

# **SIMPLE-TODO-APP**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**SKILL ENHANCEMENT PROJECT**

**PROJECT STUDENT**

**P. Sujith, 43110665**

# AGENDA

- Abstract
- Existing system
- Proposed system
- Advantages
- Disadvantages
- Hardware requirements
- Software requirements
- Modules
- Module description
- Sample output(screenshot)
- Conclusion

# ABSTRACT

- Comprehensive overview explaining that this is a web-based task management application focused on enhancing personal productivity through intelligent task organization, progress tracking, and user-friendly interface with features like authentication, categorization, analytics, and productivity tips.

# EXISTING SYSTEM

- Lack of task categories and priority settings, making organization difficult.
- No user accounts or personalization, so data is not secure or tailored.
- Minimal or no real-time progress tracking or analytics for tasks.
- Static, manual interfaces that are not interactive or engaging for users.

# PROPOSED SYSTEM

- Secure User Authentication for safe login and profile management.
- Intelligent Task Management with priorities and categories for easy organization.
- Advanced Features like real-time filtering, a dashboard, productivity tips, and streak tracking.
- Data Persistence using localStorage to save user tasks and settings in the browser.

# ADVANTAGES

- Increases productivity by organizing tasks well.
- Easy and clear to use for everyone.
- Shows task progress with simple reports.
- Works on any device anytime.
- Saves time with no installation needed.

# DISADVANTAGES

- Data is stored only locally, no cloud backup for safety.
- No team collaboration or multi-user support.
- Basic security without strong encryption.
- Depends on browser and internet, no offline app.
- Limited storage capacity in the browser.

# HARDWARE REQUIREMENTS

- Minimum: Intel Core i3 processor, 4 GB RAM, 1280x720 screen resolution
- Recommended: Intel Core i5 or better, 8 GB RAM, Full HD (1920x1080) display
- Input: Keyboard and mouse or touchpad
- Compatible with desktop PC, laptop, tablet, or smartphone
- Internet connection required for initial load (optional offline later)



# SOFTWARE REQUIREMENTS

- Operating System: Windows 10 or later, macOS 10.14 or later, Linux (Ubuntu 20.04+), or modern OS
- Web Browsers (latest versions): Chrome 90+, Firefox 88+, Edge 90+, Safari 14+
- JavaScript enabled in the browser
- Browser supports HTML5 localStorage API
- Optional tools for development: VS Code, Sublime Text, Atom, Node.js and npm
- Minimum screen resolution: 1024x768 (recommended 1920x1080)

# MODULES

- Authentication
- Dashboard
- Task Management
- Task Filtering
- Analytics
- Settings

# MODULE DESCRIPTIONS

- **Authentication:** Allows secure user access with registration, login, and logout features.
- **Dashboard:** Displays overall task stats and motivational tips to boost productivity.
- **Task Management:** Enables adding, editing, deleting tasks with priority and due dates.
- **Task Filtering:** Facilitates quick finding of tasks by category, priority, or completion status.

# SAMPLE OUTPUT

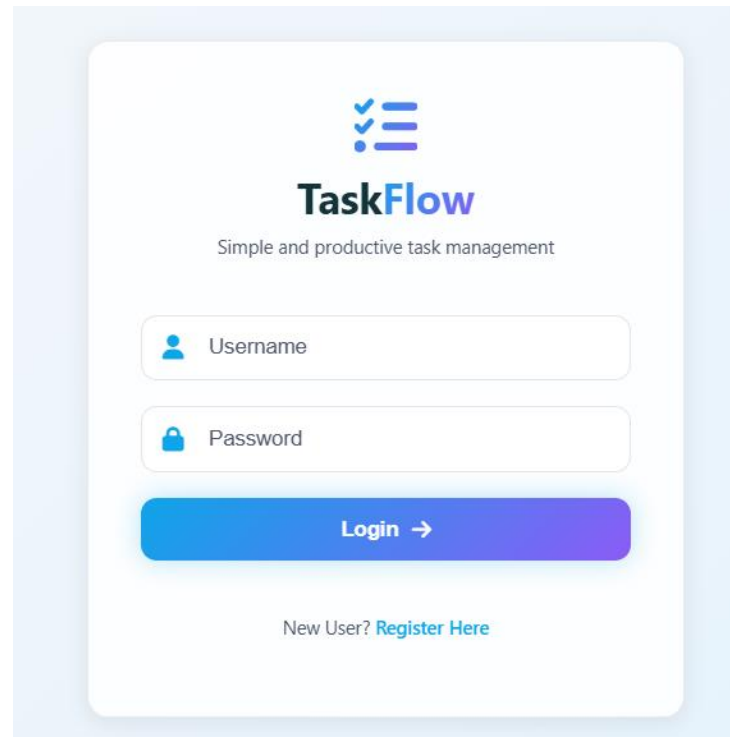


Fig1:-HOME PAGE

# DASHBOARD PAGE



 Overview

 All Tasks

 Completed

 Settings



## Dashboard Overview

Tuesday, October 28, 2025



 **3**  
Total Tasks

 **1**  
Completed

 **0**  
Day Streak

 **33%**  
Completion Rate

### ★ Today's Focus

+ Quick Add

No tasks due today 🎉

### 💡 Productivity Tip

Set realistic deadlines for your goals

🔄 Next Tip

# TASK PAGE

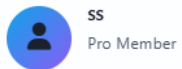


 Overview

 All Tasks

 Completed

 Settings



## All Tasks


Tuesday, October 28, 2025



 Search tasks...

All Categories ▾

All Priorities ▾

 AI Suggest

### + Create New Task

What needs to be done?

 Medium Priority ▾

 Work ▾

dd-mm-yyyy 

+ Add Task



Complete Java full-stack project

 HIGH

 work

 Oct 30



# CONCLUSION

This system helps users stay organized and finish tasks on time. It solves many problems like poor task tracking and lack of motivation. In the future, cloud syncing, mobile apps, better AI suggestions, and team features can be added. It is great for both students and professionals who want an easy and effective way to manage work.