

Final: API Spec

CS 493: Cloud Application Development

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Application URL: <https://comminsfinal.appspot.com>

Login URL: <https://comminsfinal.appspot.com>

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Non-User Entity Descriptions

Boat

Attributes

Name	Type	Description	Stored in Database?
name	String	The name of the Boat. Must be unique. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	Yes
type	String	The type of the Boat. E.g., Sailboat, Catamaran, etc. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	Yes
length	Integer	Length of the Boat in feet. Must be positive.	Yes
loads	Array	Array containing the 'id' attributes of one or more Load entities associated with the Boat. Can be empty.	Yes
owner	String	The identifier of the User entity that created the Boat.	Yes
id	String	Unique identifier for the Boat.	Yes
self	String	URL where the Boat is located.	No

Relationships

The Boat entity has a one-to-many relationship with the Load entity. One or more Loads can be associated with a single Boat, but each Load can only be associated with a single Boat.

The Boat entity has a many-to-one relationship with the User entity. One or more boats can be associated with a single User, but each Boat can only be associated with a single User.

Load

Attributes

Name	Type	Description	Stored in Database?
weight	Integer	The weight of the load. Must be positive.	Yes
content	String	The contents of the load.	Yes

		<p>Must be 1-28 characters.</p> <p>Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.</p>	
delivery_date	String	The date the load is due to be delivered	Yes
carrier	String	<p>The 'id' attribute of the Boat associated with the Load.</p> <p>Can be null.</p>	Yes
id	String	Unique identifier for the Load.	Yes
self	String	URL where the Load is located.	No

Relationships

The Load entity has a many-to-one relationship with the Boat entity. One or more Loads can be associated with a single Boat, but each Load can only be associated with a single Boat.

User Entity Model

User Identification

A user is identified by the 'sub' value of the JSON Web Token received when a user logs in through Google from the Login URL.

Users should supply the JWT in the Authorization header of requests that access resources managed by the user.

In order to GET all Boats created by a user, a ':user_id' parameter must be supplied in the request containing the 'sub' attribute from the JWT.

Relationships

The User entity has a one-to-many relationship with the Boat entity. One or more boats can be associated with a single User, but each Boat can only be associated with a single User. When a Boat is created, the identifier of the creating user can be found in the 'owner' attribute of the Boat.

Create a boat

POST /boats

Request

Request Parameters

None

Request Body

Required

Request Body Format

JSON

Request Authorization

Bearer Token (JWT)

Request JSON Attributes

Name	Type	Description	Required?
name	String	The name of the boat. Must be unique. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	Yes
type	String	The type of the boat. E.g., Sailboat, Catamaran, etc. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	Yes
length	Integer	Length of the boat in feet. Must be positive.	Yes

Request Body Example

```
{  
  "name": "Shape",  
  "type": "Yatch",  
  "length": 99  
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	A new boat was created with the given attributes. Attributes other than those above are ignored.
Failure	400 Bad Request	If the request is missing any of the 3 required attributes or any of them are invalid, the boat is not created.
Failure	401 Unauthorized	The JWT is missing, invalid, or the 'sub' attribute in the JWT does not match the 'owner' attribute of the boat.
Failure	403 Forbidden	The given name attribute already exists on another boat
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 201 Created

```
{
  "name": "Shape",
  "type": "Yatch",
  "loads": [],
  "length": 99,
  "owner": "104384644578499349548",
  "id": "4790047639339008",
  "self": "https://comminsfinal.appspot.com/boats/4790047639339008"
}
```

Failure

Status: 400 Bad Request

```
{
  "Error": "The request object has at least one missing or invalid attribute"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "Could not find a boat with the given id belonging to the owner in the JWT."
}
```

Failure

Status: 403 Forbidden

```
{
```

```
"Error": "The name attribute of the request object is not unique"
}
```

Failure

Status: 406 Not Acceptable

```
{
  "Error": "The requested response media type is not supported"
}
```

View all boats

Returns all boats in the database. Does not require authorization. Lists first five entries and a URL to the next five entries. Lists total number of entries in boat collection.

GET /boats

Request

Request Parameters

None

Request Body

None

Request Authorization

None

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 200 OK

```
{
  "items": [
    {
      "name": "Shape",
      "type": "Yatch",
      "loads": [],
      "length": 99,
      "owner": "104384644578499349548",
      "id": "4790047639339008",
      "self": "https://comminsfinal.appspot.com/boats/4790047639339008"
    },
    {
      "length": 99,
      "owner": "104384644578499349548",
      "name": "Odyssey",
      "type": "Yatch",
      "loads": [],
      "id": "5667370274127872",

```



```

      "self": "https://comminsfinal.appspot.com/boats/5667370274127872"
    },
    {
      "name": "Argo",
      "type": "Yatch",
      "loads": [],
      "length": 99,
      "owner": "104384644578499349548",
      "id": "5715789755711488",
      "self": "https://comminsfinal.appspot.com/boats/5715789755711488"
    },
    {
      "owner": "104384644578499349548",
      "name": "Iliad",
      "type": "Yatch",
      "loads": [],
      "length": 99,
      "id": "5742796208078848",
      "self": "https://comminsfinal.appspot.com/boats/5742796208078848"
    },
    {
      "owner": "104384644578499349548",
      "name": "Aeneid",
      "type": "Yatch",
      "loads": [],
      "length": 99,
      "id": "5746055551385600",
      "self": "https://comminsfinal.appspot.com/boats/5746055551385600"
    }
  ],
  "entries": 6,
  "next": "http://comminsfinal.appspot.com/boats?cursor=CikSI2oObX5jb21taW5zZmluYWxyEQsSBEJvYXQYgICAgJ3AmgoMGAAGAA=="
}

```

Failure

Status: 406 Not Acceptable

```

{
  "Error": "The requested response media type is not supported"
}

```

View a boat

Retrieve a single boat.

GET /boats/:id

Request

Request Parameters

Name	Type	Description	Required?
id	String	ID of the boat	Yes

Request Body

None

Request Authorization

Bearer Token (JWT)

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	401 Unauthorized	The JWT is missing, invalid, or the 'sub' attribute in the JWT does not match the 'owner' attribute of the boat.
Failure	404 Not Found	No boat with this id exists
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 200 OK

```
{
  "length": 99,
  "owner": "104384644578499349548",
  "name": "Odyssey",
  "type": "Yatch",
  "loads": [
    "5106919723237376"
  ],
  "self": "https://comminsfinal.appspot.com/boats/5667370274127872",
  "id": "5667370274127872"
}
```

Failure

Status: 401 Unauthorized

```
{  
  "Error": "Could not find a boat with the given id belonging to the owner in the  
  JWT."  
}
```

Failure

Status: 404 Not Found

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

Failure

Status: 406 Not Acceptable

```
{  
  "Error": "The requested response media type is not supported"  
}
```

Patch a boat

Edit one or more attributes of an existing boat.

PATCH /boats/:id

Request

Request Parameters

Name	Type	Description	Required?
id	String	ID of the boat	Yes

Request Body

Required

Request Body Format

JSON

Request Authorization

Bearer Token (JWT)

Request JSON Attributes

Name	Type	Description	Required?
name	String	The name of the boat. Must be unique. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	No
type	String	The type of the boat. E.g., Sailboat, Catamaran, etc. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	No
length	Integer	Length of the boat in feet. Must be positive.	No

Request Body Example

```
{
  "type": "Catamaran",
  "length": 28
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	Attributes other than those above and empty/null values are ignored.
Failure	400 Bad Request	If an attribute is invalid, the boat is not created.
Failure	401 Unauthorized	The JWT is missing, invalid, or the 'sub' attribute in the JWT does not match the 'owner' attribute of the boat.
Failure	403 Forbidden	The given name attribute already exists on another boat
Failure	404 Not Found	No boat with this id exists
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 200 OK

```
{
  "length": 28,
  "owner": "104384644578499349548",
  "name": "Odyssey",
  "type": "Catamaran",
  "loads": [
    "5106919723237376"
  ],
  "self": "https://comminsfinal.appspot.com/boats/5667370274127872",
  "id": "5667370274127872"
}
```

Failure

Status: 400 Bad Request

```
{
  "Error": "The request object has at least one missing or invalid attribute"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "Could not find a boat with the given id belonging to the owner in the JWT."
}
```

Failure

Status: 403 Forbidden

```
{  
"Error": "The name attribute of the request object is not unique"  
}
```

Failure

Status: 404 Not Found

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

Failure

Status: 406 Not Acceptable

```
{  
"Error": "The requested response media type is not supported"  
}
```

Put a boat

Allows you to create a new boat to replace a boat with the given id. The URL of the new boat is stored in the Location header of the response. Transfers the Loads associated with the old boat to the new boat.

PUT /boats/:id

Request

Request Parameters

Name	Type	Description	Required?
id	String	ID of the boat	Yes

Request Body

Required

Request Body Format

JSON

Request Authorization

Bearer Token (JWT)

Request JSON Attributes

Name	Type	Description	Required?
name	String	The name of the boat. Must be unique. Must be 1-28 characters. Can be the same as the current name of the boat being replaced. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	Yes
type	String	The type of the boat. E.g., Sailboat, Catamaran, etc. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	Yes
length	Integer	Length of the boat in feet. Must be positive.	Yes

Request Body Example

```
{
  "name": "Sea Witch",
  "type": "Catamaran",
  "length": 28
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	303 See Other	The boat with the given id was overwritten successfully with a new boat. The location of the new boat is specified in the 'Location' header of the response.
Failure	400 Bad Request	If the request is missing any of the 3 required attributes or any of them are invalid, the boat is not created.
Failure	401 Unauthorized	The JWT is missing, invalid, or the 'sub' attribute in the JWT does not match the 'owner' attribute of the boat.
Failure	403 Forbidden	The given name attribute already exists on another boat
Failure	404 Not Found	No boat with this id exists
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 303 See Other

```
{
  "length": 28,
  "owner": "104384644578499349548",
  "name": "Sea Witch",
  "type": "Catamaran",
  "loads": [
    "5106919723237376"
  ],
  "self": "https://comminsfinal.appspot.com/boats/5667370274127872",
  "id": "5667370274127872"
}
```

Failure

Status: 400 Bad Request

```
{
  "Error": "The request object has at least one missing or invalid attribute"
}
```

Failure

Status: 401 Unauthorized

```
{
  "Error": "Could not find a boat with the given id belonging to the owner in the JWT."
}
```


Failure

Status: 403 Forbidden

```
{  
"Error": "The name attribute of the request object is not unique"  
}
```

Failure

Status: 404 Not Found

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

Failure

Status: 406 Not Acceptable

```
{  
"Error": "The requested response media type is not supported"  
}
```

Delete a boat

DELETE /boats/:id

Request

Request Parameters

None

Request Body

None

Request Authorization

Bearer Token (JWT)

Response

No body

Response Body Format

Success: No body

Failure: JSON

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	
Failure	401 Unauthorized	The JWT is missing, invalid, or the 'sub' attribute in the JWT does not match the 'owner' attribute of the boat.
Failure	404 Not Found	No boat with this id exists

Response Examples

Success

Status: 204 No Content

Failure

Status: 401 Unauthorized

```
{
  "Error": "Could not find a boat with the given id belonging to the owner in the JWT."
}
```

Failure

Status: 404 Not Found

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

Create a load

POST /loads

Request

Request Parameters

None

Request Body

Required

Request Body Format

JSON

Request JSON Attributes

Name	Type	Description	Required?
weight	Integer	The weight of the load. Must be positive.	Yes
content	String	The contents of the load. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	Yes
delivery_date	String	The date the load is due to be delivered	Yes

Request Body Example

```
{  
  "weight": 1,  
  "content": "marbles",  
  "delivery_date": "01/01/01"  
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	201 Created	
Failure	400 Bad Request	If the request is missing either of the 2 required attributes, the load is not created..
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 201 Created

```
{
  "id": "5678164130922496",
  "weight": 1,
  "content": "marbles",
  "delivery_date": "01/01/01",
  "carrier": null,
  "self": "https://comminsfinal.appspot.com/loads/5678164130922496"
}
```

Failure

Status: 400 Bad Request

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

Failure

Status: 406 Not Acceptable

```
{
  "Error": "The requested response media type is not supported"
}
```

View all loads

Returns all loads in the database. Lists first five entries and a URL to the next five entries. Lists total number of entries in load collection.

GET /loads

Request

Request Parameters

None

Request Body

None

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 200 OK

```
{
  "items": [
    {
      "content": "a sandwich",
      "weight": 40,
      "delivery_date": "03/03/03",
      "carrier": null,
      "id": "4860816083910656",
      "self": "https://comminsfinal.appspot.com/loads/4860816083910656"
    },
    {
      "content": "gravel",
      "weight": 3,
      "delivery_date": "04/04/04",
      "carrier": null,
      "id": "5080222944722944",
      "self": "https://comminsfinal.appspot.com/loads/5080222944722944"
    },
    {
      "delivery_date": "05/10/15",
```

```
    "carrier": "5667370274127872",
    "content": "apples",
    "weight": 12,
    "id": "5106919723237376",
    "self": "https://comminsfinal.appspot.com/loads/5106919723237376"
  },
  {
    "content": "heavier marbles",
    "weight": 2,
    "delivery_date": "02/02/02",
    "carrier": null,
    "id": "5137355874762752",
    "self": "https://comminsfinal.appspot.com/loads/5137355874762752"
  },
  {
    "content": "Gumballs",
    "weight": 6,
    "delivery_date": "06/07/08",
    "carrier": null,
    "id": "5139217877303296",
    "self": "https://comminsfinal.appspot.com/loads/5139217877303296"
  }
],
"entries": 6,
"next":
"http://comminsfinal.appspot.com/loads?cursor=CikSI2o0bX5jb21taW5zZmluYWxyEQsSBExvYWQYgICAwP
bCkAkMGAAGAA=="
}
```

Failure

Status: 406 Not Acceptable

```
{
  "Error": "The requested response media type is not supported"
}
```

View a load

GET /loads/:id

Request

Request Parameters

Name	Type	Description	Required?
id	String	ID of the load	Yes

Request Body

None

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	404 Not Found	No load with this id exists
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 200 OK

```
{
  "id": "123abc",
  "weight": 1
  "carrier": "abc123",
  "content": "marbles",
  "delivery_date": "01/01/01",
  "self": "https://comminsfinal.appspot.com/loads/123abc"
}
```

Failure

Status: 404 Not Found

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

Failure

Status: 406 Not Acceptable

```
{
  "Error": "The requested response media type is not supported"
}
```

Patch a load

Edit one or more attributes of an existing load.

PATCH /loads/:id

Request

Request Parameters

Name	Type	Description	Required?
id	String	ID of the load	Yes

Request Body

Required

Request Body Format

JSON

Request JSON Attributes

Name	Type	Description	Required?
weight	Integer	The weight of the load. Must be positive.	No
content	String	The contents of the load. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	No
delivery_date	String	The date the load is due to be delivered	No

Request Body Example

```
{
  "weight": 80,
  "content": "Marshmallows"
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	Attributes other than those above and empty/null values are ignored.
Failure	400 Bad Request	If an attribute is invalid, the load is not created.
Failure	403 Forbidden	The given name attribute already exists on another load
Failure	404 Not Found	No load with this id exists

Failure	406 Not Acceptable	Client asks for response media type the server cannot offer
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Response Examples

Success

Status: 200 OK

```
{
  "id": 5678164130922496,
  "weight": 80,
  "content": "Marshmallows",
  "delivery_date": "01/01/01",
  "self": "https://comminsfinal.appspot.com/loads/5678164130922496"
}
```

Failure

Status: 400 Bad Request

```
{
  "Error": "The request object has at least one missing or invalid attribute"
}
```

Failure

Status: 403 Forbidden

```
{
  "Error": "The name attribute of the request object is not unique"
}
```

Failure

Status: 404 Not Found

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

Failure

Status: 406 Not Acceptable

```
{
  "Error": "The requested response media type is not supported"
}
```

Put a load

Allows you to create a new load to replace a load with the given id. The URL of the new load is stored in the Location header of the response.

PUT /boats/:id

Request

Request Parameters

Name	Type	Description	Required?
id	String	ID of the load	Yes

Request Body

Required

Request Body Format

JSON

Request JSON Attributes

Name	Type	Description	Required?
weight	Integer	The weight of the load. Must be positive.	Yes
content	String	The contents of the load. Must be 1-28 characters. Only alphanumeric characters and whitespaces are allowed. Whitespaces cannot be the first character or the only character.	Yes
delivery_date	String	The date the load is due to be delivered	Yes

Request Body Example

```
{
  "weight": 12,
  "content": "apples",
  "delivery_date": "05/10/15"
}
```

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	303 See Other	The boat with the given id was overwritten successfully with a new boat. The location of the new boat is specified in the 'Location' header of the response.

Failure	400 Bad Request	If the request is missing any of the 3 required attributes or any of them are invalid, the boat is not created.
Failure	403 Forbidden	The given name attribute already exists on another boat
Failure	404 Not Found	No boat with this id exists
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 303 See Other

```
{
  "id": 5678164130922496,
  "weight": 12,
  "content": "apples",
  "delivery_date": "05/10/15",
  "self": "https://comminsfinal.appspot.com/loads/5678164130922496"
}
```

Failure

Status: 400 Bad Request

```
{
  "Error": "The request object has at least one missing or invalid attribute"
}
```

Failure

Status: 403 Forbidden

```
{
  "Error": "The name attribute of the request object is not unique"
}
```

Failure

Status: 404 Not Found

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

Failure

Status: 406 Not Acceptable

```
{
  "Error": "The requested response media type is not supported"
}
```

Delete a load

DELETE /loads/:id

Request

Request Parameters

None

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 load with this id exists
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 204 No Content

Failure

Status: 404 Not Found

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

Failure

Status: 406 Not Acceptable

```
{
  "Error": "The requested response media type is not supported"
}
```

View all loads of a given boat

GET /boats/:id/loads

Request

Request Parameters

None

Request Body

None

Request Authorization

Bearer Token (JWT)

Response

Response Body Format

JSON

Response Statuses

Outcome	Status Code	Notes
Success	200 OK	
Failure	401 Unauthorized	The JWT is missing, invalid, or the 'sub' attribute in the JWT does not match the 'owner' attribute of the boat.
Failure	404 Not Found	No boat with this id exists.
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

```
Status: 200 OK
{
  [
    {
      "id": "123abc",
      "weight": 1,
      "carrier": "abc123",
      "content": "marbles",
      "delivery_date": "01/01/01",
      "self": "https://comminsfinal.appspot.com/loads/123abc"
    },
    {
      "id": "456def",
      "weight": 2,
      "carrier": null,
      "content": "heavier marbles",
      "delivery_date": "02/02/02",
      "self": "https://comminsfinal.appspot.com/loads/456def"
    }
  ]
}
```

Failure

Status: 401 Unauthorized

```
{  
"Error": "Could not find a boat with the given id belonging to the owner in the  
JWT."  
}
```

Failure

Status: 404 Not Found

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

Failure

Status: 406 Not Acceptable

```
{  
"Error": "The requested response media type is not supported"  
}
```

Assign a load to a boat

PUT /boats/:bid/:lid

Request

Request Parameters

None

Request Body

None

Note: You will need to set Content-Length to 0 in your request when calling out to this endpoint.

Response

No body

Response Body Format

Success: No body

Failure: JSON

Request Authorization

Bearer Token (JWT)

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	Succeeds only if a boat exists with this bid, a load exists with this lid and the load is not already assigned to another boat.
Failure	401 Unauthorized	The JWT is missing, invalid, or the 'sub' attribute in the JWT does not match the 'owner' attribute of the boat.
Failure	403 Forbidden	The load is already assigned to a boat.
Failure	404 Not Found	No boat with this bid exists, and/or no load with this lid exists.
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 204 No Content

Failure

Status: 401 Unauthorized

```
{
  "Error": "Could not find a boat with the given id belonging to the owner in the JWT."
}
```

Failure

Status: 403 Forbidden

```
{  
"Error": "The load is already assigned to a boat"  
}
```

Failure

Status: 404 Not Found

```
{  
"Error": "The specified boat and/or load don't exist"  
}
```

Failure

Status: 406 Not Acceptable

```
{  
"Error": "The requested response media type is not supported"  
}
```


Remove a load from a boat

DELETE /boats/:bid/:lid

Request

Request Parameters

None

Request Body

None

Request Authorization

Bearer Token (JWT)

Response

No body

Response Body Format

Success: No body

Failure: JSON

Response Statuses

Outcome	Status Code	Notes
Success	204 No Content	Succeeds only if a boat exists with this bid, a load exists with this lid and this load is assigned to this boat.
Failure	401 Unauthorized	The JWT is missing, invalid, or the 'sub' attribute in the JWT does not match the 'owner' attribute of the boat.
Failure	404 Not Found	No boat with this bid is at the load with this lid.
Failure	406 Not Acceptable	Client asks for response media type the server cannot offer

Response Examples

Success

Status: 204 No Content

Failure

Status: 401 Unauthorized

```
{
  "Error": "Could not find a boat with the given id belonging to the owner in the JWT."
}
```

Failure

Status: 404 Not Found

```
{
  "Error": "No boat with this bid has a load with this lid"
}
```

Failure

Status: 406 Not Acceptable

```
{  
"Error": "The requested response media type is not supported"  
}
```

Get all boats from a user

Get all boats that have been created by a user.

GET /users/:user_id/:boats

Request

Request Parameters

Name	Type	Description	Required?
user_id	String	ID of the user	Yes

Request Body

None

Request Authorization

Bearer Token (JWT)

Response

Response Body Format

JSON