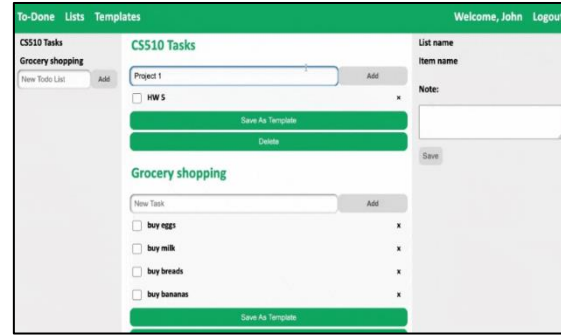# WorkFLOWPro

Get things Done! with friends and AI

Introduction

- **What current applications do?**

  The current To-Done application lets you manage your Todo lists effectively with minimal effort. You can access your Todo lists on the go with a minimalistic web interface. It provides a library of templates to create a new Todo list very fast or create your template.

  - o **Work Alone:** No collaboration; cannot share lists and tasks with other users.
  - o **Less input options:** Allows you to only create text lists with no option to add rich text elements like headings, markdowns, or images.
  - o **Cluttered lists with no organization:** Cannot organize the lists into categories or workspaces.
  - o **Minimal Security:** Email signup without authentication.

Current system UI SS

Tech Stack

NEXT.js

shadcn/ui

supabase

ChatGPT

socket.io

Enhancements

- **What will you love WorkFLOWPro?**

  Gone are the days of boring Todo Lists! We introduce *workflows* to manage your tasks.

  - o **Real-Time Collaboration:** WorkFLOWPro enables multiple users to collaborate on tasks simultaneously. Experience live updates and changes through the Supabase Presence API, ensuring everyone is on the same page.
  - o **Rich Text Editing:** Create and manage tasks using a full-featured rich text editor. Format your tasks with headings, lists, images, and emojis, making your descriptions more engaging.
  - o **Multi-Workspace Management:** Organize your projects effortlessly by creating multiple workspaces. Manage tasks in a structured folder and file hierarchy, tailored to your specific project needs.
  - o **AI-Powered Assistance:** With our ChatGPT integration, get instant answers to your tasks-related questions. Leverage AI insights to improve productivity and streamline your workflows.
  - o **OAuth Login:** Sign in effortlessly using your Google or GitHub account, and email authentication, making onboarding quick and hassle-free.

What value do you get from using WorkFLOWPro?

- **Boosted Productivity**: *Seamless Collaboration;* With real-time collaboration, users can work together effortlessly on the same tasks without delays or miscommunications, helping teams complete projects faster. *AI-Powered Efficiency;* With integrated AI assistance, users can get instant task recommendations or answers to questions, eliminating time spent searching for information or managing tasks manually.
- **Streamlined Task Management**: *Custom Templates:* Reusable templates streamline repetitive tasks, helping users quickly set up lists without starting from scratch every time. *Automated Task Suggestions:* Users receive intelligent task recommendations based on past activity, helping prioritize what needs to be done next without manual intervention.
- **Security and Peace of Mind**: *Data Privacy:* WorkFLOWPro ensures that users' tasks and documents are securely stored, giving peace of mind that sensitive data remains protected.

App Workflow

- User logs in securely
- Creates or selects a workspace
- Adds and customizes tasks
- Invites collaborators to the workspace
- Edit tasks collaboratively in real-time
- Uses AI for task assistance
- Delete tasks once complete

Project Milestones

- User Auth & Workspace Setup
- Task creation & Rich Text Editing
- Real-time collaboration features
- AI Integration & User Assistance
- Testing & Deployment

Future Scope

- **What can we add to WorkFLOWPro?**

  - o **Mobile Application:** Developing a native mobile application using React Native to allow task management on-the-go with offline support.
  - o **Automated Task Suggestions:** Based on user activity and habits the application will suggest tasks using machine learning algorithms to predict priorities.
  - o **Advanced Analytics Dashboard:** Offering users insights into productivity metrics task completion rates and collaborative efficiency through visual dashboards.
  - o **Custom Task Templates:** Users will be able to create custom task templates for recurring task lists streamlining task creation across multiple workspaces.
  - o **Integration with External Services:** Provide integration with third-party tools such as Google Calendar, Slack or Microsoft Teams for enhanced task management and notifications.
  - o **Push notifications and Alerts:** Implement push notifications service/email service to alert users about potential deadlines for a task

Group #101 members

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GitHub Repo Link

Demo Video Link