ClockWork: Time Estimation

Milestone 6

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Task: Test/Demo Entire App

Brief: A static white box code review was conducted while writing the developer manual and a full demo of the features was conducted. As a result, a few adjustments were made to improve code quality.

Status: 100% Complete

Task: Conduct Evaluation

Results: Evaluators did not use the app enough to give feedback about its efficacy at improving their time estimation abilities.
Evaluators who used the features believe they would be helpful.

Status: 100% Complete

Task: Create Dev Manual

Brief: Create a manual detailing the design choices and various classes and files found in the project for a future team.

Status: 100% Complete

Task: Create Demo Video

Brief: Create a demo video showing off the app's final state and functionality.

Status: 100% Complete

Task: Finish Timeline Visualizer

Brief: Complete the frontend for users to view the completed/previous task timeline.

Status: 20% Complete

Task: Finish User History/Stats

Brief: Complete user history and statistics page for users to view their previously completed tasks and their improvement/estimating history.

Status: 40%

Todo: Filter templates method, UI for template selection, page updates

Task: Session Reminders

Brief: Allow the user to schedule reminders for task sessions.

Status: 50% complete:
Fully working reminder system, users can set a time to be reminded about a session
Missing: user cannot add multiple reminders per session or use relative scheduling

Task: Improved Estimate Info

Brief: Show last duration, error, and other helpful information when estimating a new task

Status: 100% complete:

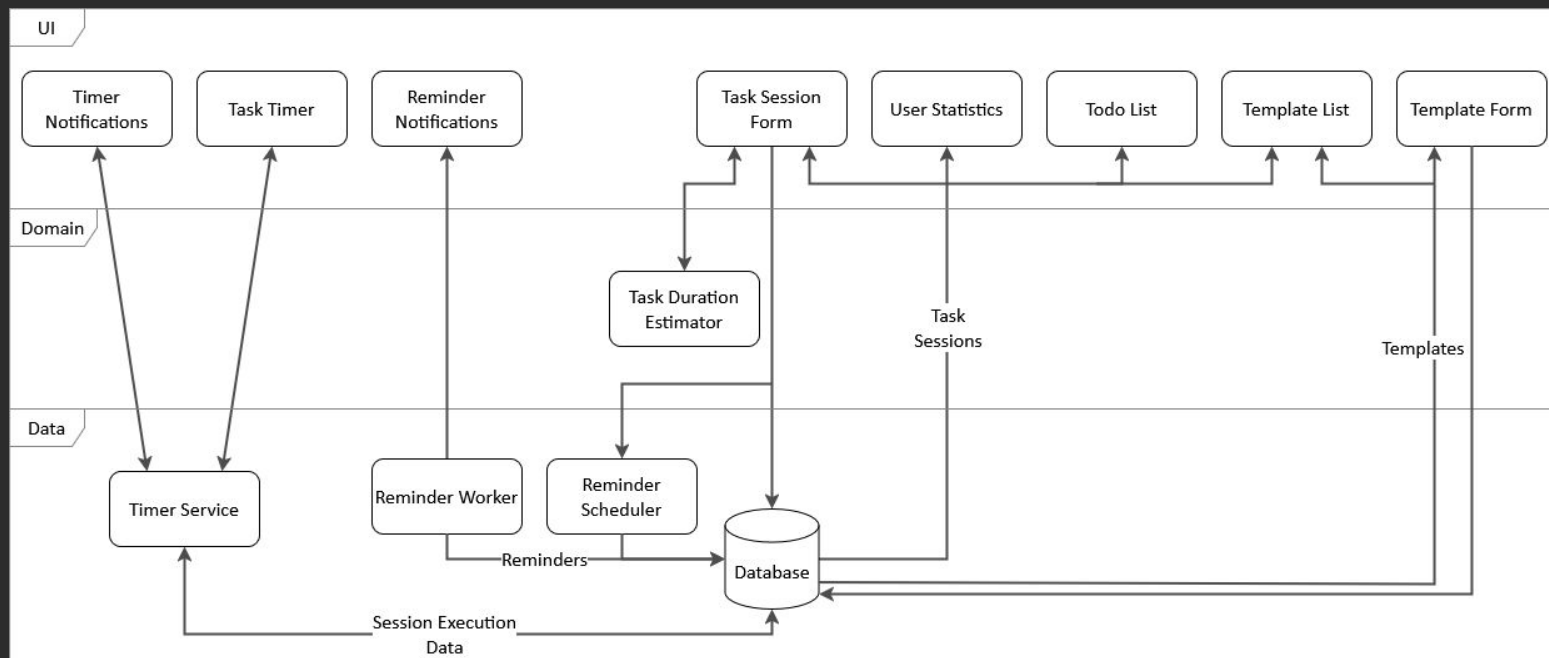Added an average duration for sessions with the same properties (difficulty)

Added an average error in the form % over/underestimate

Task: Finalize UI

Brief: Revamp the UI to feature a more modern look, making the functionality of each component more intuitive for users

Status: 85% Complete

Task	% Done	Anthony	Christian	Peter	Pierson	To do
1. Test/demo of the entire system	10%	0%	0%	70%	30%	
2. Conduct evaluation and analyze results	100%	0%	0%	100%	0%	
3. Create developer manual	100%	0%	0%	80%	20%	
4. Create demo video	100%	100%	0%	0%	0%	
5. Finish completed session timeline visualization	20%	0%	0%	0%	100%	Finish UI
6. Finish user history and statistics page	40%	0%	100%	0%	0%	Filter templates method, UI for template selection, page regen
7. Session reminder notifications	50%	0%	0%	100%	0%	UI for multiple reminders per session and reminder types
8. Show last duration and estimate error and other helpful information when estimating a new task	100%	0%	0%	100%	0%	
9. Finalize UI	85%	100%	0%	0%	0%	Some additional pages can be revisited for minor UI changes

Demo Video

Video Demonstration

PS

Lessons Learned

- Regular team & client communication

- Use project management tools and processes

- Take more time to understand the problem you are trying to solve

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¡Hasta la Vista!