Action: Login

POST /api.php

PARAMS:

Parameter Description Value/Type

method Determines the action that will be taken. “login”

user Username for the login. String

password Password for the login String

Return:

1 – Logged in

0 – Not logged in

Action: Logout

GET /api.php

PARAMS:

Parameter Description Value/Type

method Determines the action that will be taken. “logout”

Return:

None

Action: Create/send request

POST /api.php

PARAMS:

Parameter Description Value/Type

method Determines the action that will be taken. “request”

Date The date that the room is requested for. String

first\_name The first name of the applicant. String

last\_name The last name of the applicant. String

email The email of the applicant. String

from\_time The starting time of the room request. String

to\_time The ending time of the room request. String

Return:

1 – Success

0 – No success

Action: Update/approve

PUT /api.php

PARAMS:

Parameter Description Value/Type

method Determines the action that will be taken. “approve”

request\_id The ID of the request that is being approved. Integer

Return:

1 – Success

0 – No success

Action: Retrieve all rooms

GET /api.php

PARAMS:

Parameter Description Value/Type

method Determines the action that will be taken. “all\_rooms”

Return:

Array of room objects

Action: Retrieve buildings

GET /api.php

PARAMS:

Parameter Description Value/Type

method Determines the action that will be taken. “all\_buildings”

Return:

Array of building names

Action: Retrieve rooms by building

GET /api.php

PARAMS:

Parameter Description Value/Type

method Determines the action that will be taken. “rooms\_by\_building”

building\_id The ID of the building that you wish to retrieve.

Return:

Array of room objects

Action: Retrieve requests

GET /api.php

PARAMS:

Parameter Description Value/Type

method Determines the action that will be taken. “request”

approved Search by approved requests (1) or all requests (0). Integer

start\_date Gets requests starting from the specified date. String

end\_date Gets requests ending by the specified date. String

Return:

Array of request objects

Action: Delete requests

DELETE /api.php

PARAMS:

Parameter Description Value/Type

method Determines the action that will be taken. “request”

request\_id The ID of the request that needs to be deleted. Integer

Return:

1 – Successful deletion

0 – No successful deletion