

1. Name of Your Company

Up-the-Hill Hiking Inc.

2. Project Title

- Hiking Events Organizer Company

3. Team

- Mehakdeep Singh (MS SQL Server Expert)
- Sean Kong (MySQL Server Expert)
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4. Weekly Meeting Hours

- Every Saturday Evening from 4:00 pm to 5:00 pm

5. Project Description

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 equipment.

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

Each hike contains information of the date, the location of the hike, id of instructor, the start time, the return time, the derived duration of the hike, number of seats left 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, group size 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. Each member could only sign up for one hike at once.