**CS6650 Assignment3 Report**

**Part 1:**

The repo URL: https://github.com/Qingzhao331/6650\_Assignment.git

**Part 2:**

**Sever Design**

**图形用户界面, 文本

描述已自动生成**

I made some modifications based on assignment2. I added two get functions, domatch and dostats, to improve the functions of the servlet. I added a class of twinderdao to interact with the database.

**Consumer Design**

文本

描述已自动生成

Unlike assignment 2, the data is taken from RMQ and stored in a temporary database. This time I directly write the data into the permanent database. Here I use dynamodb. Here, I also use twinderdao class to interact with the database.

**Client Design**

图形用户界面, 文本

描述已自动生成

For the client package, I added a runnable class, GetProcessor, which can generate five get requests every seconds.

**Database Design**

表格

描述已自动生成

**Deployment topologies on AWS:**

I deployed the server, consumer and RMQ to ec2 respectively. I added a load balancer to make the server faster.

**Assignment3 Throughput:**

**文本

描述已自动生成**

**文本

描述已自动生成**

**Assignment2 Throughput:**

**文本

描述已自动生成**