Cartograms 4 All

Sprint 1 Plan

Goal

Allow for users to visualize their own datasets.

Tasks

A. As a user, I want to generate cartograms so I can better visualize data - 1 story point
  1) Fork Timothy Burkhart's code base so that we can build on it.
     3 work hours
Total hours: 3

B. As a user, I want to upload my own datasets so I can get my own visualizations - 1 story point
  1) User upload of datasets onto the file system (csv)
     2 work hours
Total hours: 2

C. As a user, I want to customize my dataset so I can visualize certain aspects of the data - 8 story points
  1) Editing the backend to take user-input values
     4 work hours
  2) Front end form to allow for data customization
     6 work hours
  3) Backend to analyze user-input datasheets to allow for data to be presented to user in more readable format
     3 work hours
  4) Documenting the backend/project
     5 work hours
Total hours: 18

D. As a user, I want to customize the cartogram algorithms so I can visualize the data in my own way - 8 story points
  1) Implementing other cartogram algorithms
     12 work hours
  2) Including customizable parameters
     10 work hours
Total hours: 22

Team Roles

Scrum Masters
Michael Crane
Casey Hillers

Luke Tanner - B.1
Jeff Larocque - C.3
Michael Crane - C.2
Casey Hillers - C.1
Jiayao Lin (Kevin) - A.1