Good afternoon! Today, we would like to present our final project. Our team is called Avada-Kedavra, which is the killing curse in Harry Potter, and the team members are Qinghang Zhang, Xiao Lan, Houming Leng, and Ruiqi Yang. The first part is the architecture of our project, as the image shows, first, the client will send POST requests to the server, which is deployed in AWS EC2, then the server will connect to RabbitMQ. After that, the consumer would connect to RabbitMQ, consume the messages in it, and save the corresponding data into Redis database. Next, for the data layer part, we built two microservices, one is for Skier data, the other is for Resort data. When we want to get the data from Redis, the server will process the GET API, parse the URL, and fetch some data as the response to the client from Redis by using the parameters of the URL. For the deployment of the server, we used a t2.micro instance. Both skier microservice and resort microservice use t2.micro instance. The RabbitMQ server is hosted in a slightly larger instance, a t2.small instance.