**Project Participants:**

List all group members here. Just write your name if you are working solo.*Jacob Udel*

**Title:**

*SAR Dog Directory*

**Executive Summary:**

This is where you will describe what your project is intended to do. Remember, this project should be completed in 2 weeks time. If you can’t explain it in 1-2 paragraphs, you may need to scale it back so you can complete your initial features on time.

*This will be a database of SAR Dog/Handler teams, their location, and their various certifications. One handler can have one-to-many canines. A canine (actually, the handler/canine team) can have one-to-many certifications. A given certification can be earned by one-to-many canines. Thus, the relationship between canines and certifications is many-to-many.*

**Initial Features:**

Create a bulleted list of planned features you plan to have completed in your project by the deadline. This should include a list of API endpoints for each feature. If you are working in a group, please note which team member will be assigned to each feature.

Example of list of Features/Endpoints for a Library API:

* *Entities: Handlers, Canines, Certifications, Canine\_Certificate , etc.*
* *A User can perform the following operations:*
  + *Browse all Handlers (GET on Handlers)*
  + *Browse all Canines (GET on Canines)*
  + *Browse Canines by Certification (GET on Canines with Certification specified)*
  + *View all details about a specific Canine (GET on Canine by primary key)*
  + *Add new Handler (POST in Handlers)*
  + *Add new Canine (POST in Canines)*
  + *Update Handler info (PUT in Handlers)*
  + *Add Canine certifications (POST in Certifications-has-Canines)*
  + *Remove Canine certifications (DELETE in Certifications-has-Canines)*
  + *Remove Handler (DELETE in Handler DELETE Canine(s))*
  + *Remove Canine (DELETE in Canines)*

**Stretch Goals (to be completed if time allows, or after graduation):**

Create a bulleted list of planned features you plan to have once you have completed your initial features. These should be features that may require more research in how to implement or features that would take longer than the allotted time frame.

* Find SAR Dog Teams by proximity to a geographic point (i.e. Who’s closest to the mission?)

