Week 1: 1/9/2018

- Planned on the gerrymandering project
- Get the data set from Secretary of states, MN-senate, house, congressional race
- Create a database from the data obtained, present it in the form of tables/maps…
- Goal: Analyze the data and present it using dynamic webpage

Week 2: 1/16/2018

- GitHub
- To Do: As in the syllabus, Design and requirements
- **Requirements:** Informs the design of the project, what do we want this software to do
  List of things you want from a customer
  Eg: ice fishing simulator: should have map of a lake, let you locate on the lake with a map, keep track of the fish, select the type of fishing pole

Backend database with 5 different basic relation
Couple of thousand of code

- **Design:** 3 tier
  DB tables and columns, base table, relation between tables
  How these tables are going to fulfill the requirements
  Front End: Class Diagram/methods and describe what that class does: UML ideal but not required
  Use cases: How user does this stuff in requirements, 1. implement all requirements and 2. Use all of the database tables. 3. Account for all the code.

5 minutes presentation
Requirements: Mostly front end, plus backend: Analyse the data from the database and present it in map form using leaflate or so

Design: Database and front end.
Usecase: user can combine tables to get their information.

Offline Meeting 1/18/2018 @6pm

- Discussed about the requirements: (Use the precinct data analyse it in visual form)
- Discussed about the design (SQL tables, ER diagram, Interactive Map and class diagram)
- Still waiting for Ryan's code (Classes and methods TBD)
- Get together before class to finalize presentation
- Next offline meet: Saturday 1/20/2018 evening time around 6