• **Who**:
Rasmi Lamichhane
Ehsan Karimi
Sarah Barili

• **Title**: Data Visualization Webpage

• **Description**: Our page is a simple visual display of a large amount of data rendered on a map (we haven't yet selected what kind of data we will be using, however we are leaning towards something along the lines of a certain disease outbreak in the US over a certain period of time.

• **Vision statement**: A visual graph to demonstrate the reported cases of [diseasex] in [specified time period]

• **Motivation**: Our main motivation is gaining knowledge and experience while using the tools given to us. As a team, we want to use the project as an opportunity to build our web design and development skills.

• **Risks:**
1- The team as a whole lack the database knowledge, we do not have a prior experience.
2- Working as a team is a new concept since most of the members worked as individuals for almost every assignment.
3- The time that we need for the project is limited. The estimation might not fit the schedule.

• **Mitigation strategy:**
1- We'll do our best in learning the new concepts and language. The main key is to take advantage of the instructor's knowledge.
2- We'll use the couple first meetings to know each other more and decide the role that fits each member.
3- We'll use the strategy of overestimating the time for each task. For example, if the group decides that a certain task needs 2 hours, we'll consider it as 3 hours task. In addition, the members will do their best at being more precise when estimating.

• **VCS**:
o Our group will be using Github.
o https://github.com/rala8730/software_dev_project.git

• **List of requirements:**

ID	Description	Agile Sizing
01	As a user, I want to be able to use a link to access the webpage	1
02	Page should connect to a database where info is stored.	2
03	Page should be written using D3 source code	2
04	The page should display this data using a simple visual	1

Methodology: Agile   https://trello.com/b/GZOvxbG3/csci3308-project
Project Tracking software: Trello
Project plan: we are using the code for the data visualization from the website and editing it. Most of the time we will be working in a group trying to figure how to utilize the class material we have learned so far in our project; which will be data base, HTML, MySQl, Python, and e.t.c. We will be following the waterfall model. Starting to think about requirement, design, required code, test, deploy, maintenance turn by turn.

Extra Credit:

    Market Analysis:
- While there is no new product or technology being used, data visualization is often utilized by online newspapers and magazines for editorials and other publications.
- It could also be used by students interested in working with data creatively

    Target market:
- The target market would be any person or organization who needs to visualize data. This includes a wide range of various types of businesses and companies; the ability to display large amounts of data in a format that is easy to read and understand is a useful tool in analyzing trends and patterns in data, and useful for predictions and reasearch.

    Profile Competitors:
- Students and other developers working with data to make the process simpler than it already is, or anyone providing the same services for lower costs

    Competitive Advantage:
- It is free and creative

    Extra credit
- Infographic detail