

## **Sprint 3 Report**

**Product Name:** Visual Data Studio

**Team Name:** Deer Squad

**Sprint Name:** Sprint 3

**Completion Date:** 07/24/2017

**Revision Date:** 07/25/2017

**Scrum Master (Sprint 3):** Nathan Monahelis

### **Actions to stop doing:**

- For our purposes, this is the final sprint and most of our user stories (and their associated tasks) have been completed.

### **Actions to start doing:**

- Build the user manual so people (other than the development team) can learn how to use the product.
- Look into a permanent host for the website.
- Clean up any unnecessary code/files.

### **Actions to keep doing:**

- If this project is continued (either via 116/117 or as a side project), we will continue to have meetings and update each other on progress.
- Continue adding user stories that may help augment website/cartogram diagrams. Additionally, we could also get feedback from people who may find our product useful for them.

### **Work completed/not completed:**

#### **Completed:**

- As a teacher, I want (**distortion**) animation with cartogram so that my students will find it visually appealing. / 5
  - Added a button or trigger or switch that will cause the data selection tab to oscillate between no data and the original selection, effectively systematically animating the cartogram.
- As a teacher, I want (**temporal**) animation with cartogram so that my students will find it visually appealing. / 7
  - Added a button or trigger or switch that will automatically cycle through the years of the csv file.
  - Added the functionality of uploading csv for Tim's USA.
- As a user of the web, I want an easily navigable UI so that I don't have to mess around in the site to learn the features. / 5
  - Implemented the design template onto our website.
  - Cleaned up branch merge conflicts with master.

**Not completed:**

- As a political activist, I want population cartogram of individual US states so that I can persuade people Trump lost the popular vote. / 5
  - This story is partially completed. We did clean up county lines when the drop-down is set to “states”, but we did not figure out the format of the json that contains information on topography of counties.
- As a student, I want img files (png, etc.) of cartograms so that I can enhance my research presentation. / 3
  - Research how to use canvas elements in html (drawing the cartogram on it?) so that we can pop up an image url that can be right-clicked and saved as static image file.
  - **This story was moved to the product backlog** because the functionality gained from implementing it was redundant to simply screenshotting the webpage. The implementation cost outweighed the story points.

**Work completion rate:**

**Total number of user stories completed during sprint three: 3**

**Total number of estimated ideal work hours completed during sprint three: 22 hours**

**Total number of days during sprint three: 7**

**The user stories/day and ideal work hours/day figures: 3/7 stories/day, 3.143 hours/day**

**Total number of user stories completed during sprint one & two & three: 8**

**Total number of estimated ideal work hours completed during sprint one & two & three: 59.5 hours**

**Total number of days during sprint one & two & three: 21**

**The user stories/day and ideal work hours/day figures: 0.381 stories/day, 2.833 hours/day**

CMPS 115 Burnup Chart

