1. Name of Your Company

- Not Decided Yet

- { I personally have no preference over this choice, but in case there are no ideas here are some suggestions: Up-The-Hill Hiking, VanHike, Hike-It etc. }

2. Project Title

- Hiking Events Organizer Company

3. Team

- { I am fine with either of the DBs, so it’s mostly up to you as a matter of preference. I have worked a bit on Postgresql but not for long so I’m definitely still an amateur. Have you previously worked on other databases? }

4. Weekly Meeting Hours

- { I do not have classes on Fridays so that would be when my time is most flexible, otherwise on other weekdays I will be available before noon and after 7pm. I am usually free on weekends. Let me know if you have any suggestions for a constant weekly work period, and perhaps your schedule. }

5. Project Description

- {This is an example I came up with:

This is a company that organizes hiking events with participating members. Customers must obtain or renew their membership before they can participate in hikes. There are multiple packages available, including $120 for 6 hikes, $200 for 12 hikes and $250 for 20 hikes.

Each member will be provided a membership id and will provide their information such as name, age, gender, phone number, email, and previous health conditions if applicable, along with the number of hikes left.

A history of each purchase is given a purchase id and kept with the id of the member, the date of the purchase, and the amount received. An optional field is also included to mark payments related to damaged equipments.

There are instructors employed by the company, whom are given an employee id, and have their name and age recorded.

Each hike is contains information about number of participants, the date, the location of the hike, id of instructor, the start time, the return time, the derived duration of the hike and an optional input for any injuries or accidents during the hike. It is uniquely identified by the date and location of the hike.

Each hiking location should include information about the name, difficulty level, terrain, elevation, total distance, estimated duration, and required equipment.

When members sign up for a hike, their membership id is recorded within a registration record with the date and location of the hike, as well as the date of registration. Members can withdraw from the hike, but their quota would be deducted regardless.

6. Assumptions about Cardinality and Participations

- TODO