

Team Contract Template

Names/netids:

Nihar Sidhu (ns625)

John Scheeler (jas875)

James Calixto (jc2386)

We agree to the following policies for our team. Once agreed to, these policies cannot be changed for the duration of the project.

Team roles. Any specific roles within the group, their responsibilities, and how those roles will be assigned or rotated.

We do not have any specific roles. Each one of us will work as developers and as designers. Regarding the project, we will try to break down the various tasks amongst us equally. This way, everybody will hopefully contribute equally.

Decision making. For example: consensus, majority vote, or team captain.

We will try to go for consensus. However, if we are not able to all agree on the same thing, we will try to find a middle ground, or go for majority vote.

Communication. Methods of communication, and expectations for response times.

We are using GroupMe as our main form of communication. We are aiming to at least reply to each other within 24 hours.

Balance of responsibilities. Procedures for ensuring that everyone contributes.

We will break our project down into “mini tasks”. We will assign these mini tasks amongst us equally, and give each other deadlines as to when these tasks should be finished. This will make sure that each one of us contributes in a timely fashion.

Enforcement. When and how we will verify that all team members are following the terms of this contract.

We will create a shared Google Doc that highlights what each team member is responsible for completing, and will also meet a few times in person as a group to make sure everybody is doing their part.

Conflict Resolution. What we will do when we identify problems, and how we will resolve them.

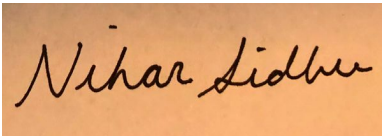
When we identify a problem, we will openly communicate with each other. We will be sure to address the problem through open communication, rather than just ignore the problem.

Signatures

Nihar Sidhu

John Scheeler

James Calixto



TA Witness Signature:



Five Ideas:

“Olympic World Map”: Have the world map, with larger circles representing countries that have a high medal count for their population, and smaller circles representing countries that have a low medal count for their population. We can also use information from both summer and winter olympics to make a comparison between the medal counts.

“Snow Heatmap”: Using a map of the northeast overlayed with information of the current snowfall totals from open source weather sources, to show snowfall patterns. This data will illustrate spots in the northeast where lake effects and other weather patterns contribute to increased snowfall. Additionally, this question requires the use of coloring and opacity to create a complete graphic presentation of the data.

“Cornell College and Major proportional symbol visualization”: Using information from Cornell university we can display the number of students in each College. This college information can then be visually divided into groups of students within different majors. We are

also still looking for additional information on the budgets of different colleges and majors which could be an interesting variable to compare against. Scaling can help illustrate the differences between the sizes of different schools and majors.

“Teammate Contribution Meta Graph”: We could map our contributions to our project over time using multiple different methods for recording teammate contributions. This could show similar data to a users github contribution scale. It would also be an interesting challenge to format the project in a way where we were building things once and inputting our data afterwards.

(feel free to replace with an additional Idea) “Our Social Networks”: Using information scraped from facebook we can compile an interesting data set that shows any relationships between the friends in each of our social networks. This could illustrate interesting connects and presents the additional challenge of labeling specific groups that appear as anomalies.

Assigned Tasks:

- **Start a GitHub repo for our code**
 - jc2386
- **Decide on a project idea**
 - Ns625
 - Jc2386
 - Jas875
- **Find a data source (or data sources)**
 - Ns625
- **Create work division plan with sub-deadlines**
 - Jas875
- **Schedule team meetings**
 - Ns625
- **Decide on best method for dividing work**
 - Ns625
 - Jas875
 - Jc2386
- **Clean and Prep Data**
 - Jas875
 - Jc2386
- **Sketch out Initial Design Ideas**
 - Jas875