

BACKEND ENDPOINT GUIDE

Everything returns a json object, aside from the particular data you want it also returns with a integer field "status"

0: success, go check the rest of the fields for your data

-1: failure, you didn't put in valid data or put in improperly formatted data

-2: failure, you didn't provide all the needed fields

- /users/
 - Check for "email" field in json input
 - GET
 - Check for "data" field in json input
 - Check if "data" field is:
 - "profile"
 - Returns {"email":string, "name":string, "schedule":int[5][12]}
 - "schedule"
 - Returns {"schedule":int[5][12]}
 - "name"
 - Returns {"name":string}
 - POST
 - Check for "password" field in json input
 - Nothing special, "status" is 0 on success, -1 on failure
 - PATCH
 - Check for "schedule" field in json input
 - If true, attempts to update the user's schedule, takes int [5][12] array as input
 - Adds field "schedule" to the return object, 0 if successful, -1 if not
 - Sets "status" to -1
 - Check for "name" field in json input
 - If true, attempts to update the user's name
 - Adds field "name" to the return object, 0 if successful, -1 if not
 - Sets "status" to -1
 - DELETE
 - Nothing special, "status" is 0 on success, -1 on failure
 - /classes/
 - Check for "id" field in json input
 - GET
 - Check for "data" field in json input
 - Check if "data" field is:
 - "all"
 - Returns {"classid":int, "name":string, "schedule":int[5][12], "officehours":int[5][12]}

- “name”
 - Returns {“name”:string}
 - “schedule”
 - Returns {“schedule”:int[5][12]}
 - “officehours”
 - Returns {“officehours”:int[5][12]}
 - POST

Check for “name” field in json input

 - Nothing special, “status” is 0 on success, -1 on failure
 - PATCH
 - Check for “schedule” field in json input
 - Attempts to update the field, takes int [5][12] array as input, 0 on success, -1 on failure
 - Check for “name” field in json input
 - Attempts to update the field, 0 on success, -1 on failure
 - Check for “officehours” field in json input
 - Recalculates office hours
 - Adds field “officehours” to return, contains updated set of office hours(int[5][12]) on success, -1 on failure
 - DELETE
 - Nothing special, “status” is 0 on success, -1 on failure
- /users/classes/

Check for “email” field in json input

 - GET
 - Returns {“classes”:[][int, boolean]}
 - POST

Check for “id” and “role” fields in json input

 - Regular status return, 0 on success, -1 on failure
 - PATCH

Check for “id” and “role” fields in json input

 - Regular status return, 0 on success, -1 on failure
 - DELETE

Check for “id” field in json input

 - Regular status return, 0 on success, -1 on failure
- /classes/students/

Check for “id” field in json input

 - GET
 - Returns {“members”:[][string, boolean]}