

Cytonn Task Manager

Overview

Cytonn Task Manager is a modern, easy-to-use task management system for teams and organizations. It enables efficient task assignment, progress tracking, and user management, all within a secure and responsive web interface.

Tech Stack

- **Backend:** Laravel (PHP), MySQL, Laravel Sanctum (API Auth)
 - **Frontend:** Vanilla JavaScript, Bootstrap 5, HTML/CSS
 - **Infrastructure:** Docker, Docker Compose, Nginx, MailHog (for email testing)
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Requirements

- Docker & Docker Compose
 - Git
 - Modern web browser
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Demo Logins

- **Admin:** admin@taskmanager.com / password
 - **User:** john@taskmanager.com / password
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Infrastructure & Setup

- **Clone the repository:**

```
git clone <repository-url> && cd taskmanager
```
 - **Run setup:**

```
./setup.sh
```
 - **Access the app:**
 - Frontend: http://localhost
 - Backend API: http://localhost:8000
 - MailHog: http://localhost:8025
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API Endpoints

Authentication - POST `/api/login` — Login - POST `/api/logout` — Logout (auth required) - GET `/api/user` — Get current user (auth required)

Users (Admin only) - POST `/api/register` — Register new user - GET `/api/users` — List all users - GET `/api/users/{user}` — Get user by ID

Tasks - GET `/api/tasks` — List all tasks - POST `/api/tasks` — Create a new task - GET `/api/tasks/{task}` — Get task by ID - PUT `/api/tasks/{task}` — Update task - PATCH `/api/tasks/{task}/status` — Update task status - DELETE `/api/tasks/{task}` — Delete task

Email Notifications

- Users receive email notifications when tasks are assigned to them.
 - All emails are routed to MailHog for local development/testing.
 - For production, update mail settings in `backend/.env`.
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Support

For questions or support, email: support@taskmanager.com