Enigma Elucidation
Client Meeting 9/27

Requirement Specifications Stage

Goals of SAS
- 1st -creating and deploying IATs as easy as possible
- 2nd-gathering and analyzing IATs as easy as possible
  - -open ended tasks

2 types of users of SAS
- 1 administrative user
  - Primarily Dr. Breimer or whoever he shares the administrative password with
  - One specified history of IATs
  - login, create any IAT, edit any IATs
- IAT participants (anyone wanted to participate in a study)
  - will visit the URL of a deployed IAT and take it

<u>Participants could be anyone:</u> Dr. Breimer may reach out to alumni or any friends via Facebook. There is a message board about gender issues in computer science, he could easily post the URL of an IAT on this wall "help me with my research, take this interesting IAT about gender perceptions in CS". Therefore, we must classify all IAT participants as one type of user, (whether they be students, faculty from Siena, alumni, or even high school teachers across the nation)

4 Major Areas of the Project (in ordered list) :
(1) Creating a system that generates an IAT; a web application to be easily used.

(2) Allowing Dr. Breimer to create a Demographic Survey that easily connects to each IAT
- -PHP open source survey engine (easy to find)
- a)Integrating the IAT and survey or b) could be completely 2 separate sections, just paired together
- -there is evidence that giving the survey at the beginning of each IAT is more effective in terms of better results

(3) IAT creator – select 4 categories; select stimuli (up to 20) images or (up to 20) words
- when uploading an image- maybe it'd be nice to select a category for it to go with.
- details or specifications : figuring out which information to handle first (order of things)

(4) Analyzer- Tool used to analyze all the data (many specifications)
Dr. Breimer wants to:
- see all IATs (possibly dozens)
- pick IAT
- browse raw data
  - -listing of participants
  - summary of information (did they complete the IAT, etc.)
  - associations for which category (associations scores)
  - how closely does each participant associate of the 2 combinations: 1 and 2 with each A and B [ex: Computer Science and Positivity, Biology and Negativity, Etc.]
  - mean, standard deviation of latency for each question

Areas, priority wise: 1st-> 1, 2, 3 are needed 2nd-> 4 is not needed; just wanted

Next meetings we will go over 2 of each of the 4 major areas

Next time: we will talk about the IAT and the Survey.
-Walk through with project implicit to see how they've implemented
-Filling in the blanks–> how to review the results.
-What the blocks mean.
(1-2) to test you easily to make sure you understand how to take the IAT
(3-7) all the different pairings.
We will talk about what is the purpose of every block.

In 2 weeks: we will discuss the creator and analysis of the IAT raw data.