**CS 6650 Fall 2021 Assignment 1**

Upic-a global acquirer of ski resorts

The time of the ride and skier ID are recorded. RFID lift ticket reader

**Build a scalable distributed cloud-based system that can record all lift rides from all Upic resorts.**

The data can then be used as basis for data analysis, answering such questions as:

Which lifts are most heavily used?

Which skiers ride the most lifts?

How many lifts do skiers ride on average per day at resort X?

**Assignment 1**, we’ll build a client that generates and sends lift ride data to a server in the cloud. The server will simply accept and validate requests, and send an HTTP 200/201 response.

Assignment 2, add the processing and storage logic to the server, and send a richer set of requests.

Assignment 3 and 4, something crazy.