**Team Steph Status Report | Week 7**

**Project Summary**

To develop a web-based application that allows users to register and/or search for information related to the electoral process. I will use Google’s Civic Information API, which works with the Voting Information Project, to provide users with the information necessary to be more involved in our democracy. In addition to Google’s API, I will use two API’s by ProPublica. One of which is their Congress API and the other is their Campaign-Finance API.

**Team Members – (Hours Worked on Project)**

Stephanie – 6 hours

**Completed Tasks from Last Week – (Task Owner)**

* Explored Google Civic Information API
* Explored ProPublica Campaign-Finance API
* Explored ProPublica Congress API
* Spent hours running HTTP requests through Postman

**Planned Time** **Actual Time** **Remaining Hours in Budget**

3 hours 6 hours -3 hours

**Planned Tasks for Next Week – (Task Owner)**

* Continue to redo former documentation
  + Entity Relationship Diagram
  + Prototype/wireframes/storyboards
  + Class Diagram
* Check back in with ProPublica to see if they’ve resolved the internal server errors that I’ve been receiving when sending requests to certain paths

**Project Risks – (High, Medium, Low)**

* High – When trying to make requests to the ProPublica URI that returns information regarding specific candidates, I’m receiving an internal server error. Other functions in the API are working fine but whether or not this piece is functional plays a significant role in how my website will be organized and designed. I’ve emailed their support and am waiting to hear back. If they don’t resolve this issue, or I don’t hear back from them this week, I’m going to have to work around not being able to access candidate information via this method.
* Medium – I’m making use of three API’s as they all possess different pieces of the data I’m looking to collect. There is simply an overwhelming amount of information to pick and choose from. This is likely going to be the biggest obstacle presented for this project.

Short Term –

* High – Time constraints. Again, there is so much information between these three API’s. However, the information from one is useless if I don’t grab connecting information from another, so I need to make use of all three. Moving forward with documentation and prototypes is really difficult without having a solid grasp on how these API’s work and what information they provide. Some information I thought would be useful just isn’t valuable enough on its own. Therefore, catching up on past documentation with the amount of time I have to work with has been really difficult. However, I’m hoping things will be smoother now that I’ve invested a great deal of time into exploring these API’s more thoroughly.

**Overdue Tasks**

* Wireframes/Prototypes
* Database Entity Relationship Diagram

**Issues**

* The internal server errors given by the ProPublica API.
* The clarity of some of the documentation

**Follow-up Actions – (Responsible Person)**

* Making an official decision as to what information to use on this website and which information to discard.