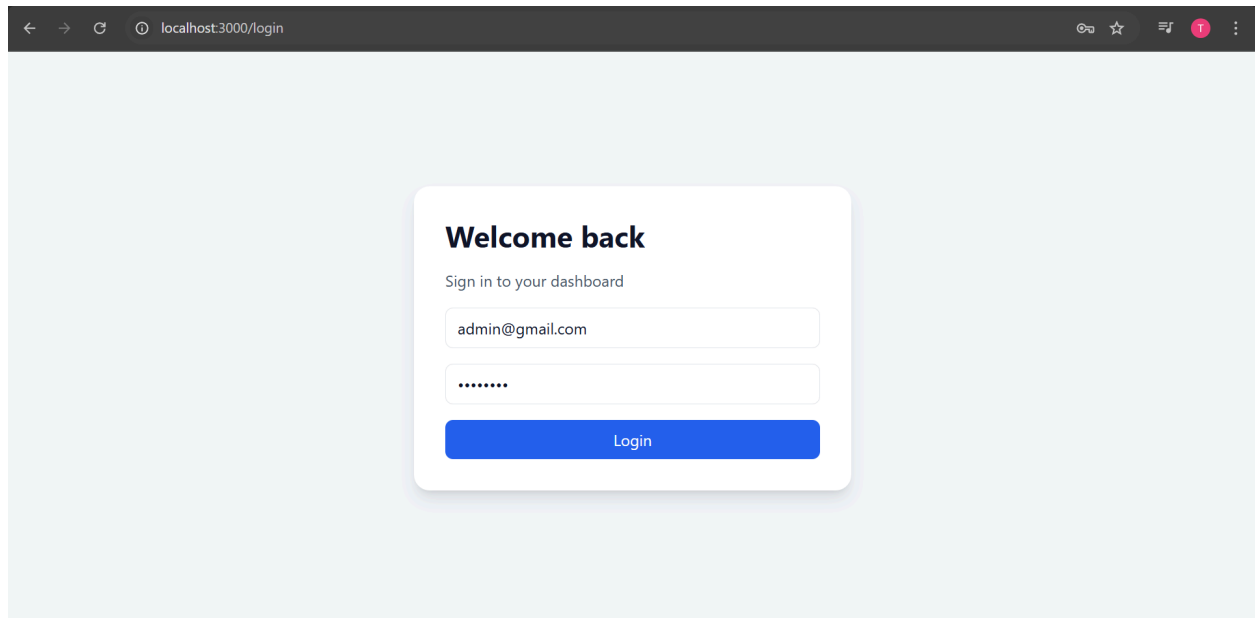


Admin Login Page



A screenshot of a web browser showing the login page for an admin dashboard. The browser's address bar displays 'localhost:3000/login'. The page has a light blue background. In the center, there is a white rounded rectangle containing the text 'Welcome back' in bold. Below it, a smaller text says 'Sign in to your dashboard'. There are two input fields: the first contains 'admin@gmail.com' and the second contains masked characters '.....'. A blue button labeled 'Login' is positioned below the password field.

localhost:3000/login

Welcome back

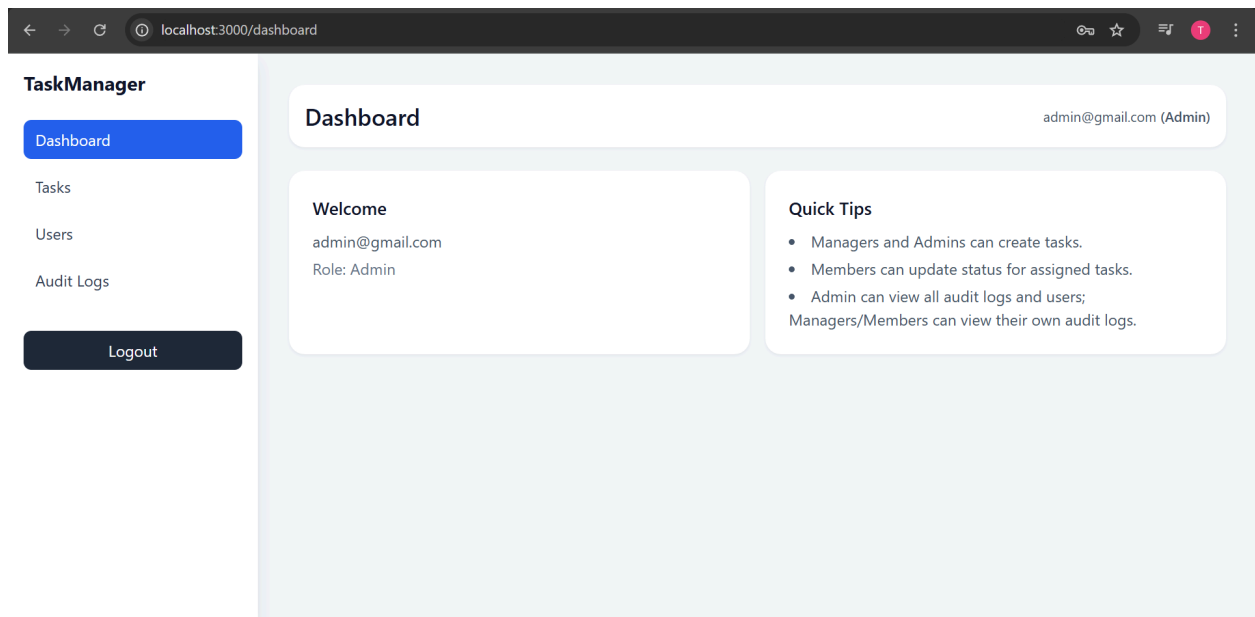
Sign in to your dashboard

admin@gmail.com

.....

Login

Dashboard



A screenshot of the admin dashboard. The browser's address bar shows 'localhost:3000/dashboard'. On the left, a sidebar titled 'TaskManager' contains links for 'Dashboard' (highlighted in blue), 'Tasks', 'Users', and 'Audit Logs', along with a 'Logout' button at the bottom. The main content area has a header with 'Dashboard' and the user 'admin@gmail.com (Admin)'. Below the header, there are two white boxes. The left box, titled 'Welcome', shows the user's email and role. The right box, titled 'Quick Tips', lists three bullet points about task creation, status updates, and audit log viewing.

localhost:3000/dashboard

TaskManager

Dashboard

Tasks

Users

Audit Logs

Logout

Dashboard

admin@gmail.com (Admin)

Welcome

admin@gmail.com
Role: Admin

Quick Tips

- Managers and Admins can create tasks.
- Members can update status for assigned tasks.
- Admin can view all audit logs and users; Managers/Members can view their own audit logs.

Create task Model

The screenshot shows the 'TaskManager' application interface. On the left is a sidebar with links to 'Dashboard', 'Tasks' (highlighted), 'Users', 'Audit Logs', and a 'Logout' button. The main content area is titled 'Tasks' and displays a table with columns 'Title', 'Test Task', 'asd', and 'boxing'. A 'Create Task' modal form is open in the center, containing the following fields: 'Title' (text input), 'Description' (text area), 'Assignee' (dropdown menu with 'Unassigned' selected), and 'Status' (dropdown menu with 'Todo' selected). At the bottom of the modal are 'Cancel' and 'Create' buttons. In the background, the 'Actions' section shows buttons for 'Done', 'Edit', and 'Delete' for each task row. A 'Task updated' green notification banner is visible at the bottom right.

TaskManager

Dashboard

Tasks

Users

Audit Logs

Logout

Tasks

Title

Test Task

asd

boxing

Create Task

Title

Description

Assignee

Unassigned

Status

Todo

Cancel

Create

admin@gmail.com (Admin)

Create Task

Done Edit Delete

Todo Edit Delete

Todo Edit Delete

Task updated

Edit task Model

This screenshot shows the 'TaskManager' application with the 'Edit Task' modal form open. The sidebar and background table are identical to the previous image. The modal form contains the following fields: 'Title' (text input with 'Test Task'), 'Description' (text area with 'This is a test task'), 'Assignee' (dropdown menu with 'Unassigned'), and 'Status' (dropdown menu with 'Done'). The buttons at the bottom are 'Cancel' and 'Update'. The 'Task updated' green notification banner is present at the bottom right.

TaskManager

Dashboard

Tasks

Users

Audit Logs

Logout

Tasks

Title

Test Task

asd

boxing

Edit Task

Title

Test Task

Description

This is a test task

Assignee

Unassigned

Status

Done

Cancel

Update

admin@gmail.com (Admin)

Create Task

Done Edit Delete

Todo Edit Delete

Todo Edit Delete

Task updated

Manage user

TaskManager

Dashboard

Tasks

Users

Audit Logs

Logout

Users

admin@gmail.com (Admin)

ID	Email	Role
1	admin@example.com	Admin
2	tenzin@example.com	Member
3	dorji@gmail.com	Admin
4	tenzin@gmail.com	Member
5	tengyel@gmail.com	Manager
6	admin@gmail.com	Admin (you)

Audit logs

TaskManager

Dashboard

Tasks

Users

Audit Logs

Logout

Audit Logs

admin@gmail.com (Admin)

ID	User	Action	Entity	Timestamp
11	6	UPDATE	Task	2/16/2026, 5:51:58 PM
10	5	UPDATE	Task	2/12/2026, 8:44:21 AM
9	5	UPDATE	Task	2/12/2026, 8:44:17 AM
8	5	UPDATE	Task	2/12/2026, 8:44:14 AM
7	3	CREATE	Task	2/12/2026, 8:27:42 AM
6	3	UPDATE	Task	2/12/2026, 8:27:18 AM
5	3	UPDATE	Task	2/12/2026, 8:27:14 AM
4	3	UPDATE	Task	2/12/2026, 8:27:11 AM
3	3	CREATE	Task	2/12/2026, 8:20:07 AM

Manager

TaskManager

Dashboard

Tasks

Audit Logs

Logout

Tasks

manager@gmail.com (Manager)

Create Task

Title	Description	Status	Assignee	Actions
Test Task	This is a test task	Done	Unknown	Done <a>Edit <a>Delete
asd	asd	Todo	Unassigned	Todo <a>Edit <a>Delete
boxing	oka	Todo	Unassigned	Todo <a>Edit <a>Delete

Member

TaskManager

Dashboard

Tasks

Audit Logs

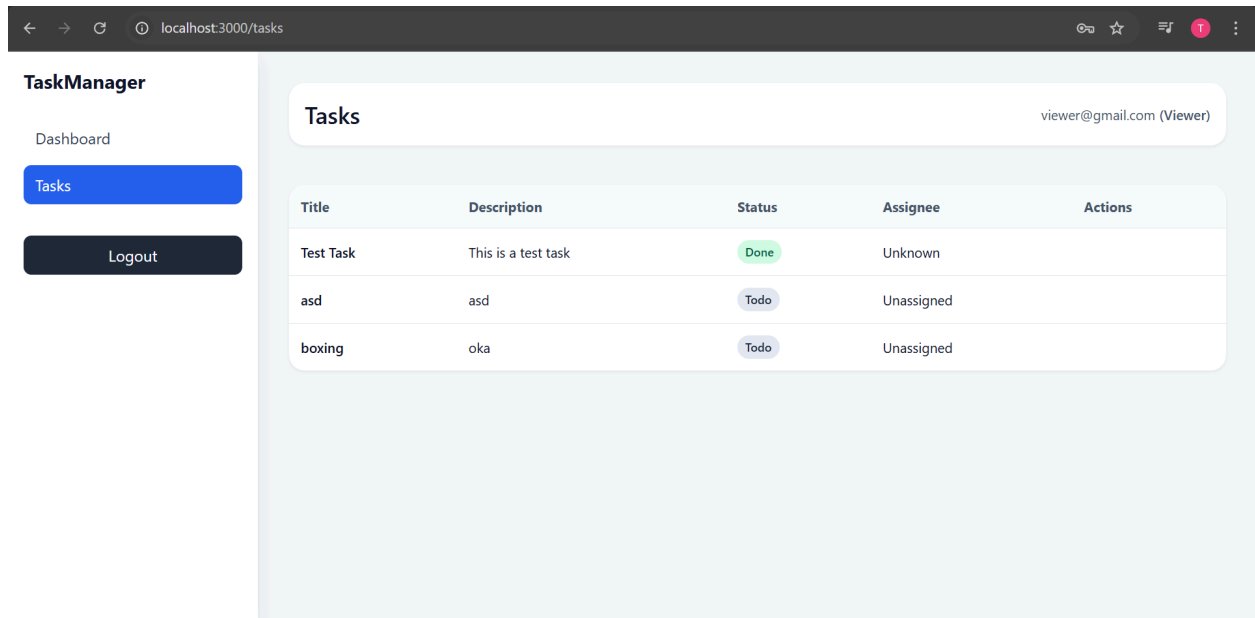
Logout

Tasks

member@gmail.com (Member)

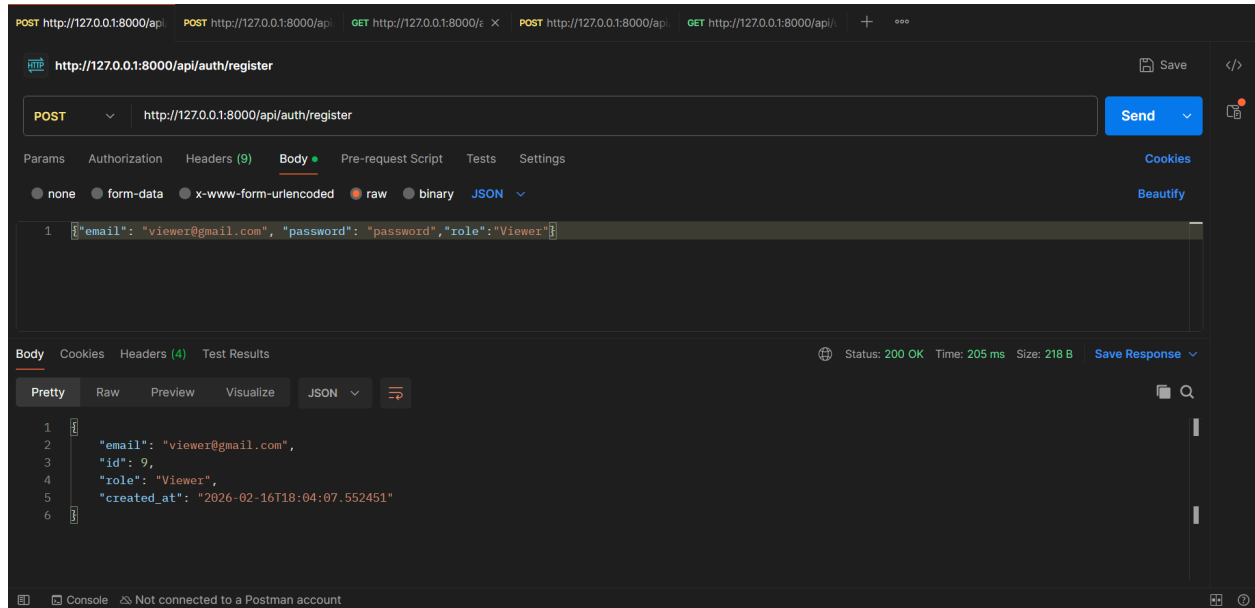
Title	Description	Status	Assignee	Actions
Test Task	This is a test task	Done	Unknown	Done

Viewer



Postman

Register



Login

POST http://127.0.0.1:8000/api/auth/login

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary

Key	Value
username	admin@gmail.com
password	password

Body Cookies Headers (4) Test Results Status: 200 OK Time: 217 ms Size: 304 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "access_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJhZG1pbkRnbWVpbC5jb26iLCJleHAiOiE3NzEyNjg4MzB9.Xj0pvMZBs1mr7NBC_7uZ687kclhBvXGK9wV7hUc0BQQ",
3   "token_type": "bearer"
4 }
```

Console Not connected to a Postman account

Swagger UI

127.0.0.1:8000/docs

Task Management API 0.1.0 OAuth2

Authorize

auth

- POST /api/auth/register Register
- POST /api/auth/login Login

users

- GET /api/users/me Get Me
- GET /api/users List Users
- PUT /api/users/{user_id}/role Change User Role

tasks

- GET /api/tasks Get Tasks
- POST /api/tasks Add Task
- PUT /api/tasks/{task_id} Edit Task
- DELETE /api/tasks/{task_id} Remove Task

audit

- GET /api/audit List Audit Logs

default

- GET / Health

DELETE

/api/tasks/{task_id}

Remove Task

🔒

⌵

audit

^

GET

/api/audit

List Audit Logs

🔒

⌵

default

^

GET

/

Health

⌵

Schemas

^

AuditLogOut

>

Expand all

object

Body_login_auth_login_post

>

Expand all

object

HTTPValidationError

>

Expand all

object

TaskCreate

>

Expand all

object

TaskOut

>

Expand all

object

TaskStatus

>

Expand all

string

TaskUpdate

>

Expand all

object

Token

>

Expand all

object

UserCreate

>

Expand all

object

UserOut

>

Expand all

object

UserRoleUpdate

>

Expand all

object

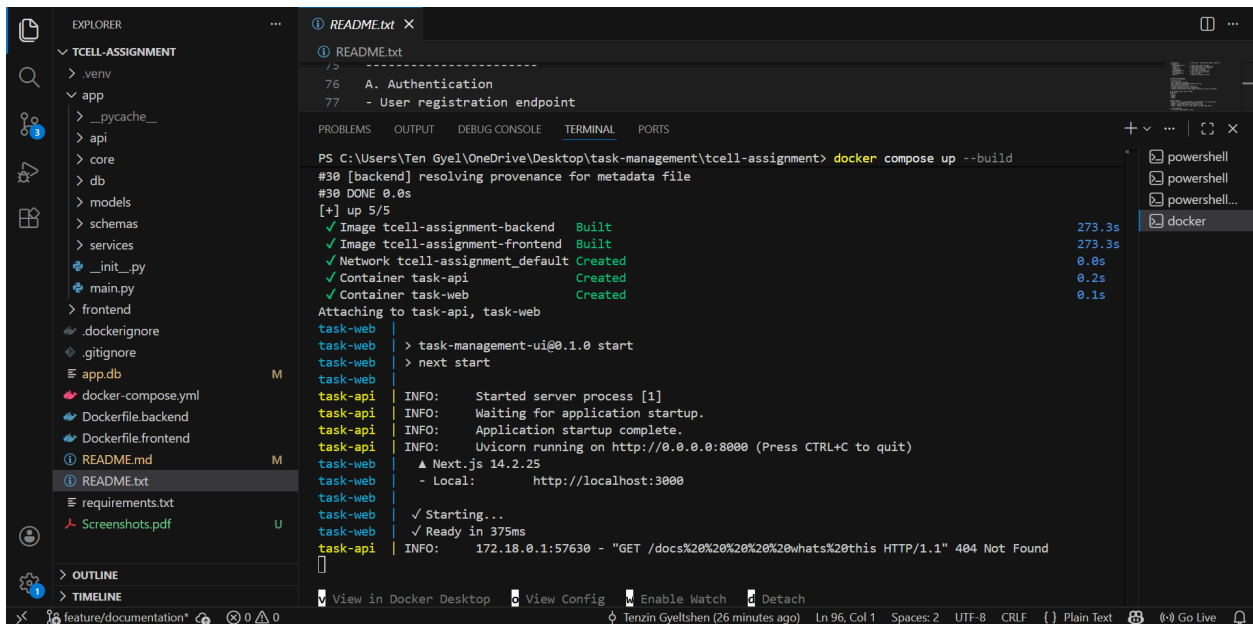
ValidationError

>

Expand all

object

Dockerization



```
PS C:\Users\Ten Gyel\OneDrive\Desktop\task-management\tcell-assignment> docker compose up --build
#30 [backend] resolving provenance for metadata file
#30 DONE 0.0s
[+] up 5/5
✓ Image tcell-assignment-backend Built 273.3s
✓ Image tcell-assignment-frontend Built 273.3s
✓ Network tcell-assignment_default Created 0.0s
✓ Container task-api Created 0.2s
✓ Container task-web Created 0.1s

Attaching to task-api, task-web
task-web | > task-management-ui@0.1.0 start
task-web | > next start
task-api | INFO: Started server process [1]
task-api | INFO: Waiting for application startup.
task-api | INFO: Application startup complete.
task-api | INFO: Uvicorn running on http://0.0.0.0:8000 (Press CTRL+C to quit)
task-web | ▲ Next.js 14.2.25
task-web | - Local: http://localhost:3000
task-web | ✓ Starting...
task-web | ✓ Ready in 375ms
task-api | INFO: 172.18.0.1:57630 - "GET /docs%20%20%20%20whats%20this HTTP/1.1" 404 Not Found
```

