load also has an owner property that represents the user who owns the boat. The owner property is the user id of one of the users. Only the owner can modify the load and add it to a boat or remove it from a boat. The boats are public and anyone can create a boat or update a boat. The boat object has a departureLocation, destination, and capacity. The capacity is the max sum of all volumes of loads it can carry. The api will make sure a load cannot be added to a boat if it cannot carry the added volume from the given load. The user is created when visiting the url in the browser. It uses the google JWT sub property for the user id and sets the first and last name based on the information provided from the google authentication. When using the api for loads the JWT authenticates the user and determines the user id from the sub property in the JWT.

Data model

Boat

Property Name	Notes
id	The id of the boat. Datastore automatically generates it.
departureLocation	(Required) String. Name of departure location
destination	(Required) String. Name of destination location
capacity	(Required) Integer. Amount of cargo the boat can hold. This is the max amount of all the loads volume attributes added together allowed on the boat
Loads	All loads on this boat. Cannot be set when creating the boat.

Load

Property Name	Notes
id	The id of the Load. Datastore automatically generates it.
volume	(Required) Integer. Volume the load takes up. The sum of all these volumes must be less than the capacity of the boat. The API will enforce no more

	loads can be added once the capacity is reached
carrier	Boat the load is on. Cannot be set during load creation.
fragile	(Required) Boolean. Indicates if the load is fragile
Owner	The id of the user who owns the load. Set based on token provided when creating the load.
Content	(Required) String. This describes the content of what is in the load.

User

Property Name	Notes
id	This is the sub from the google JWT
firstName	String. Obtained during oauth process.
lastName	String. Obtained during oauth process.

Create a Boat

Allows you to create a new boat.

POST /boats

Request

Path Parameters

None

Request Body

Required

Request Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Content-Type	application/json	Specifies the content being sent in the body is json	Yes
Accept	application/json	Specifies the content desired from the server should be json	Yes

Request JSON Attributes

Name	Type	Description	Required?
departureLocation	String	Departure Location	Yes
destination	String	Destination Location	Yes
capacity	Integer	Max sum of load volume it can carry	Yes

Request Body Example

```
{
  "departureLocation": "Portland",
  "destination": "Maine",
  "capacity": 28
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	
Failure	400 Bad Request	Can happen if not all parameters are supplied

Failure	415 Unsupported Media	If Content-Type header not set to application/json
Failure	406 Not Acceptable	If Accept header not set to application/json

Response Examples

Success

Status: 201 Created

```
{
  "id": "abc123",
  "departureLocation": "Portland",
  "destination": "Maine",
  "capacity": 28,
  "loads": [],
  "self": "https://assignment4-311302.wn.r.appspot.com/boats/abc123"
}
```

Failure

Status: 400 Bad Request

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

Failure

Status: 406 Not Acceptable

```
{
  "Error": "only json returned"
}
```

Failure

Status: 415 Unsupported Media

```
{
  "Error": "only json accepted"
}
```

Get a Boat

Allows you to get an existing boat

GET /boats/:boat_id

Request

Path Parameters

Name	Type	Description
boat_id	String	ID of the boat

Request Body

None

Response

Response Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Accept	application/json	Specifies the content desired from the server should be json	Yes

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	404 Not Found	No boat with this boat_id exists
Failure	406 Not Acceptable	If Accept header not set to application/json

Response Examples

Success

Status: 200 OK

```
{
  "id": "abc123",
  "departureLocation": "Portland",
  "destination": "Maine",
  "capacity": 28,
  "loads": [],
  "self": "https://assignment4-311302.wn.r.appspot.com/boats/abc123"
}
```

Failure

Status: 404 Not Found

```
{
  "Error": "No boat with this boat_id exists"
}
```

Failure

Status: 406 Not Acceptable

```
{  
  "Error": "only json returned"  
}
```

List all Boats

List all the boats. Has pagination and only has 5 boats per page. A next link is provided as well as a totalItems.

GET /boats

Request

Path Parameters

None

Request Body

None

Response

Response Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Accept	application/json	Specifies the content desired from the server should be json	Yes

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	406 Not Acceptable	Accept header not set to application/json

Response Examples

- Boats will be returned in the items array.
- There were only be a max of 3 boats returned. If there are more than 3 there will be a next value containing a link to the next set of boats. When there are no more boats the next link will not be sent.

Success

Status: 200 OK

```
{
  "items": [
    {
      "id": "abc123",
      "departureLocation": "Portland",
      "destination": "Maine",
      "capacity": 28,
      "loads": [],
      "self": "https://assignment4-311302.wn.r.appspot.com/boats/abc123"
    },
    {
```



```

    "id": "abc129",
    "departureLocation": "Portland",
    "destination": "Seattle",
    "capacity": 20,
    "loads": [],
    "self": "https://assignment4-311302.wn.r.appspot.com/boats/abc129"
  },
  {
    "id": "abc127",
    "departureLocation": "Seattle",
    "destination": "Portland",
    "capacity": 30,
    "loads": [],
    "self": "https://assignment4-311302.wn.r.appspot.com/boats/abc127"
  },
  {
    "id": "abc125",
    "departureLocation": "Tacoma",
    "destination": "Maine",
    "capacity": 22,
    "loads": [],
    "self": "https://assignment4-311302.wn.r.appspot.com/boats/abc125"
  },
  {
    "id": "abc124",
    "departureLocation": "San Diego",
    "destination": "Portland",
    "capacity": 28,
    "loads": [],
    "self": "https://assignment4-311302.wn.r.appspot.com/boats/abc124"
  }
],
  "next": "https://assignment6-312700.wn.r.appspot.com/boats?cursor=CjESK2oWendufmFzc2lnbm11bnQ0LTMxMTMwMnIR  
CxIEYm9hdBiAgICYxcebCgwYACAA",
  "totalItems": "7"
)

```

Failure

Status: 406 Not Acceptable

```

{
  "Error": "only json returned"
}

```

Edit a Boat

Allows you to edit a boat, but not all parameters are required.

PATCH /boats/:boat_id

Request

Path Parameters

Name	Type	Description
boat_id	String	ID of the boat

Request Body

Required

Request Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Content-Type	application/json	Specifies the content being sent in the body is json	Yes
Accept	application/json	Specifies the content desired from the server should be json	Yes

Request JSON Attributes

Name	Type	Description	Required?
departureLocation	String	Departure Location	No
destination	String	Destination Location	No
capacity	Integer	Max sum of load volume it can carry	No

Request Body Example

```
{
  "departureLocation": "Portland",
  "destination": "Maine"
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	400 Bad Request	Can happen if none of the parameters are supplied. Or if there is too much volume of load to set the capacity that low
Failure	406 Not Acceptable	If Accept header not set to application/json
Failure	415 Unsupported Media	If Content-Type header not set to application/json
Failure	404 Not Found	If boat id does not exist

Response Examples

Success

Status: 200 OK

```
{
  "id": "abc125",
  "departureLocation": "Portland",
  "destination": "Maine",
  "capacity": 22,
  "loads": [],
  "self": "https://assignment4-311302.wn.r.appspot.com/boats/abc125"
}
```

Failure

Status: 400 Bad Request

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

Failure

Status: 400 Bad Request

```
{
  "Error": "Too much cargo on this boat to set the capacity this low"
}
```

Status: 404 Not Found

```
{
  "Error": "No boat with this boat_id exists"
}
```

Status: 406 Not Acceptable

```
{
  "Error": "only json returned"
}
```

Status: 415 Unsupported Media

```
{
  "Error": "only json accepted"
}
```

Edit a Boat

Allows you to edit a boat, where all parameters are required.

PUT /boats/:boat_id

Request

Path Parameters

Name	Type	Description
boat_id	String	ID of the boat

Request Body

Required

Request Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Content-Type	application/json	Specifies the content being sent in the body is json	Yes
Accept	application/json	Specifies the content desired from the server should be json	Yes

Request JSON Attributes

Name	Type	Description	Required?
departureLocation	String	Departure Location	Yes
destination	String	Destination Location	Yes
capacity	Integer	Max sum of load volume it can carry	Yes

Request Body Example

```
{
  "departureLocation": "Portland",
  "destination": "Maine",
  "capacity": 29
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	400 Bad Request	Can happen if not all parameters are supplied. Or if there is too much volume of load to set the capacity that low
Failure	406 Not Acceptable	If Accept header not set to application/json
Failure	415 Unsupported Media	If Content-Type header not set to application/json
Failure	404 Not Found	If boat id does not exist

Response Examples

Success

Status: 200 OK

```
{
  "id": "abc125",
  "departureLocation": "Portland",
  "destination": "Maine",
  "capacity": 29,
  "loads": [],
  "self": "https://assignment4-311302.wn.r.appspot.com/boats/abc125"
}
```

Failure

Status: 400 Bad Request

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

Failure

Status: 400 Bad Request

```
{
  "Error": "Too much cargo on this boat to set the capacity this low"
}
```

Status: 404 Not Found

```
{
  "Error": "No boat with this boat_id exists"
}
```

Status: 406 Not Acceptable

```
{
  "Error": "only json returned"
}
```

Status: 415 Unsupported Media

```
{
  "Error": "only json accepted"
}
```

Delete a Boat

Allows you to delete a boat. Note that if the boat currently has loads, they will be unloaded.

DELETE /boats/:boat_id

Request

Path Parameters

Name	Type	Description
boat_id	String	ID of the boat

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	404 Not Found	No boat with this boat_id exists

Response Examples

Success

Status: 204 No Content

Failure

Status: 404 Not Found

```
{
  "Error": "No boat with this boat_id exists"
}
```

Create a Load

Allows you to create a new load.

POST /loads

Request

Path Parameters

None

Request Body

Required

Request Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Content-Type	application/json	Specifies the content being sent in the body is json	Yes
Accept	application/json	Specifies the content desired from the server should be json	Yes
Authorization	Bearer token/ JWT	JWT token from login with google account	Yes

Request JSON Attributes

Name	Type	Description	Required?
volume	Integer	Volume it can hold	Yes
content	String	Description of content	Yes
fragile	Boolean	Boolean determining if content is fragile	Yes

Request Body Example

```
{
  "volume": 3,
  "content": "apples",
  "fragile": "true"
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	
Failure	400 Bad Request	If the request is missing one of the attributes
Failure	401 Unauthorized	If token is not valid, not present, or user does not have account
Failure	415 Unsupported Media	If Content-Type header is not set to application/json

Failure	406 Not Acceptable	If Accept-Type header is not set to application/json
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Response Examples

Success

Status: 201 Created

```
{
  "id": 5678,
  "volume": 3,
  "carrier": null,
  "content": "apples",
  "fragile": "true",
  "self": "https://assignment4-311302.wn.r.appspot.com/loads/5678"
}
```

Failure

Status: 400 Bad Request

```
{
  "Error": "The request object is missing the required data"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "token is not present"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "token is not valid"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "This user does not have an account"
}
```

Status: 406 Not Acceptable

```
{
  "Error": "only json returned"
}
```


Status: 415 Unsupported Media

```
{  
  "Error": "only json accepted"  
}
```

Get a Load

Allows you to get an existing load. A JWT token is need to make sure the user owns the boat.

GET /loads/:load_id

Request

Path Parameters

Name	Type	Description
load_id	String	ID of the slip

Request Body

None

Response

Response Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Accept	application/json	Specifies the content desired from the server should be json	Yes
Authorization	Bearer token/ JWT	JWT token from login with google account	Yes

Response Statuses

Outcome	Status Code	Notes
Success	200 Ok	
Failure	404 Not Found	If the boat id is not found
Failure	401 Unauthorized	If token is not valid, not present, or user does not have account
Failure	406 Not Acceptable	If Accept-Type header is not set to application/json
Failure	403 Forbidden	If User is not the owner of the load

Response Examples

Success

Status: 200 OK
<pre>{ "id": 5678, "volume": 5, "carrier": null "content": "LEGO Blocks", "fragile": "true" "self": "https://assignment4-311302.wn.r.appspot.com/loads/5678" }</pre>

Failure

Status: 404 Not Found

```
{  
"Error": "No load with this load_id exists"  
}
```

Failure

Status: 401 Unauthorized

```
{  
"Error": "token is not present"  
}
```

Failure

Status: 401 Unauthorized

```
{  
"Error": "token is not valid"  
}
```

Failure

Status: 401 Unauthorized

```
{  
"Error": "This user does not have an account"  
}
```

Status: 406 Not Acceptable

```
{  
"Error": "only json returned"  
}
```

Status: 403 Forbidden

```
{  
"Error": "You are not the owner of this load"  
}
```

List all Loads

List all the loads. This has pagination and only shows 5 loads. It also gives a `totalItems` attribute that tells how many items there are. A JWT token is needed and only the loads owned by this user will be displayed

GET /loads

Request

Path Parameters

None

Request Body

None

Response

Response Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Accept	application/json	Specifies the content desired from the server should be json	Yes
Authorization	Bearer token/ JWT	JWT token from login with google account	Yes

Response Statuses

Outcome	Status Code	Notes
Success	200 Ok	
Failure	401 Unauthorized	If token is not valid, not present, or user does not have account
Failure	406 Not Acceptable	If Accept-Type header is not set to application/json

Response Examples

- Loads will be returned in the items array.
- There will only be a max of 3 loads returned. If there are more than 3 there will be a next value containing a link to the next set of loads. When there are no more loads the next link will not be sent.

Success

Status: 200 OK

```
{
  "items": [
    {
      "id": 5678,
      "volume": 5,
      "carrier": null,
      "content": "LEGO Blocks",
```

```

    "fragile": "true"
    "self": "https://assignment4-311302.wn.r.appspot.com/loads/5678"
  },
  {
    "id": 5677,
    "volume": 6,
    "carrier": null
    "content": "paper",
    "fragile": "true"
    "self": "https://assignment4-311302.wn.r.appspot.com/loads/5677"
  },
  {
    "id": 5676,
    "volume": 4,
    "carrier": null
    "content": "shoes",
    "fragile": "true"
    "self": "https://assignment4-311302.wn.r.appspot.com/loads/5676"
  },
  {
    "id": 5675,
    "volume": 3,
    "carrier": null
    "content": "toys",
    "fragile": "false"
    "self": "https://assignment4-311302.wn.r.appspot.com/loads/5675"
  },
  {
    "id": 5674,
    "volume": 9,
    "carrier": null
    "content": "cars",
    "fragile": "false"
    "self": "https://assignment4-311302.wn.r.appspot.com/loads/5674"
  }
],
  "next": "https://assignment6-312700.wn.r.appspot.com/loads?cursor=CjESK2oWendufmFzc2lnbm11bnQ0LTMxMTMwMnIRCxIEYm9hdBiAgICYxcebCgwYACAA",
  "totalItems": "7"
}

```

Failure

Status: 401 Unauthorized

```

{
  "Error": "token is not present"
}

```

Failure

Status: 401 Unauthorized

```
{  
"Error": "token is not valid"  
}
```

Failure

Status: 401 Unauthorized

```
{  
"Error": "This user does not have an account"  
}
```

Status: 406 Not Acceptable

```
{  
"Error": "only json returned"  
}
```

Edit a Load

Allows you to edit a load. This can take a subset of the attributes. A JWT token makes sure the user owns the load.

PATCH /loads/:load_id

Request

Path Parameters

None

Request Body

Required

Request Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Content-Type	application/json	Specifies the content being sent in the body is json	Yes
Accept	application/json	Specifies the content desired from the server should be json	Yes
Authorization	Bearer token/ JWT	JWT token from login with google account	Yes

Request JSON Attributes

Name	Type	Description	Required?
volume	Integer	Volume it can hold	No
content	String	Description of content	No
fragile	Boolean	Boolean determining if content is fragile	No

Request Body Example

```
{
  "volume": 3,
  "content": "apples"
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	
Failure	400 Bad Request	If the request is missing all of the attributes
Failure	401 Unauthorized	If token is not valid, not present, or user does not have account
Failure	415 Unsupported Media	If Content-Type header is not set to application/json

Failure	406 Not Acceptable	If Accept-Type header is not set to application/json
Failure	403 Forbidden	If User is not the owner of the load

Response Examples

Success

Status: 200 Created

```
{
  "id": 5678,
  "volume": 3,
  "carrier": null,
  "content": "apples",
  "fragile": "true",
  "self": "https://assignment4-311302.wn.r.appspot.com/loads/5678"
}
```

Failure

Status: 400 Bad Request

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

Failure

Status: 401 Unauthorized

```
{
  "Error": "token is not present"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "token is not valid"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "This user does not have an account"
}
```

Status: 406 Not Acceptable

```
{
  "Error": "only json returned"
}
```


Status: 415 Unsupported Media

```
{  
  "Error": "only json accepted"  
}
```

Status: 403 Forbidden

```
{  
  "Error": " You are not the owner of this load"  
}
```

Edit a Load

Allows you to edit a load. This takes all of the attributes. A JWT token makes sure the user owns the load.

PUT /loads/:load_id

Request

Path Parameters

None

Request Body

Required

Request Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Content-Type	application/json	Specifies the content being sent in the body is json	Yes
Accept	application/json	Specifies the content desired from the server should be json	Yes
Authorization	Bearer token/ JWT	JWT token from login with google account	Yes

Request JSON Attributes

Name	Type	Description	Required?
volume	Integer	Volume it can hold	No
content	String	Description of content	No
fragile	Boolean	Boolean determining if content is fragile	No

Request Body Example

```
{
  "volume": 3,
  "content": "apples",
  "fragile": "true"
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	
Failure	400 Bad Request	If the request is missing all of the attributes
Failure	401 Unauthorized	If token is not valid, not present, or user does not have account
Failure	415 Unsupported	If Content-Type header is not set to application/json

	Media	
Failure	406 Not Acceptable	If Accept-Type header is not set to application/json
Failure	403 Forbidden	If User is not the owner of the load

Response Examples

Success

Status: 200 Created

```
{
  "id": 5678,
  "volume": 3,
  "carrier": null,
  "content": "apples",
  "fragile": "true",
  "self": "https://assignment4-311302.wn.r.appspot.com/loads/5678"
}
```

Failure

Status: 400 Bad Request

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

Failure

Status: 401 Unauthorized

```
{
  "Error": "token is not present"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "token is not valid"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "This user does not have an account"
}
```

Status: 406 Not Acceptable

```
{
  "Error": "only json returned"
}
```

Status: 415 Unsupported Media

```
{  
  "Error": "only json accepted"  
}
```

Status: 403 Forbidden

```
{  
  "Error": "You are not the owner of this load"  
}
```

Delete a Load

Allows you to delete a load. If load is currently on a boat it will be unloaded and then deleted. A token is also required to make sure the user is the owner of the load.

DELETE /loads/:load_id

Request

Path Parameters

Name	Type	Description
load_id	String	ID of the load

Request Body

None

Response

No body

Response Body Format

Success: No body

Request Headers

Name	Values accepted	Description	Required?
Authorization	Bearer token/ JWT	JWT token from login with google account	Yes

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	
Failure	404 Not Found	No load with this load_id exists
Failure	401 Unauthorized	If token is not valid, not present, or user does not have account
Failure	403 Forbidden	If User is not the owner of the load

Response Examples

Success

Status: 204 No Content

Failure

Status: 404 Not Found

```
{
  "Error": "No load with this load_id exists"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "token is not present"
}
```

Failure

Status: 401 Unauthorized

```
{  
"Error": "token is not valid"  
}
```

Failure

Status: 401 Unauthorized

```
{  
"Error": "This user does not have an account"  
}
```

Status: 403 Forbidden

```
{  
"Error": " You are not the owner of this load"  
}
```

Add load to boat

Adds load to a boat. It takes a JWT token to make sure the user owns the load. It checks that there is space on the boat to add the load.

PUT /boats/:boat_id/loads/:load_id

Request

Path Parameters

Name	Type	Description
boat_id	String	ID of the boat
load_id	String	ID of the load

Request Body

None

Note: Set Content-Length to 0 in your request when calling out to this endpoint.

Response

No body

Response Body Format

Success: No body

Request Headers

Name	Values accepted	Description	Required?
Authorization	Bearer token/ JWT	JWT token from login with google account	Yes

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	Succeeds only if a boat exists and load is not already loaded
Failure	403 Forbidden	The load is already on a boat or if the user does not own the load
Failure	404 Not Found	No boat with this boat_id exists, and/or no load with this load_id exists.
Failure	401 Unauthorized	If token is not valid, not present, or user does not have account

Response Examples

Success

Status: 204 No Content

Failure

Status: 403 Forbidden

```
{
  "Error": "The specified load is already on a boat"
}
```

Status: 404 Not Found

```
{  
  "Error": "The specified boat and/or load does not exist"  
}
```

Status: 403 Forbidden

```
{  
  "Error": "You are not the owner of this load"  
}
```

Failure

Status: 401 Unauthorized

```
{  
  "Error": "token is not present"  
}
```

Failure

Status: 401 Unauthorized

```
{  
  "Error": "token is not valid"  
}
```

Failure

Status: 401 Unauthorized

```
{  
  "Error": "This user does not have an account"  
}
```


Remove load from a boat

Remove load from boat. Requires a JWT token to verify user owns load.

DELETE /boats/:boat_id/loads/:load_id

Request

Path Parameters

Name	Type	Description
boat_id	String	ID of the boat
load_id	String	ID of the load

Request Body

None

Note: Set Content-Length to 0 in your request when calling out to this endpoint.

Response

No body

Response Body Format

Success: No body

Request Headers

Name	Values accepted	Description	Required?
Authorization	Bearer token/ JWT	JWT token from login with google account	Yes

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	Succeeds only if a boat exists and load exists and is on that boat
Failure	403 Forbidden	The load is not on that boat or you are not the owner
Failure	404 Not Found	No boat with this boat_id exists, and/or no load with this load_id exists.
Failure	401 Unauthorized	If token is not valid, not present, or user does not have account

Response Examples

Success

Status: 204 No Content

Failure

Status: 403 Forbidden

```
{
  "Error": "The specified load is not on this boat"
}
```

Status: 404 Not Found

```
{  
  "Error": "The specified boat and/or load does not exist"  
}
```

Status: 403 Forbidden

```
{  
  "Error": "You are not the owner of this load"  
}
```

Failure

Status: 401 Unauthorized

```
{  
  "Error": "token is not present"  
}
```

Failure

Status: 401 Unauthorized

```
{  
  "Error": "token is not valid"  
}
```

Failure

Status: 401 Unauthorized

```
{  
  "Error": "This user does not have an account"  
}
```

List all Users

List all the users.

GET /users

Request

Path Parameters

None

Request Body

None

Response

Response Body Format

JSON

Request Headers

Name	Values accepted	Description	Required?
Accept	application/json	Specifies the content desired from the server should be json	Yes

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	406 Not Acceptable	Accept header not set to application/json

Success

Status: 200 OK

```
[{
  "firstName": "Ian Dahl",
  "lastName": "Cairns",
  "id": "105843487901399347155"
},
{
  "lastName": "Cairns",
  "firstName": "Ian",
  "id": "113453351975271377163"
}]
```

Failure

Status: 406 Not Acceptable

```
{
  "Error": "only json returned"
}
```