Labman APIs

**API: /borrow**

* Method: GET
* Description: Get list of all outed devices.
* Parameters: none
* Response:
  + borrow object:
    - borrow\_id (integer, required): The ID of the borrowing.
    - user\_id:
    - user\_name (string, optional): who is borrowing the equipment.
    - type\_id:
    - type\_name (string, optional): the equipment type to borrow.
    - borrow\_amount(integer, optional): should be 1.
    - return\_date(datetime,optional): The updated due date of the return.
    - status(int):

**API: /borrow/search**

* Method: GET
* Description: Get list of the certain queries of borrowings.
* Parameters:
  + query (string, required):.
* Response:
  + request object:
    - borrow\_id (integer, required): The ID of the borrowing.
    - user\_id:
    - user\_name (string, optional): who is borrowing the equipment.
    - type\_id:
    - type\_name (string, optional): the equipment type to borrow.
    - borrow\_amount(integer, optional):
    - return\_date(datetime,optional): The updated due date of the return.
    - status(int):

**API: /borrow/return**

* Method: POST
* Description: change the status of the borrowing request to be returned,and insert an action log into the eqpmt log table.
* Parameters:
  + id (integer, required): The ID of the borrowing request.
* inner function:
  + increase the available amount of the returned device type.
  + if available amount equals total amount, update ‘removable’ in equipment\_type table to be 1.
  + insert a log into equipment log table
* Response:
  + message (string): A message indicating whether the status was edited successfully or not.

**API: /borrow/return/cancel**

* Method: POST
* Description: change the status of the borrowing request to be returned,and insert an action log into the eqpmt log table.
* Parameters:
  + id (integer, required): The ID of the borrowing request.
* inner function:
  + reduce the available amount of the returned device type.
  + insert a log into equipment log table
* Response:
  + message (string): A message indicating whether the status was edited successfully or not.