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Get Building Names

Point Person - Austin

Type - getjs/main.js

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getBuildingNames

Call

expects nothing

Return JSON

```
{
  "buildings" : [
    "element",
    "buildingTwo",
    "buildingThree"
    ...
    "buildingN"
  ]
}
```

Get Room Names

Point Person - Austin

Type - get

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getRoomNames

Call

expects nothing

Return JSON

```
{
  "rooms" : [
    "roomOne",
    "roomTwo",
    "broomThree"
    ...
    "roomN"
  ]
}
```

Get Room Numbers

Point Person - Austin

Type - get

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getRoomNumbers

Call

expects nothing

Return JSON

```
{
  "roomNumbers" : [
    roomNumberOne,
    roomNumberTwo,
    roomNumberThree,
    ...
    roomNumberN
  ]
}
```

```
]
}
```

Get Events

Point Person - Drew

Type - get

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getEvents

Call

expects nothing

Return JSON

```
[
  "event_id" : {
    "name" : "event_name" ,
    "description" : "Event description",
    "time" : "9999-12-31 23:59:59"
    "x" : "3.12345",
    "y" : "34.4323",
    "z" : "2"
  },
  ....,
  "event_id" : {
    "name" : "event_name" ,
    "description" : "Event description",
    "time" : "9999-12-31 23:59:59"
    "x" : "3.12345",
    "y" : "34.4323",
    "z" : "2"
  }
]
```

Create user account

Point Person - Drew

Type - post

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/createUserAccount

Call

expects

- fName
- lName
- email
- password

Return JSON

```
{  
  "u_id" : id  
}
```

states of id

- -2 → error
- -1 → email already registered
- $x > 0$ → the user successfully registered and we're returning their u_id.

Login User

Point Person

Dylan

Type

post

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/loginUser

Call

expects

- email
- password

Return JSON

```
{  
  "status" : "response",  
  "user_id": u_id,  
  "fName"  : fName,  
  "lName"  : lName;  
}
```

response can be "Success" or "Failure" if failure everything else will be null

```
$app->post('/loginUser', function () {  
    $dummyJSON = array ('status'=>"Success", "user_id"=>1, "fName"=>"Austin", "lName"=>"Wells");  
    $email = $_POST['email'];  
    $password = $_POST['password'];  
    echo json_encode($dummyJSON);  
});
```

GetCoordinates

Point Person

Ryan

Type

post

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getCoordinates

Call

expects

- buildingName
- roomName
- roomNumber

Return JSON

```
{  
    "x" : x-value,  
    "y" : y-value,  
    "z" : z-value;  
}
```


addClass

Point Person - Drew

Type - post

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/addClass

Call

expects

- userID
- time
- day
- buildingName
- roomNumber - optional
- roomName - optional

Return JSON

```
{  
  "Status" : status  
}
```

states of status

- Failure → error
- Success → successfully added class

getClasses

Point Person - Drew

Type - post

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getClasses

Call

expects

- userID
- day

Return JSON

```
[
  {
    "status" : "Status",
    {
      "classTime" : "9999-12-31 23:59:59" ,
      "buildingName" : "name of building",
      "roomName" : "name of room",
      "roomNumber" : "number of room",
      "x" : "3.12345",
      "y" : "34.4323",
      "z" : "2"
    },
    ....,
    {
      "classTime" : "9999-12-31 23:59:59" ,
      "buildingName" : "name of building",
      "roomName" : "name of room",
      "roomNumber" : "number of room",
      "x" : "3.12345",
      "y" : "34.4323",
      "z" : "2"
    },
  ]
```

getLoginStatus

Point Person - ?

Type - get

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getLoginStatus

Call

expects

- userID

Return JSON

```
{"status":1}
```

addFavorite

Point Person - Drew

Type - post

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/addFavorite

Call

expects

- userID
- buildingName
- roomNumber - optional
- roomName - optional

Return JSON

```
{  
  "Status" : status  
}
```

states of status

- Failure → error
- Success → successfully added class

getFavorites

Point Person - Drew

Type - post

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getFavorites

Call

expects

- userID

Return JSON

```
[
  {
    "status" : "Status",
    {
      "buildingName" : "name of building",
      "roomName" : "name of room",
      "roomNumber" : "number of room",
      "x" : "3.12345",
      "y" : "34.4323",
      "z" : "2"
    },
    ....,
    {
      "buildingName" : "name of building",
      "roomName" : "name of room",
      "roomNumber" : "number of room",
      "x" : "3.12345",
      "y" : "34.4323",
      "z" : "2"
    },
  ]
```

sendEmail

Point Person - Ryan Sligh

Type - post

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/sendEmail

Call

expects

- to (provide email)
- message

Return JSON

```
[  
{“status” : “Status”},  
]
```

Get Top Ten Favorited Locations

Point Person - Drew

Type - get

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getTopTen

Call

expects nothing

Return JSON

```
[
  "rank" : {
    "favoriteCount" : "favoriteCount" ,
    "buildingName" : "name of building",
    "roomName" : "name of room",
    "roomNumber" : "number of room",
    "x" : "3.12345",
    "y" : "34.4323",
    "z" : "2"
  },
  ....,
  "rank" : {
    "favoriteCount" : "favoriteCount" ,
    "buildingName" : "name of building",
    "roomName" : "name of room",
    "roomNumber" : "number of room",
    "x" : "3.12345",
    "y" : "34.4323",
    "z" : "2"
  }
]
```

getFavoriteCount

Point Person - Drew

Type - post

Endpoint

http://162.243.227.48/SMU_Nav/api/index.php/getFavoriteCount

Call

expects

- building
- roomName
- roomNumber

Return JSON

```
{“Count” : “count”}
```

Returns -1 if invalid input.