Capstone Project Proposal

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Mission statement (what it is):

- This capstone project is for a web-based and data-driven application called Hiking Ventures. Hiking Ventures provides users a central place to plan hiking trips along with all the necessary details to ensure that when the anticipated day comes, they'll have planned the trip of their dreams.

Detailed Description (what it does):

- The overall focus of this capstone project is for the management user, so logging into the application will bring up all information across the entire system.
- Application will feature 7 pages with content to interact with, and features for each are listed below:
    - **Log In** page: Initial place you land which prompts you to log in for accessing the application.
    - **Trips** page (also the home page): Here users can immediately access a high level overview of all their trips. There's a snapshot description for each one and links on each card that will take users to further options including View More Details, Edit, or Delete. Viewing more details reveals the list of travelers and equipment for the trip as well as the trail map. This page will also feature a form to create a new trip and details associated with it.
    - **Trails** page: This page allows the management user to immediately view all trails recorded in the system. Each card has links to View More Details (specific location info) and the trips scheduled for each one, to Edit and to Delete. Page also features an add form for a new trail.
    - **Travelers** page: This is the place to manage travelers in the system ("travelers" being the same thing as "users"). The management user will be able to immediately view all travelers in the system once clicking into this page, and each traveler card features options to Edit or Delete or View More Details. Viewing more details shows completed and future trips for each traveler. Also includes add form to create a new traveler.
    - **Equipment** page: Here is where to immediately view all pieces of equipment available in the system. Each card has a photo and snapshot look at each equipment piece, and features links to View More Details, such as trips that are using that particular item, as well as links to Edit or Delete the item. Page also features an add form to add a new piece of equipment to the system.
    - **Locations** page: This page immediately populates with all specific locations in the system, with each card displaying its info. Links on the card allow access to View More Details including trips and trails in each location as well as options to Edit and Delete. Page also features an add form to add a new location to the system.
    - **About** page: Get a quick look at what Hiking Ventures is and application details.

Stretch goal(s):

- Incorporate Google Maps API to focus in on the trail area when users want to view more detailed information about a particular trip. Allow users to zoom in and out on trails as opposed to using just a static image to display trail routes.
- Create user profiles for each user as opposed to just the manager mode for the application. Allow users to log into their own account, view their own information, and connect with other users and view their trips and info.