**Proposal: Project 2**

**Team:** Christina, Nick, Antonio, Stu

**Topic:** Progression of Pokemon statistics.

**Dataset:** <https://bulbapedia.bulbagarden.net/wiki/List_of_Pok%C3%A9mon_by_base_stats_(Generation_VII-present)>

**Inspiration:** There are a lot of Pokemon in the world, we have to understand their power so we can be the best.

**Solution:**

1. Get Data:
   1. Web scrape dataset.
      1. Main Data Set will serve as one table.

<https://bulbapedia.bulbagarden.net/wiki/List_of_Pok%C3%A9mon_by_base_stats_(Generation_VII-present)>

* + 1. Will then scrape each individual Pokemon’s page to gather additional statistics including generation. <https://bulbapedia.bulbagarden.net/wiki/Bulbasaur_(Pok%C3%A9mon)>

1. Push data from web-scrape into PostgresSQL tables:
   * 1. Type
     2. Stats
     3. Individual Pokemon(incl. gen)
2. API call utilizing Flask
   1. Query SQL DB
   2. Return to FLASK URL
3. Full-stack
   1. HTML shell
      1. Bootstrap styling
   2. CSS
      1. Specific styling needs
   3. Javascript
      1. D3
         1. Access API created in Flask
         2. Radar/Spider Chart
      2. Metric Graphics
         1. Type/Gen line graph

**Visuals:**

