

Project Plan HCI

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October 11 2018

1 Group Plan

1.1 Team Members

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1.2 Revised Project Description

We will implement a goal tracking system through a website/app which allows you to set your own goals. It would be reminiscent of a step tracking device which could have daily page goals, or perhaps a chapter per day, or just a certain amount of time. We will implement a visual way to represent the user's progress through the book. One idea we have for this is for the book to be represented by a tree, with branches being different chapters and pages being leaves. The app or website would send reminders and reports to summarize your progress and encourage you to read more. We could add in some form of rating and storing information about the books so you can look back on your favorite books and your thoughts about them. We could also include an element of competition with friends.

1.3 Meeting Schedule

Monday at 3:30PM in engineering library

1.4 Group Chat / Documentation

Slack workspace (hci-project) for communication and shared dropbox folder for storage of materials, shared overleaf documents to generate PDFs to turn in.

2 Research Plan

We will first each conduct 2-3 interviews to get a better understanding of our users and their preferences, then we will restructure our survey questions based on their responses. The interview is meant to help us understand peoples habits

and if they would find our product useful. We would also like to know about their current use of goal tracking apps and what features they find helpful, so that we can implement them in our website/app. The interview will give us a good idea about if our current vision would be helpful and what we should modify about it. Finally, we will circulate the survey among as diverse an audience as possible. We will try to hit different age groups, not just college students. We will also try to find people who have different habits and lifestyles. These two research methods would be the most helpful for the type of product that we are trying to design. In terms of recruitment, we will both ask our friends and classmates as well as family members possibly in order to get a diverse selection.

2.1 Part 1: Interviews

1. How many books do you currently read per year, and are you satisfied with this number?
2. How much time do you spend per day on apps such as Instagram, Facebook, Reddit, and Youtube, etc?
3. Do you think you would enjoy replacing these activities with time spent on reading, explain why or why not.
4. What type of goal tracking apps do you currently use (if any) and do you feel that they are helpful, if so what aspects of them do you like and dislike?
5. Does healthy competition encourage you to work towards your goals?
6. Would you consider trying an app/website that would track your reading progress and encourage you to read more?

2.2 Part 2: Surveys

1. Estimate how many books you read per year?
 - a) 0-1
 - b) 1-5
 - c) 5-10
 - d) Greater than 10
2. Would you like to read more books than you do now?
 - a) Yes.
 - b) No.
3. How much time do, per day, do you think you waste on your phone or on the internet?
 - a) Less than 1 hour
 - b) 1-2 hours
 - c) 2-4 hours
 - d) 4 hours or more
4. What time during the day do you have the most leisure time which you could spend reading?
 - a) Morning
 - b) Afternoon

- c) Evening
- d) Night time

5. How helpful do you find goal tracking apps? Scale of 1-5: 6. How likely is it that you would read more books if you had encouragement from an app similar to a step or fitness tracker? On scale of 1-5 (5 being very likely and 1 being not at all).