



DevFocus: FocusBot

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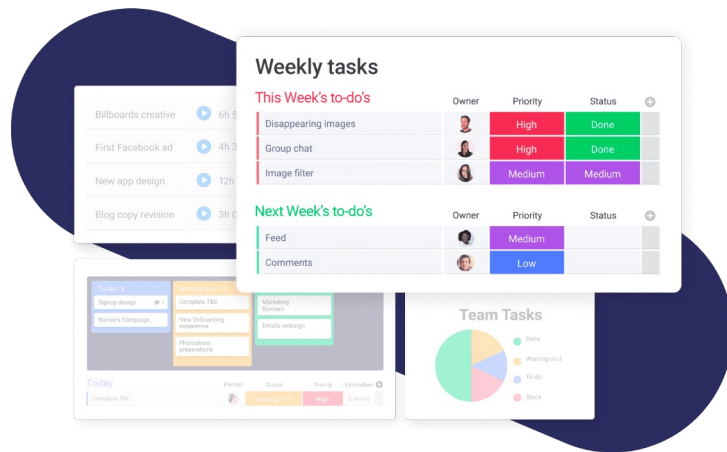
Problem

- Developers often have many responsibilities.
 - Projects are broken down into multiple tasks
 - Frequent requirement changes lead to the addition of even more tasks
- Remote work present many distractions (e.g. household distractions, digital diversions...)
- Remote work decreases an individual's motivation and accountability



Solution

- A task management tool with productivity aids
 - Plans weekly tasks
 - Tracks progress on current task
 - Offers suggestions to boost productivity
- Enables team members to see each other's task statuses
 - From pending to completed and those currently underway
 - Able to assist other members with challenging tasks



Use Case: Logging Tasks

Preconditions	Main Flow	Subflows
User: <ul style="list-style-type: none">- is logged into app,- has tasks to work on.	User will: <ul style="list-style-type: none">- go to the planning page and add a new task,- input task information (i.e., description, priority, deadline, estimated difficulty/duration).	User will: <ul style="list-style-type: none">- log current working session,- respond to app prompt for purpose of session (i.e., add task)

Relevance to teamwork in SE

- Offer transparency and collaboration among team members
 - Allows developers to see what their colleagues are working on and possibly offer assistance
- Streamline task management within a team
 - Allows developers the ability to assign tasks, track progress and set reminders
- Enhance overall team performance
 - Enables developers to contribute their best work and ensure timely delivery of project milestones

References

- [1] S. Lund, A. Madgavkar, J. Manyika, and S. Smith, "What's next for remote work: An analysis of 2,000 tasks, 800 jobs, and nine countries," McKinsey Global Institute, 2020. [Online]. Available: <https://www.mckinsey.com/featured-insights/future-of-work/whats-next-for-remote-work-an-analysis-of-2000-tasks-800-jobs-and-nine-countries> (Accessed Sep. 20, 2023).
- [2] E. Aktaş, "The Software Engineer's Guide to Avoid Work-From-Home Burnout," Medium, 2020. [Online]. Available: <https://betterprogramming.pub/the-software-engineers-guide-to-avoid-work-from-home-burnout-b5d887601641> (Accessed Sep. 20, 2023).
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