Team Red

Weekly Development Report # 4

Performance Period: Tuesday 2/1 - Monday 2/7

Individual Contributions/Accomplishments:

- Matt: spoke to Tanner and Jason to provide aid in the structuring of the MySQL database and figure out what datasets we might need for training the algorithm | continued to learn Machine Learning fundamentals and develop minor diagrams of code | created Lab 2 section 3 outline
- Dannisse and Will: have been collaborating on the associative algorithm | getting the code loaded to GitHub, and operable in pycharm - Fixed flask issue with recognizing and running web framework after pulling GitHub code.
- Will: Incorporated complete website navigation and started user submission capability with alerts.
- Tanner: Initial 50 books placed in database, additional 50 w/ script added, (3 tables total, 2 50's , 1 combined). Spoke with Matt/Jason about furthering tag structure development with the database.
- Jason: Connecting to MySQL VM, friday meeting with Matt/Tanner where Matt provided MySQL resources for review and new datatables were discovered that would aid the training algorithms, added new searchhistory table to be attached to AskMissyUserdb with idsearchhistory, bookid, and review in columns, working on classid csv to attach specifics on different classes to the user profiles.
- Trey: Continued to learn machine learning principles. Specifically deepened understanding of how to simulate machine learning using artificial data. Had discussions with Matt, Laura, and Professor Brunell about machine learning expectations.

2. **Issues/Concerns:** Examples below…
    - **Apriori Algorithm** - Unable to properly import Apriori API to PyCharm
    - Making an automatic script to pull from goodreads(haven't looked into it intensely), to create a large enough database of books.
        i. Matt's input - let's use the data I found. It is old but *very* comprehensive and already provides this data.