

Task Management API

Environment	URL
local	http://localhost:8080

Task Model

KEY	TYPE
id	int
title	string
description	string
status	string

API

1. Create and Update Task

Method	POST		
HOST	{url}/task-management/api/v1/task		
Description	<ul style="list-style-type: none">- do not send ID if you want to CREATE- send ID if you want to UPDATE		
Request	Data Type	Mandatory	Description
Request Body			
id	int		for UPDATE existing task
title	string	Yes	task title
description	string	Yes	task description
Response			
code	int		
message	string		
error_message	string null		
data	array<object>		

Sample Request

CREATE TASK

{url}/task-management/api/v1/task

```
{
  "title": "title01",
  "description": "desc01"
}
```

UPDATE TASK

{url}/task-management/api/v1/task

```
{
  "id": 1,
  "title": "title02",
  "description": "desc02"
}
```

Sample Response

```
{
  "code": 201
}
```

```
"message": "created"
```

```
"data": [
```

```
{
```

```
"id": 1,
```

```
"title": "title01",
```

```
"description": "desc01",
```

```
"status": "To Do"
```

```
}
```

```
]
```

```
}
```

2. Get Task

Method	GET		
HOST	{url}/task-management/api/v1/task		
Description	get task by task_id		
Request	Data Type	Mandatory	Description
Request Query Param			
task_id	int	Yes	
Response			
code	int		
message	string		
error_message	string null		
data	object		

Sample Request

```
{url}/task-management/api/v1/task?task_id=1
```

Sample Response

```
{
  "code": 200
  "message": "OK"
  "data": {
    "id": 1,
    "title": "title01",
    "description": "desc01",
    "status": "To Do"
  }
}
```

3. Get Task List

Method	GET		
HOST	{url}/task-management/api/v1/task-list		
Description	get all tasks		
Request	Data Type	Mandatory	Description
Request N/A			
Response			
code	int		
message	string		
error_message	string null		
data	array<object>		

Sample Request

```
{url}/task-management/api/v1/task-list
```

Sample Response

```
{
  "code": 200
  "message": "OK"
  "data": [
    {
      "id": 1,
      "title": "title01",
      "description": "desc01",
      "status": "To Do"
    }
  ]
}
```

4. Update Task Status

Method	PUT		
HOST	{url}/task-management/api/v1/task		
Description	update task status by task_id		
Request	Data Type	Mandatory	Description
Request Query Param			
task_id	int	Yes	
Response			
code	int		
message	string		
error_message	string null		
data	array<object>		

Sample Request

```
{url}/task-management/api/v1/task?task_id=1
```

Sample Response

```
{
  "code": 201
  "message": "Updated"
  "data": [
    {
      "id": 1,
      "title": "title01",
      "description": "desc01",
      "status": "In Progress"
    }
  ]
}
```

5. Delete Task

Method	DELETE		
HOST	{url}/task-management/api/v1/task		
Description	delete task by task_id		
Request	Data Type	Mandatory	Description
Request Query Param			
task_id	int	Yes	
Response			
code	int		
message	string		
error_message	string null		
data	array<object>		

Sample Request

```
{url}/task-management/api/v1/task?task_id=1
```

Sample Response

```
{
  "code": 200
  "message": "OK"
  "data": [
    {
      "id": 1,
      "title": "title01",
      "description": "desc01",
      "status": "In Progress"
    }
  ]
}
```