Rotas

**House**

GET /houses/{id}

GET /users/{username}/houses

POST /houses

PUT /houses/{id} -> name, characteristics

DELETE /houses/{id}

Procedimentos:

DELETE -> eliminar todas as tabelas;

**User**

GET /houses/{id}/users

GET /users/{username}

PUT /houses/{id}/users/{username} -> associate or modify (administrator)

PUT /users/{usernaname} -> create user or modify if exists (name, age, password)

DELETE /users/{username}

Procedimentos:

DELETE -> eliminar as userlists;

**Allergy**

GET /allergies

GET /houses/{id}/allergies

GET /houses/{id}/allergies/{allergen}/items

PUT /houses/{id}/allergies/{allergen} -> associate allergen to house or modify if exists (allergicsNum)

DELETE /houses/{id}/allergies/{allergen}

**List**

GET /houses/{id}/lists -> sistema, próprio user e as que os outros users partilharam

?sistema=true&user=xxxx&shareable=false

?filter={system, myLists, shared}

GET /houses/{id}/lists/{id}

GET /houses/{id}/lists/{id}/products

POST /houses/{id}/users/{username}/lists

PUT /houses/{id}/users/{username}/lists/{id} -> name, shareable

PUT /houses/{id}/lists/{id}/products/{id} -> associa ou modifica (brand, quantity)

DELETE /houses/{id}/users/{username}/lists/{id}

DELETE /houses/{id}/lists/{id}/products/{id}

Procedimentos:

DELETE -> Eliminar da tabela userList e da associação entre userList e user;

**Category**

GET /categories ?name=xxxxx

GET /categories/{id}

**Product**

GET /categories/{id}/products ?name=xxxx

GET /categories/{id}/products/{id}

**StockItem**

GET /houses/{id}/items ?product=xxxx e/ou brand=xxxx e/ou variety=xxx e/ou segment=xxxx e/ou storage=xxxx

GET /houses/{id}/items/{sku}

POST /houses/{id}/items

PUT /houses/{id}/items/{sku} -> quantity, conservationStorage

Procedimentos:

PUT -> incremento da quantidade quando existe uma entrada e decremento da quantidade quando existe uma saída;

DELETE -> procedimento ao fim de x tempo quando a quantidade é 0 elimina-se e os movimentos associados.

**Storage**

GET /houses/{id}/storages

GET /houses/{id}/storages/{id}/items

GET /houses/{id}/storages/{id}/movements

POST /houses/{id}/storages

PUT /houses/{id}/storages/{id} -> temperature, name

DELETE /houses/{id}/storages/{id}

Procedimentos:

DELETE ->eliminar storage + movements desse storage e as associações de storage com stockItem

**StockItemMovement**

POST /houses/{id}/storages/{id}/items/{sku}/movements ?type=xxxx&dateTime=xxxx&quantity=xxxx (ou em route parameters?)