

Show All Tasks

Returns json data about all tasks.

- URL
/printAllTasks
- Method:
GET
- URL Params
Required:
None
- Data Params
None
- Success Response:
 - Code: 200
Content: 1, Groceries, Get Groceries from SafeWay, 2020-02-29, true, 2020-03-25 05:37:12.0
- Error Response:
 - Code: 404 NOT FOUND
Content:
- OR
 - Code: 401 UNAUTHORIZED
Content:

Sample Call:

```
$.ajax({  
  url: "printAllTasks",  
  dataType: "json",  
  type : "GET",  
  success : function(r) {  
    console.log(r);  
  }  
});
```

Show Task

Returns json data about a single Task.

- URL
/searchTask/:id
- Method:
GET
- URL Params
Required:
id=[integer]
- Data Params
None
- Success Response:
 - Code: 200
Content: 2, Hiking, Go for Hiking at San Thomas Aquino Creek Trail,
2020-03-01, true, 2020-03-25 05: 39: 48.0
- Error Response:
 - Code: 404 NOT FOUND
Content:

```
{
  "timestamp": "2020-03-29T18:14:28.992+0000",
  "details": "Invalid input for Task Id",
  "message": "uri=/searchTask/200"
}
```
- OR
 - Code: 401 UNAUTHORIZED
Content:

Sample Call:

```
$.ajax({
  url: "printAllTasks",
  dataType: "json",
  type : "GET",
  success : function(r) {
    console.log(r);
  }
});
```

Add Task

Returns json data about a single Task.

- URL
/addTask
- Method:
POST
- URL Params
Required:
task_name=[String]
task_description=[String]
Task_date=[Date (yyyy-mm-dd)]
- Data Params
None
- Success Response:
 - Code: 201 Created
Content: None
Location: <http://localhost:8080/addTask>
- Error Response:
 - Code: 404 NOT FOUND
Content:

```
{ "timestamp": "2020-03-29T18:14:28.992+0000",  
  "details": "Invalid input for Task Id",  
  "message": "uri=/searchTask/200" }
```
- OR
 - Code: 401 UNAUTHORIZED
Content:

Sample Call:

```
$.ajax({  
  Url: curl -i -H "Accept: application/json" -H  
"Content-Type:application/json" -X POST --data "{\"taskName\": \"Outing\",  
\"taskDescription\": \"Visit Almaden Lake\", \"date\": \"2020-03-16\"}"  
"http://localhost:8080/addTask"  
  dataType: "json",  
  type : "GET",  
  success : function(r) {  
    console.log(r);  
  }  
});
```

Mark Task

Returns number of rows update.

- URL
/markTaskAsDone/:id
- Method:
POST
- URL Params
Required:
task_id=[Integer]
- Data Params
None
- Success Response:
Code: 200
Content: Rows updated: 1
- Error Response:
 - Code: 404 NOT FOUND
Content:

```
{
  "timestamp": "2020-03-29T20:30:06.268+0000",
  "details": "Invalid input for Task Id",
  "message": "uri=/markTaskAsDone/800"
}
```
- OR
 - Code: 401 UNAUTHORIZED
Content:

Sample Call:

```
$.ajax({
  Url: curl -X POST --data"http://localhost:8080/markTaskAsDone/8"
  dataType: "json",
  type : "POST",
  success : function(r) {
    console.log(r);
  }
});
```

Delete Task

Returns number of rows update.

- URL
/deleteTask/:id
- Method:
DELETE
- URL Params
Required:
task_id=[Integer]
- Data Params
None
- Success Response:
Code: 200 OK
Content: Rows updated: 1
- Error Response:
 - Code: 404 NOT FOUND
Content:

```
{  
  
  "timestamp": "2020-03-29T20:30:06.268+0000",  
  
  "details": "Invalid input for Task Id",  
  
  "message": "uri=/deleteTask/800"  
}
```
- OR
 - Code: 401 UNAUTHORIZED
Content:

Sample Call:

```
$.ajax({  
  Url: curl -X POST --data"http://localhost:8080/deleteTask/8"  
  dataType: "json",  
  type : "DELETE",  
  success : function(r) {  
    console.log(r);  
  }  
});
```