Project Management System

Login Auth

Route::post('/register', [AuthController::class, 'register']);
`http://127.0.0.1:8000/api/register?name=admin&email=admin@gmail.com&password=123456789`

Input
name:admin
email:admin@gmail.com
password:123456789

Route::post('/login', [AuthController::class, 'login'])->name('login');
`http://127.0.0.1:8000/api/login`

Input
email:admin@gmail.com
Password:123456789

Output response

```
{
    "token":
"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOi8vMTI3LjAuMC4xOjgwMD
AvYXBpL2xvZ2luIiwiaWF0IjoxNzQ1MjMxMjA2LCJleHAiOjE3NDUyMzQ4MDYsIm5iZiI6MTc0NT
IzMTIwNiwianRpIjoiajFkV2JwM1cyanB3SlVKTCIsInN1YiI6IjUiLCJwcnYiOiIyM2JkNWM4OT
Q5ZjYwMGFkYjM5ZTcwMWM0MDA4NzJkYjdhNTk3NmY3In0.jnEbXiNRdE3L46kAoAIYlZYIxjGuT7
7MhfB2DNWEPBA"
}
```

Route::get('/dashboard', [AuthController::class, 'dashboard']);
`http://127.0.0.1:8000/api/dashboard`

Output response

```
{
    "id": 5,
    "name": "admin",
    "email": "admin@gmail.com",
    "email_verified_at": null,
    "created_at": "2025-04-19T17:22:40.000000Z",
    "updated_at": "2025-04-19T17:22:40.000000Z"
}
```

Route::post('/logout', [AuthController::class, 'logout']);

Output response

```
{
    "message": "Logged-out"
}
```

Project Route

Route::get('/projects/', [ProjectController::class, 'index']);
http://127.0.0.1:8000/api/projects

Output response

```
[
    {
        "id": 6,
        "user_id": 5,
        "title": "project 1",
        "description": "this is a test project 1",
        "created_at": "2025-04-19T17:24:14.000000Z",
        "updated_at": "2025-04-19T17:24:14.000000Z",
        "tasks": [
            {
                "id": 6,
                "project_id": 6,
                "title": "Task 1",
                "description": "ths is the task 2",
                "status": "Pending",
                "created_at": "2025-04-19T17:26:46.000000Z",
                "updated_at": "2025-04-19T17:26:46.000000Z",
                "remarks": [
                    {
                        "id": 9,
                        "task_id": 6,
                        "remarks": "this is a remark 1",
                        "created_at": "2025-04-19T17:30:35.000000Z",
                        "updated_at": "2025-04-19T17:30:35.000000Z"
                    }
                ]
            }
        ]
    },
    {
        "id": 8,
        "user_id": 5,
        "title": "project 2",
        "description": "this is a test project 2",
```

```
        "created_at": "2025-04-21T10:29:49.000000Z",
        "updated_at": "2025-04-21T10:29:49.000000Z",
        "tasks": []
    }
]
```

Route::post('/projects/create', [ProjectController::class, 'create']);
http://127.0.0.1:8000/api/projects/create?title&description
Input
title:project 2
description:this is a test project 2

Output response

```
{
    "message": "Project created successfully",
    "project": {
        "title": "project 2",
        "description": "this is a test project 2",
        "user_id": 5,
        "updated_at": "2025-04-21T10:29:49.000000Z",
        "created_at": "2025-04-21T10:29:49.000000Z",
        "id": 8
    }
}
```

Route::put('/projects/edit/{id}', [ProjectController::class, 'update']);
http://127.0.0.1:8000/api/projects/edit/8

Input

```
{

    "title": " project 5",
    "description": " this is project 5"
}
```

Output response

```
{
    "message": "Project updated successfully",
    "project": {
        "id": 8,
        "user_id": 5,
        "title": "project 5",
        "description": "this is project 5",
        "created_at": "2025-04-21T10:29:49.000000Z",
        "updated_at": "2025-04-21T10:37:01.000000Z"
    }
}
```

Route::delete('/projects/delete/{id}', [ProjectController::class, 'destroy']);
http://127.0.0.1:8000/api/projects/delete/7

Output response

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

Task management

Route::get('/task/{id}', [TaskController::class, 'show']);
http://127.0.0.1:8000/api/task/6

Output response

```
[
    {
        "id": 6,
        "project_id": 6,
        "title": "Task 1",
        "description": "ths is the task 2",
        "status": "Pending",
        "created_at": "2025-04-19T17:26:46.000000Z",
        "updated_at": "2025-04-19T17:26:46.000000Z"
    },
    {
        "id": 8,
        "project_id": 6,
        "title": "Task 2",
        "description": "ths is the task 2",
        "status": "Pending",
```

```
        "created_at": "2025-04-21T10:43:23.000000Z",

        "updated_at": "2025-04-21T10:43:23.000000Z"

    }

]
```

Route::post('/task/create', [TaskController::class, 'create']);

http://127.0.0.1:8000/api/task/create?title=Task 1&project_id=4&description=this is task 1

Input

title:Task 2

description:ths is the task 2

project_id:6

Output response

```
{

    "message": "Task created successfully",

    "task": {

        "status": "pending",

        "title": "Task 2",

        "description": "ths is the task 2",

        "project_id": "6",

        "updated_at": "2025-04-21T10:43:23.000000Z",

        "created_at": "2025-04-21T10:43:23.000000Z",

        "id": 8

    }

}
```

Route::put('/task/edit/{id}', [TaskController::class, 'update']);

http://127.0.0.1:8000/api/task/edit/6

Input

```
{

    "project_id": "6",

    "title": "Updated task Title",

    "description": "This is the updated description.",

    "remark": "This is the updated rakem add ed.",

    "status": "In Progress"

}
```

Output response

```json
{
    "message": "Task updated successfully",
    "task": {
        "id": 6,
        "project_id": "6",
        "title": "Updated task Title",
        "description": "This is the updated description.",
        "status": "In Progress",
        "created_at": "2025-04-19T17:26:46.000000Z",
        "updated_at": "2025-04-21T10:48:36.000000Z"
    }
}
```

Route::delete('/task/delete/{id}', [TaskController::class, 'destroy']);
http://127.0.0.1:8000/api/task/delete/6

Output response

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

Task remarks

Route::get('/task/remarks/{id}', [TaskController::class, 'remark_show']);
http://127.0.0.1:8000/api/task/remarks/8

Output response

```json
{
        "id": 13,
        "task_id": 8,
        "remarks": "this is a remark 2",
        "created_at": "2025-04-21T10:52:27.000000Z",
        "updated_at": "2025-04-21T10:52:27.000000Z"
    },
    {
        "id": 14,
        "task_id": 8,
        "remarks": "this is a remark 2",
        "created_at": "2025-04-21T10:55:11.000000Z",
```

```
        "updated_at": "2025-04-21T10:55:11.000000Z"
    },
    {
        "id": 15,
        "task_id": 8,
        "remarks": "this is a remark 2",
        "created_at": "2025-04-21T10:55:22.000000Z",
        "updated_at": "2025-04-21T10:55:22.000000Z"
    }
]
```

Route::post('/task/remark/create', [TaskController::class, 'remark_create']);
http://127.0.0.1:8000/api/task/remark/create?task_id&remarks

Input
task_id:6
remarks:this is a remark 1

Output response
```
{
    "message": "Task remark created successfully",
    "task": {
        "remarks": "this is a remark 2",
        "task_id": "8",
        "updated_at": "2025-04-21T10:52:27.000000Z",
        "created_at": "2025-04-21T10:52:27.000000Z",
        "id": 14
    }
}
```

Route::put('/task/remark/edit/{id}', [TaskController::class, 'remark_update']);
http://127.0.0.1:8000/api/task/remark/edit/14
Input
```
{

    "task_id": "8",
    "remarks": "This is the updated description."
}
```

Output response

```json
{
    "message": "Task remark updated successfully",
    "task_remark": {
        "id": 14,
        "task_id": "8",
        "remarks": "This is the updated description.",
        "created_at": "2025-04-21T10:55:11.000000Z",
        "updated_at": "2025-04-21T10:57:38.000000Z"
    }
}
```

Route::delete('/task/remark/delete/{id}', [TaskController::class, 'remark_destroy']);

Output response

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