

Project Title: Personal Planner API

Personal Planner is a service for planning your appointments over the course of time. In this service, we assume that the user is accessing this planner where creation of events and scheduled events can be viewed. Fields to be given by the user during the POST method will be `current_date`, `current_time`, `current_event`, and `current_taskdescription`.

Field Name	Type	Field Description
<code>current_date</code>	String	Adds/Stores the date given by the user
<code>current_time</code>	String	Stores the time given by the user
<code>current_event</code>	String	Stores the event given by the user
<code>current_taskdescription</code>	String	Stores the task details given by the user

Fields returned by the API during GET method will be all `current_date`, `current_time`, `current_event`, and `current_taskdescription` in the planner. Both GET and POST method use the url `"/myevents/"`.

Input by user (POST method):

The screenshot shows a REST client interface with the URL `http://localhost:8080/myevents/` and the method set to **POST**. The body is a JSON object with the following fields:

```
1 {
2   "index": 2,
3   "current_event": "New Year Resolutions",
4   "current_date": "01-01-2022",
5   "current_time": "10am PST",
6   "current_taskdescription": "Lead a healthy life."
7 }
```

The status bar at the bottom indicates: Status: 201 Created, Time: 405 ms, Size: 172 B.

Output (GET method):

The screenshot shows a REST client interface with the URL `http://localhost:8080/myevents/` and the method set to **GET**. The response is a JSON array of two event objects:

```
1 [
2   {
3     "eventParameterList": [
4       {
5         "eventParameterList": [],
6         "index": 1,
7         "current_event": "Doctor Visit",
8         "current_date": "10-10-2020",
9         "current_time": "10am PST",
10        "current_taskdescription": "Visit your doctor in next 10 minutes"
11      }
12    ],
13    "eventParameterList": [],
14    "index": 2,
15    "current_event": null,
16    "current_date": "01-01-2022",
17    "current_time": null,
18    "current_taskdescription": "Lead a healthy life."
19  }
20 ]
```

The status bar at the bottom indicates: Status: 200 OK, Time: 98 ms, Size: 633 B.