

This Document helps to use task management rest api.

Base URL: <http://localhost:8080/taskmanagement/api/v1>

1:- Create new user

Url:- /users

Method :- POST

Content-Type:- application/json

Request Body :-

```
{
    "name":"Manish",
    "address":"address",
    "phone":"phone",
    "email":"abc@gmail.com",
    "gender":"male|female|unknown",
    "dateOfBirth":"1988-05-25"
}
```

Response Code:- 201

Response Body :- User Created Successfully

2:- Get user details

Url:- /users/{id}

Method :- GET

Content-Type:- application/json

Request Body :- N/A

Response Code:- 200

Response Body :-

```
{
    "id": 1,
    "name": "Manish",
    "address": "address",
    "phone": "phone",
    "email": "abc@gmail.com",
    "gender": "male",
    "dateOfBirth": "1988-05-25"
    "createdDate": "2016-04-05T19:34:11",
    "modifiedDate": "2016-04-05T19:34:11"
}
```

3:- Get list of user details

Url:- /users

Method :- GET

Content-Type:-application/json

Request Body :- N/A

Response Code:- 200

Response Body :-

```
[
  {
    "id": 1,
    "name": "Manish",
    "address": "address",
    "phone": "1215487898",
    "email": "abc@gmail.com",
    "gender": "male",
    "dateOfBirth": "1988-05-25"
    "createdDate": "2016-04-05T19:34:11",
    "modifiedDate": "2016-04-05T19:34:11"
  },
  {
    "id": 1,
    "name": "Manish Dubey",
    "address": "address1",
    "phone": "1215487898",
    "email": "xyz@gmail.com",
    "gender": "male",
    "dateOfBirth": "1988-05-25"
    "createdDate": "2016-04-05T19:34:11",
    "modifiedDate": "2016-04-05T19:34:11"
  }
]
```

4:- Create new task

Url:- /task

Method :- POST

Content-Type:- application/json

Request Body :-

```
{
    "name": "First task",
    "taskAssignerId": "1",
    "taskDoerId": "58",
    "status": "assigned",
    "dueDate": "2016-04-06"
}
```

Response Code:- 201

Response Body :- Task created successfully

5:- Get task details

Url:- /tasks/{id}

Method :- GET

Content-Type:- application/json

Request Body :- N/A

Response Code:- 200

Response Body :-

```
{
    "id": 1,
    "name": "name",
    "taskAssignerId": 1,
    "taskDoerId": 6,
    "status": "assigned",
    "assignDate": "2016-04-06",
    "dueDate": "2016-04-06",
    "createdDate": "2016-04-06T15:17:48",
    "modifiedDate": "2016-04-06T18:28:26"
}
```

6:- Get user's list task details

Url:- /tasks?userId={userId}&status={draft|assigned|completed} (status is optional)

Method :- GET

Content-Type:- application/json

Request Body :- N/A

Response Code:- 200

Response Body :-

```
[
  {
    "id": 1,
    "name": "name",
    "taskAssignerId": 1,
    "taskDoerId": 6,
    "status": "assigned",
    "assignDate": "2016-04-06",
    "dueDate": "2016-04-06",
    "createdDate": "2016-04-06T15:17:48",
    "modifiedDate": "2016-04-06T18:28:26",
  },
  {
    "id": 2,
    "name": "First task",
    "taskAssignerId": 1,
    "taskDoerId": 5,
    "status": "assigned",
    "assignDate": "2016-04-06",
    "dueDate": "2016-04-06",
    "createdDate": "2016-04-06T15:22:13",
    "modifiedDate": "2016-04-06T15:22:13"
  }
]
```

7:- Update Task details - (If task assigner id is passed then task is updated and if only task doer id and task due date is passed then doer is postpone the task)

Url:- /task

Method :- PUT

Content-Type:- application/json

Request Body :-

```
{
    "taskAssignerId": "1",
    "taskDoerId": "58",
    "status": "assigned",
    "dueDate": "2016-04-06"
}
```

Response Code:- 200

Response Body :-

```
{
    "id": 2,
    "name": "First task",
    "taskAssignerId": 1,
    "taskDoerId": 5,
    "status": "assigned",
    "assignDate": "2016-04-06",
    "dueDate": "2016-04-06",
    "createdDate": "2016-04-06T15:22:13",
    "modifiedDate": "2016-04-06T15:22:13"
}
```

8:- Create new Comment

Url:- /task/{id}/commets

Method :- POST

Content-Type:- application/json

Request Body :-

```
{
    "userId": "5",
    "comment": "My first Comment"
}
```

Response Code:- 201

Response Body :- Comment added successfully

9:- Get all comments of task

Url:- /tasks/{id}/comments?userId={id}

Method :- GET

Content-Type:- application/json

Request Body :- N/A

Response Code:- 200

Response Body :-

```
[
  {
    "id": 1,
    "taskId": 1,
    "userId": 1,
    "comment": "My first Comment",
    "createdDate": "2016-04-06T19:25:45",
    "modifiedDate": "2016-04-06T19:25:45",
  },
  {
    "id": 1,
    "taskId": 1,
    "userId": 1,
    "comment": "My secound Comment",
    "createdDate": "2016-04-06T19:25:45",
    "modifiedDate": "2016-04-06T19:25:45",
  },
  {
    "id": 1,
    "taskId": 1,
    "userId": 1,
    "comment": "My third Comment",
    "createdDate": "2016-04-06T19:25:45",
    "modifiedDate": "2016-04-06T19:25:45",
  }
]
```