General explanation of program:

1. Non User entities will be the boat and load. There is also a user entity.
2. The user_id will be the sub presented in the screen from the jwt
3. The relationship between users/boats is one user can hold many boats thus one to many. So like the loads/boat.
4. Boat: Three unique properties, a user property which is the boat that owns it and a loads property which are the loads the boat currently has
5. User: just id, user_id(sub value from JWT), boat(any boat the user owns), and the self link property
6. Load: Has several properties plus the carrier which is the boat that the load is currently on

Postman Test Order:

Postman Tests:
1. **NOTE– Exceptions means invalid JWT, invalid id, wrong user JWT, missing JWT..**
2. Test PUT boat, then PATCH boat with load, then PATCH boat w/o load, then DELETE boat
   a. POST /boats/ and POST /loads/ + exceptions
   b. GET boat/load/users + exceptions
   c. PUT boat + exceptions   ~ PUT just created load
   d. GET boat/load/users
   e. DELETE /boats/:id//loads/:id   ~ take load off boat
   f. GET boat/load/users
   g. PATCH boat + exceptions   ~ PATCH with load
   h. GET boat/load/users
   i. PATCH boat + exceptions   ~ PATCH w/o load
   j. GET boat/load/users
   k. DELETE load + exceptions
   l. GET boat/load/users
2. Test POST Boats/loads. then put load on boat with PUT /boats/:id//loads/:id, then remove load from boat with DELETE /boats/:id//loads/:id
   a. POST /boats/ and POST /loads/
   b. GET boat/load/users
   c. PUT /boats/:id//loads/:id + exceptions   ~ PUT just created load
   d. GET boat/load/users
   e. DELETE /boats/:id//loads/:id + exceptions
   f. GET boat/load/users
3. Test PUT load, then PATCH load with carrier, then PATCH boat w/o carrier, then DELETE load
   a. POST /boats/ and POST /loads/
   b. GET boat/load/users
   c. PUT /loads/:id + exceptions   ~ PUT with carrier

       d. GET boat/load/users
       e. DELETE /boats/:id//loads/:id   ~ take load off boat
       f. GET boat/load/users
       g. PATCH /loads/:id + exceptions   ~ PATCH with carrier
       h. GET boat/load/users
       i. PATCH /loads/:id   ~ PATCH w/o carrier
       j. GET boat/load/users
       k. DELETE /loads/:id + exceptions
       l. GET boat/load/users
4. Test GET collections: /boats, /loads, /users
       a. POST /boats/ and POST /loads/ x 7
       b. GET /boats + pagination/quantity + exceptions
       c. GET /loads + pagination/quantity + exceptions
       d. GET /users + exceptions