

KChat+MBTI

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Design Document

Overview

Project Description: I was in a chat and one day and the topic of MBTI types came up. Soon enough everyone in the room was taking a online test to determine their type. As the results came in it became clear that many in the room had types that were rare in the general population. I independently began collecting the data. Wanting to learn more about databases, I've chosen to build a small MySQL database to house the data. Wanting to learn more about web development, I've chosen to build this small site with PHP and HTML to display the results.

Development Languages: PHP (with [JpGraph](#)), HTML, CSS, MySQL.

Development Tools: Git, Sublime Text 2, Sequel Pro, MacBook Pro.

Host: [Site5](#)

Credits:

Project Manager, Designer, Developer: [Peter B Smith](#)

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Pages

header

Description: Fixed header displaying “Kchat+MBTI” across center with page subtitle in smaller font below. Home and menu icon on the right side.

footer

Description: no footer

index

Description: Simple display of a 4 column table (Headings: Rank, Type, # of people, %). Table rows have alternating row colors.

about

Description: Page displaying credits, see mockup for details.

menu

Description: One column table will serve as the menu/nav. Links to: Types, Most, dimensions pages, and about.

most

Description: Tables displaying who is the most extraverted/introverted...

types

Description: An info box displaying MBTI type info for each person. Left side of the box is a list of clickable names. When a name is clicked the right side of the box displays details of that persons MBTI type (see mockups).

dimensions

Description: There are 5 dimensions pages, each displaying 3 graphs. The graphs are displayed vertically down the center of the page with one dimension down the left, the other dimension down the right.

The 5 dimensions:

1. Extraverted / Introverted
2. iNtuitive / Observant
3. Thinking / Feeling
4. Judging / Prospecting
5. Assertive / Turbulent

The 3 graphs:

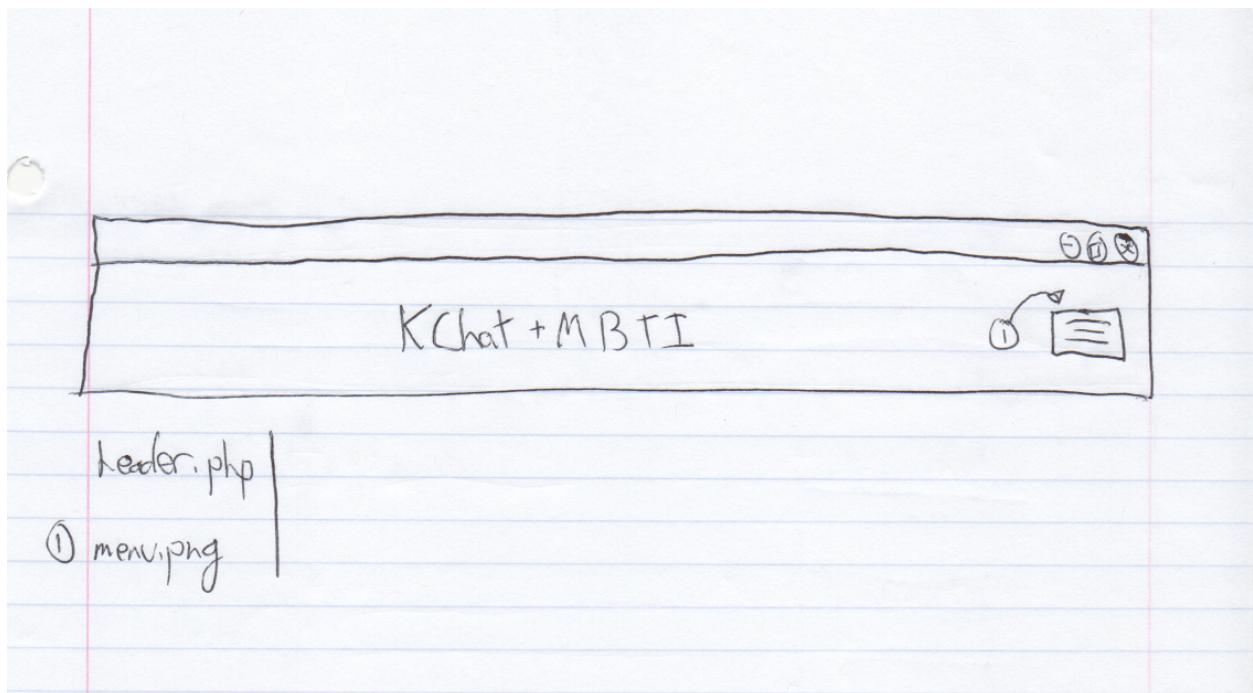
1. Upside down bar graph showing # of people in each dimension
2. Pie graph showing % of people in each dimension
3. Split direction horizontal bar graph showing intensity* each dimension.

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**Intensity = sum(intensity points of each person) / (# of people in that dimension * 100)*

Mockups

header



Colors:

font : black

background: white

footer

none

index

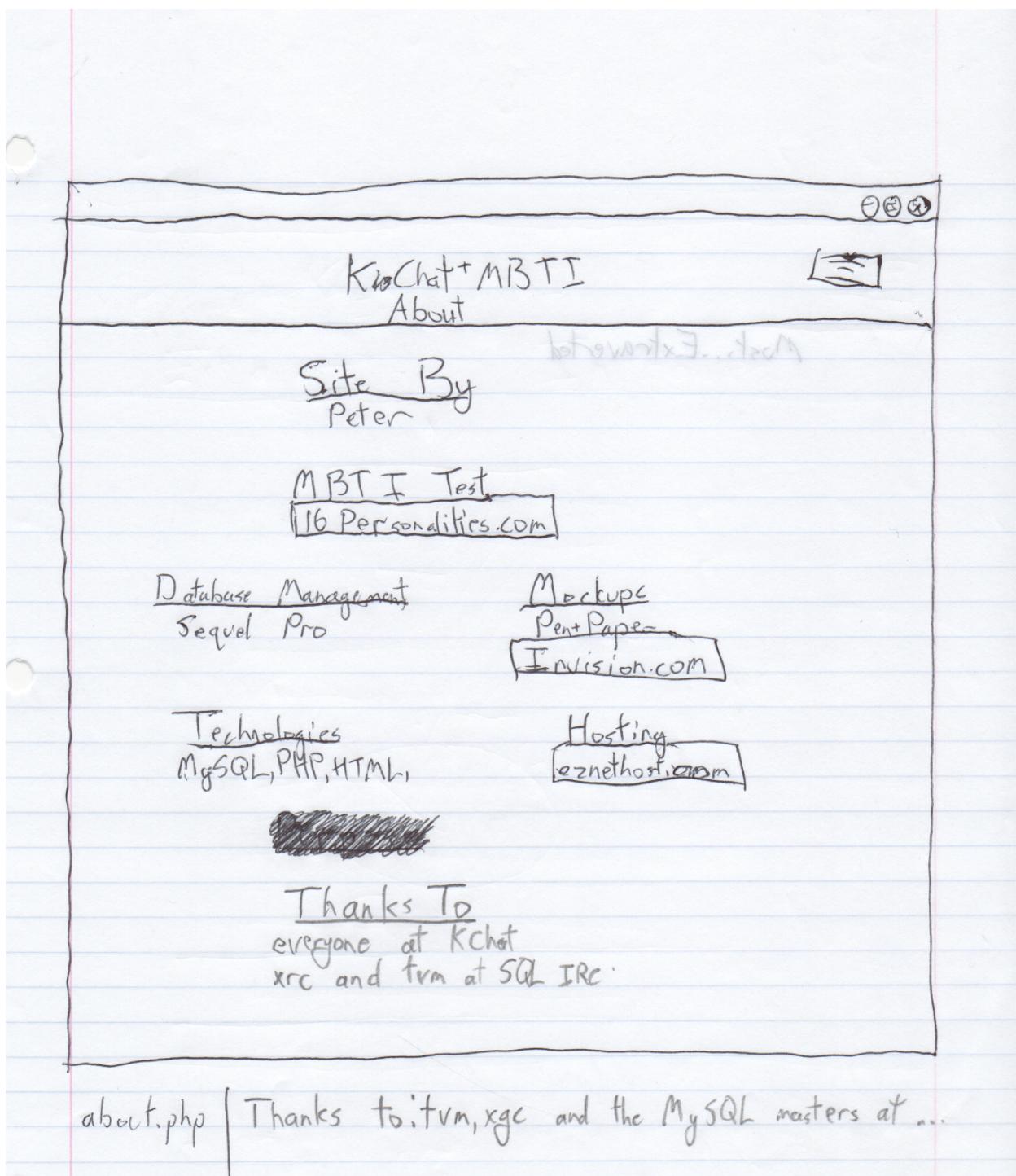
A hand-drawn wireframe of a web page. At the top left is a header 'Peter's Friend'. On the right is a small icon. Below the header is the title 'K-Chat + MBTI' next to a three-line menu icon. A table follows, with columns labeled 'Rank', 'Type', '#', and 'Percentage'. The data rows are:

Rank	Type	#	Percentage
1	INTJ	5	21%
2	INFP	4	17%
3	ENTP	4	17%
4			
5			
6			
7			
8			
9			
Totals		21	100%

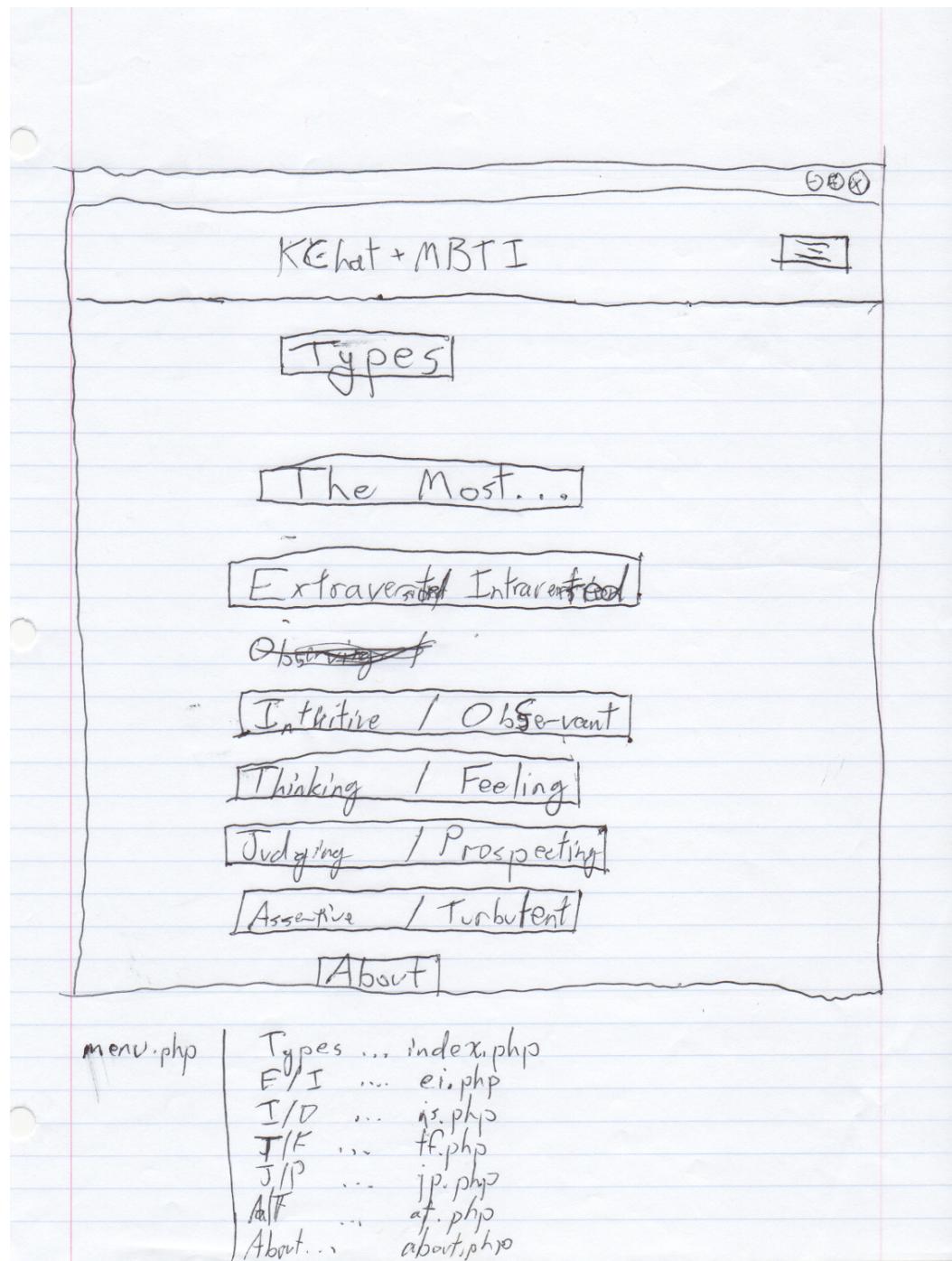
Below the table, the file name 'index.php' is written, followed by a vertical line and the text 'Rank/Type/#/Percentage ... sort by, descending' and 'INTJ/INFP/ENTP ... view details'.

Colors: Heading row is white font, black background. Odd rows are dark gray, even rows are light gray. Total row is darker gray.

about



menu



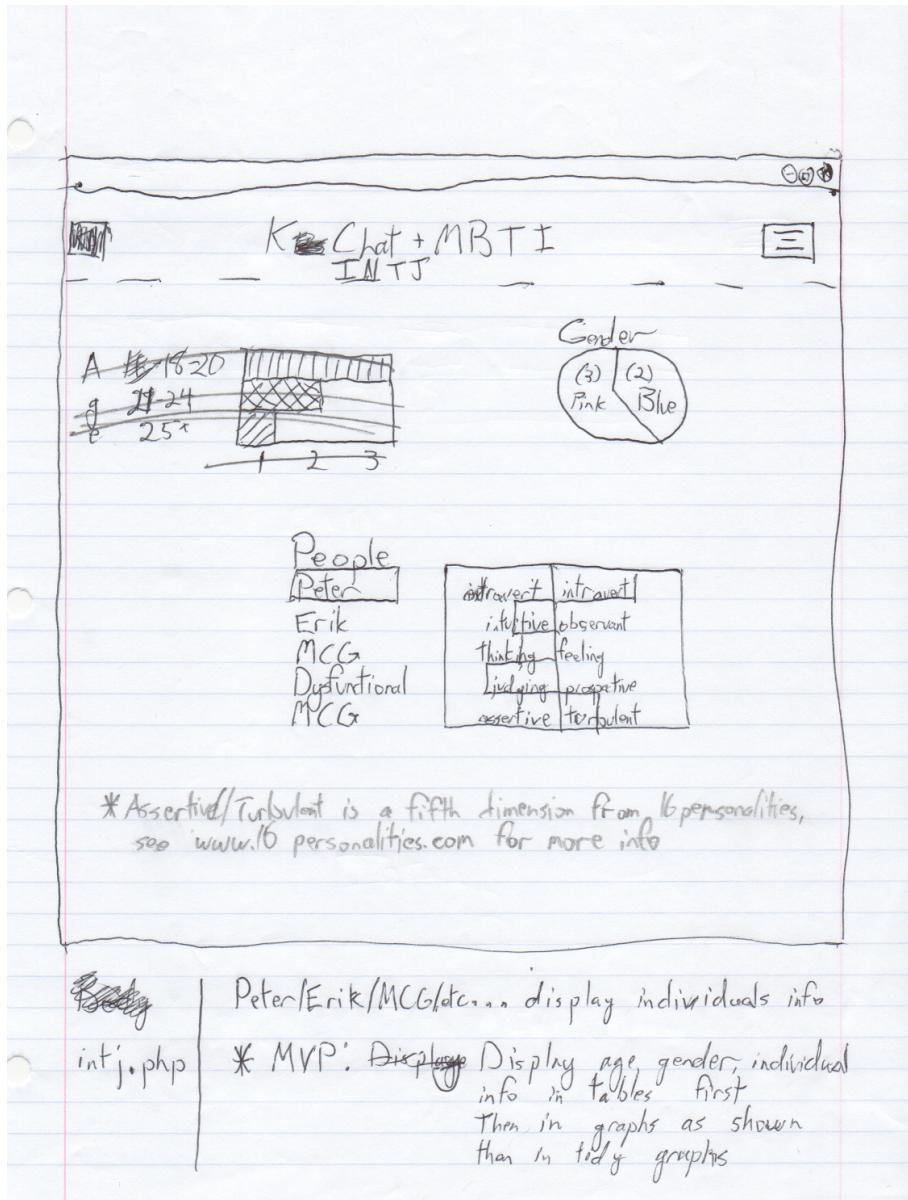
Color: Odd rows are dark gray. Even Rows are light gray, font is black.

most



Colors: Headings are all black background with white font. Rows are dark gray with black background.

types

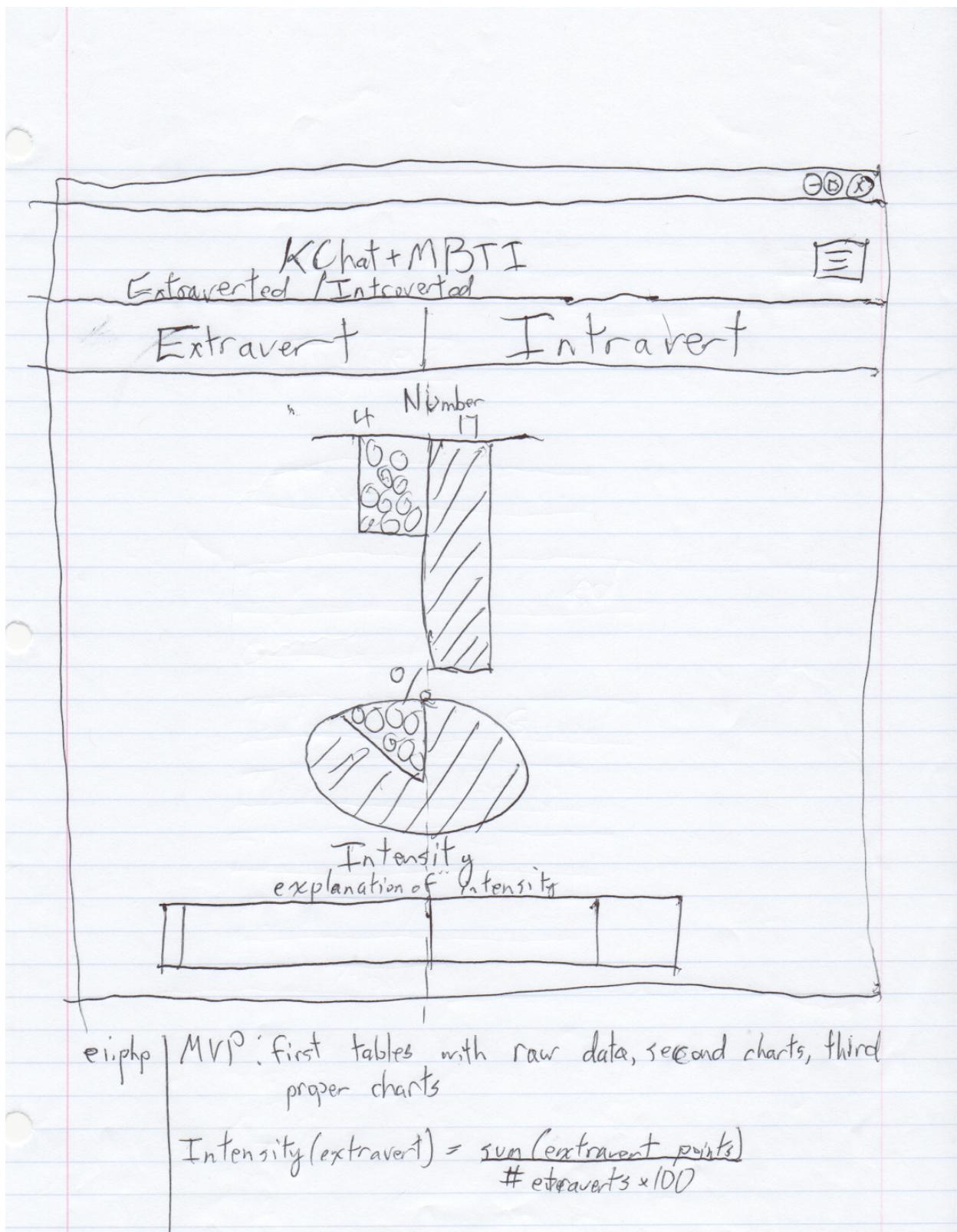


Notes:

- people details graph is 5 stacked horizontal bar charts, each a different color. Left side given negative values. (Ex: on Introvert / Extravert dimension an introvert with intensity of 48% is given a value of -48% to make the bar go to the negative direction (leftward)).

Colors: Bar colors in descending order: Red, Yellow, Green, Blue, Violet.

dimensions



Colors: left-side bars are yellow, right-side are blue. Black font.

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