

# Team Contract

1. What are the goals of our team? What do you, as a team, want to gain from this project experience? What goals and skills do you want to attain and/or hone?

Our primary goal for this project is to learn how to build a full-stack web application using real-world data in a group setting. More specifically, we want to:

- Gain an understanding of how full stack applications come together through teamwork and collaboration,
  - Learn how to incorporate data visualization software to interact with the dataset/database,
  - Learn how to take real-world data and define its scope and limitations, and then to present this to a user base
2. What are the strengths of our team and its members?
    - Diverse academic backgrounds
      - i. Reed has previous experience with this sort of wildlife data
      - ii. Henrie has previous experience building full-stack applications
      - iii. Ella's research deals with spatial data
    - We are all good communicators and organizers
    - We are all flexible to working on various parts of the project as needed
  3. How will we capitalize on the strengths of each member?

Since our team members all have strengths in being flexible, we will rotate team roles between taking notes, organizing the project, leading meetings, and other responsibilities as they arise.

- We will commit to communicating often about what each member is working on, making sure to strike a balance between members working on areas of interest/previous experience as well as learning new things
  - We will take advantage of past research & data experience to inform the questions we ask of and the ways we interact with the data
  - We will take advantage of past software development experience to inform the design decisions we make about our application
4. What are the rules that will guide your team?
    - We will make sure that everyone is participating meaningfully by making sure all members are up-to-date on the group's current goal, and understand the content we are currently working on.

- Our expectations for satisfactory participation is that every group member spends roughly equal amounts of time per week on the project's activities, with the actual time being determined by that week's assignment.
- In the situation that somebody does not live up to the responsibilities and standard work the group has put into place, we will address the issue directly with the group member first before escalating the situation further.
- We will deal with disagreements within the team by taking a step back and allowing both parties to present their argument, and forming a solution that everyone involved can agree with.
- There will be open and honest communication throughout the course of this project, both in-person and over slack.
- If a person cannot meet for some reason, they will be sufficiently kept in the loop and will be expected to continue to collaborate and work toward the project goals.
- We will plan to meet two to three times a week for an hour to discuss progress in the project, address any questions or concerns from group members, and create a plan for the next meeting time. We will plan these meetings based on the group member's availability that week.
- We will make decisions based on majority-rule, however, we will have open discussions prior to any decision if disagreements arise.
- Prior to assigning work, the group will address the time each portion of that week's assignment takes to complete, and divide it evenly amongst the members.
- We will communicate through email and the group's Slack channel.
- The technologies we anticipate we will use include Slack, Zoom, Google Drive, and GitHub.
- The roles of each member during a meeting will vary depending on the current assignment, however, we will consistently have a group member marking down what was discussed and what we want to accomplish by the next meeting.
- We will make sure the communication stays respectful by taking a step back if discussions become charged, allowing all group members time to speak from their perspective, and overall just stay mindful of the other's emotions when communicating.