
Task Manager API – CRUD Operations (Postman Guide)

1. Authentication

Register User

- **Method:** POST
- **URL:** `http://localhost:5000/api/auth/register`
- **Headers:**
 - Content-Type: application/json
- **Body (raw JSON):**

```
{  
  "name": "John Doe",  
  "email": "john@example.com",  
  "password": "password123"  
}
```

- **Response (201 Created):**

```
{  
  "_id": "63f1234567890abcdef",  
  "name": "John Doe",  
  "email": "john@example.com",  
  "token": "JWT_TOKEN_HERE"  
}
```

Login User

- **Method:** POST
- **URL:** `http://localhost:5000/api/auth/login`
- **Headers:**
 - Content-Type: application/json
- **Body (raw JSON):**

```
{  
  "email": "john@example.com",  
  "password": "password123"  
}
```

```
"password": "password123"  
}
```

- **Response (200 OK):**

```
{  
  "_id": "63f1234567890abcdef",  
  "name": "John Doe",  
  "email": "john@example.com",  
  "token": "JWT_TOKEN_HERE"  
}
```

Save token for all protected requests.

2. User Profile

Get Profile

- **Method:** GET
- **URL:** <http://localhost:5000/api/users/profile>
- **Headers:**
 - Authorization: Bearer {{token}}
- **Response (200 OK):**

```
{  
  "_id": "63f1234567890abcdef",  
  "name": "John Doe",  
  "email": "john@example.com"  
}
```

Update Profile

- **Method:** PUT
- **URL:** <http://localhost:5000/api/users/profile>
- **Headers:**
 - Authorization: Bearer {{token}}
 - Content-Type: application/json
- **Body (raw JSON):**

```
{  
  "name": "John Updated",  
  "email": "johnupdated@example.com"  
}
```

- **Response (200 OK):**

```
{  
  "_id": "63f1234567890abcdef",  
  "name": "John Updated",  
  "email": "johnupdated@example.com"  
}
```

3. Tasks

Get All Tasks

- **Method:** GET
- **URL:** <http://localhost:5000/api/tasks>
- **Headers:**
 - Authorization: Bearer {{token}}
- **Response (200 OK):**

```
[  
  {  
    "_id": "63f234567890abcdef1",  
    "title": "Complete dashboard",  
    "completed": false  
  },  
  {  
    "_id": "63f234567890abcdef2",  
    "title": "Write Postman guide",  
    "completed": true  
  }]
```

Create Task

- **Method:** POST
- **URL:** http://localhost:5000/api/tasks
- **Headers:**
 - Authorization: Bearer {{token}}
 - Content-Type: application/json
- **Body (raw JSON):**

```
{  
  "title": "New Task Example"  
}
```

- **Response (201 Created):**

```
{  
  "_id": "63f34567890abcdef3",  
  "title": "New Task Example",  
  "completed": false  
}
```

Update Task

- **Method:** PUT
- **URL:** http://localhost:5000/api/tasks/{{taskId}}
- **Headers:**
 - Authorization: Bearer {{token}}
 - Content-Type: application/json
- **Body (raw JSON):**

```
{  
  "completed": true  
}
```

- **Response (200 OK):**

```
{  
  "_id": "63f34567890abcdef3",  
  "title": "New Task Example",
```

```
        "completed": true  
    }  


---


```

Delete Task

- **Method:** DELETE
- **URL:** http://localhost:5000/api/tasks/{{taskId}}
- **Headers:**
 - Authorization: Bearer {{token}}
- **Response (200 OK):**

```
{  
    "message": "Task deleted successfully"  
}  


---


```