

Sprint 2 Plan

Wikitrust - Sprint End Date: 11/03/19

Rev 1.0 @ 10/21/19

Goal

The goal of this sprint is to build the infrastructure that allows us to compute, store, and analyze two different versions of a Wikipedia article.

User Stories

#1 - As a WikiTrust user, I would like the computation to be done in the cloud, so that I do not have to have a powerful computer. (20 story points)

Overall time estimate: 26 hours

- Create an AWS instance and initialize databases. (6 hours)
- Create database python wrapper for easy reads/writes. (7 hours)
- Create a hashing algorithm to store unique diffs. (2 hours)
- Optimize queries to be fast and efficient. (3 hours)
- Write a function that searches a Wikipedia page using a string. (3 hours)
- Write a function that includes extra parameters in queries to get categories, timestamps, and other metadata. (2 hours)
- Write a script that outputs a combination of the previous revision and the current revision of an article. (3 hours)

#2 - As a WikiTrust user, I would like to see a calculated trust value for parts of the Wikipedia page I choose, so that I know how reliable they are individually. (13 story points)

Overall time estimate: 11 hours

- Translate the previous algorithm from python 2.7 to Python 3. (1 hour)
- Test the algorithm to make sure it is working properly. (4 hours)
- Create an AWS instance and run the algorithm on that instance. (5 hours)
- Update the algorithm to receive the input and provide the output. (1 hour)

Teams Roles

Joseph Csoti: "Cloud Manager", "Product Owner"

Cagan Bakirci: "Software Engineer", "SCRUM master"

Bryan Jimenez: "Software Engineer"

Initial Task Assignment

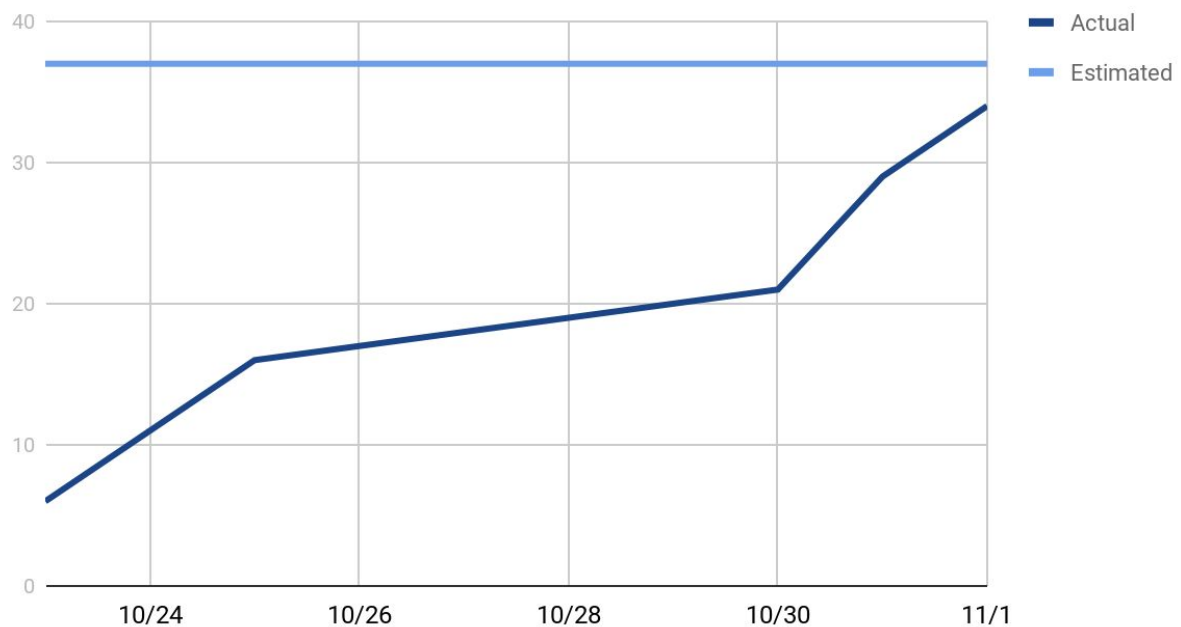
Joseph Csoti : User story #1, Initial Task: Create an AWS instance and initialize databases

Cagan Bakirci: User story #2, Initial task: Translate the previous algorithm from python 2.7 to Python 3.

Bryan Jimenez: User story #1, Initial task: Write a function that searches a Wikipedia page using a string.

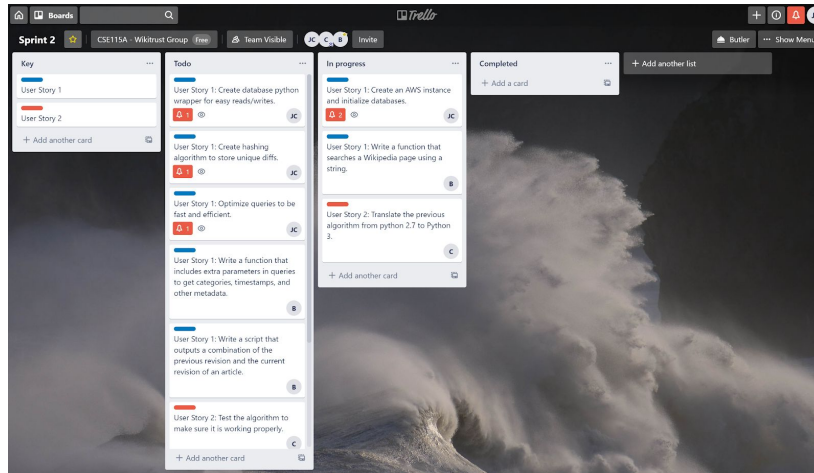
Initial Burnup Chart

Burn Up Chart



Initial Scrum Board

<https://trello.com/b/sXYKMniO>



Scrum Times

- 10/23 - Wednesday 10:30 (TA Meeting) @ Baskin 340
- 10/25- Friday 10:00 (WikiTrust Team Meeting)@ Baskin 399
- 10/30 - Wednesday 10:30 (TA Meeting) @ Baskin 340
- 10/31 - Thursday 12:00 @ 316
- 11/01 - Friday 10:00 (WikiTrust Team Meeting)@ Baskin 399