DIT045 Exemplar 1: Productivity Tool

Fall 2017

Summary

Everyone is busy these days; as the demands of our jobs, home and social lives grow, our individual productivity becomes very important. It is important to maximize individual productivity and make the most of out of our day. This includes a balance between employment and home life tasks, including job functions, travel, household work, domestic responsibilities, sports, social obligations, etc. How to use software and technology to effectively balance these demands? How to keep track of important work tasks, including their sources? How to streamline activities and cut time wasting? How to ensure we meet our obligations to others in our lives, including professional team members, managers, co-workers, friends, family, etc.? Can we use our personal devices to help us manage and balance between these tasks?

More Detail

Existing time and life management tools help us to manage our activities. For example, something like Trello helps us to manage work tasks, while other tools like Toggl help to manage time at work. Health-oriented software like myfitnesspal and sleeptracker try to manage other personal aspects. This project aims to combine and improve employment (including school) and life management, balancing work and personal activities. However, privacy is also a concern, also data security. One should also consider user stress and distress. Does closely managing one's life cause more or less stress? How can such concerns be dealt with by software? What should one track? What are the inputs and outputs? From whom? Other people? Other devices? Which devices can be used as part of the system? How much optionality should the software include?

Novelty

Its fine to take inspiration from existing software and tools, but the requirements for your products should finally describe something which is sufficiently unique and could be a potential competitor to existing applications. The space of possible functions for this domain is big, try to focus on a sub-set (possibly a combination of existing functions) which differentiates your product from existing software.

Further Information

This description is intended to give a good start on developing requirements for the potential system. It's possible that further information or clarifications may be needed in order to model and specify the requirements. You can ask the various stakeholders involved in the domain questions using the discussion forum on GUL. Find the discussion forum for this exemplar. Ask a clarifying question, making sure that you indicate which stakeholder you are asking. The "stakeholder" will provide you an answer. Answers and responses are shared between all teams working with this exemplar.