

SPRINT 2 Plan

Crowdsourced Anonymity

Team Crowdsourced Anonymity

Completion Date: July 15, 2019

Revision #1, July 9

Team Members: Raghav Chaudhary, Hoa Nguyen, Neel Apte, Cheryl Kulkarni, Abhay Joshi

Goal: The high level goals of this sprint are to:

- 1.) Be able to hold large amount of user history on a server
 - a) Be able to link web pages to users
 - b) Ensure privacy
- 2) Be able to group users into link-sharing groups
- 3) Add more websites to the ban list

Sprint Two Task Listing:

User Story 1: (3) As a user, I want to be able to have my data be randomized with four other people's data so that my privacy can be maintained.

- 1) Store user data into db (3 hours)
- 2) Randomize the user data with four other users (6 hours)
- 3) Set groups for link-sharing

Total for User Story 1: 9 hours

User Story 2: (2) As a user, I want to make sure that I do not visit certain dangerous websites so that my online info remains protected.

- 1) Add more features to the python program that parses out dangerous url's (potential dark website urls, illegal drug selling websites and potential virus links. (4 hours)
- 2) Include a user inputted website to add to ban list
- 3) Change the data structure used to store banned website into a hashtable for more efficient storage and search

Total for User Story 2: 4 hours

User Story 3: (5) As a user, I want to make sure that the data that is stored in the database is extracted without violating my privacy.

- 1) Have to ensure that we safely and efficiently extract user's history from our database. (2 hours)
- 2) Have to ensure that all user's data remains private in our database, prevent potential hacks of our database

a) Would result in massive damage similar to Equifax's hack (2 hours)

Total for User Story 3: 4 hours

Team roles:

Raghav - Product Owner, Programmer

Abhay - Team Member, Programmer

Hoa - Scrum Master, Programmer

Cheryl - Team Member, Programmer

Neel - Team Member, Programmer

Initial Task Assignments:

Raghav - **As a user I want to be assured that my data is being randomized with four other random people everyday so that my data is being randomized continuously**, Randomize the user data with four other users.

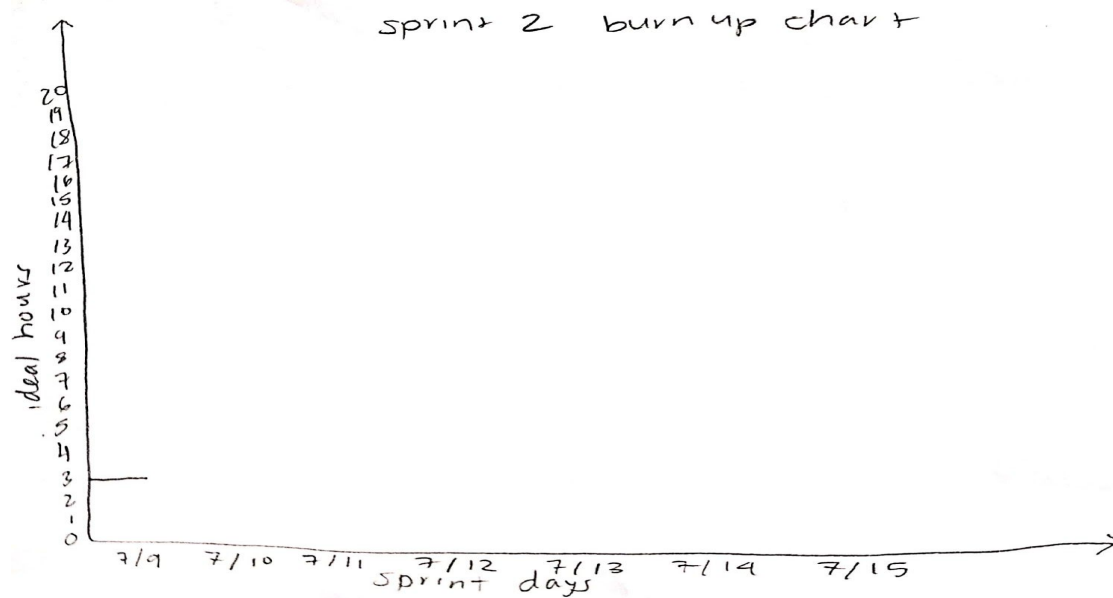
Abhay - **As a user I want to be assured that my data is being randomized with only four other people so that I know that my data isn't being shared with everyone**, Store user data into db. Set groups for link-sharing.

Hoa - **As a user I want to be able to have my data randomized in a way that I can trust the provider that there will be no illegal or dark websites associated on my randomized history so that corporations won't falsely accuse me of visiting such websites**, Add more features to the python program that parses out dangerous url's (potential dark website urls, illegal drug selling websites and potential virus links.

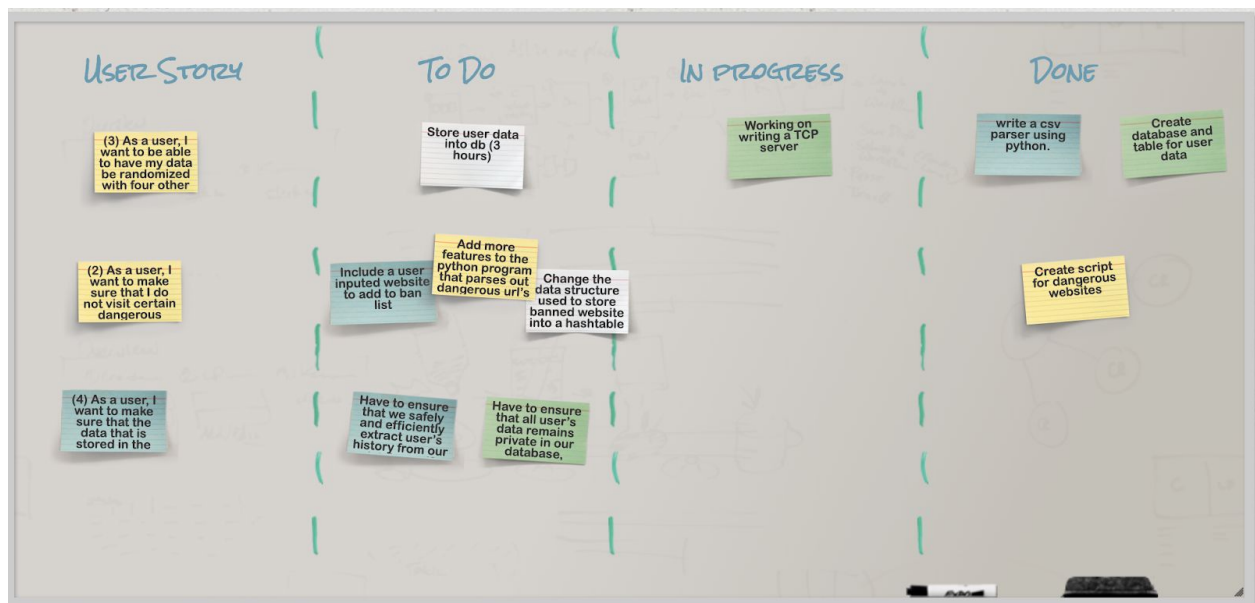
Cheryl - **As a user I want to be assured the database thats storing my data doesn't suffer a data breach or a hack**, Have to ensure that we safely and efficiently extract user's history from our database. Store user data into db.

Neel - **As a user I want to be assured that my data is being randomized with only four other people so that I know that my data isn't being shared with everyone**, Store user data into db. Set groups for link-sharing.

Initial Burnup Chart:



Initial Scrum Board:



Scrum Times: Monday, Wednesday, Friday at 2:00pm