

The proposal document

title: Personal Data,

We decided to build a visualization for personal data. Nowadays people are so busy with their works or studies that sometimes they neglect the trivial but important aspects of their lives, data such as how much sleep they have, how many exercise they make or how much fat they consume. More importantly, even if they know the numbers and statistics, usually they have no idea what does this means to himself/herself. Our proposal is to focus on one aspect the this data, collect the statistics while at the same time analysis whether the user is in a healthy position or not.

1. data collection. We will have to find access to collect this data from 3rd party Apps or devices. These data collects certain personal statistic in everyday lives. We have yet determine what data to use. This is based on what we can obtain.

2. data processing. We will need these aspects:

(1) collected data.

(2) history collected data. To show the trend of this certain aspect.

(3) personal parameter. To calculate whether this data is good/bad for this individual. Normally this setup is determined by doctors or other facilities. For this assignment we may determine this by common sense. This is to give a conclusion of the data.

(4) general standard. To compare your data with general standard numbers.

3. visualization principle. This visualization is for users who want to check certain aspect of their lives.

(1) Design the first impression. The first visualization is a designed visualization to tell the users the conclusion. This is not a chart, but a graphic expression from the data.

(2) Allow people to see the trend, the history, certain parts of the history, comparison....

(3) Explanation of each person parameter and their influence of our conclusion. Allow people to change their parameters.

(4) an overview how this data compare to the general standard. possibly compare this with another friend's data.

(5) interactive design.