High level Architecture diagram for the location based Taxi Aggregator and Selector
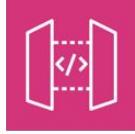
Register Taxi

Taxi → POST taxi/ → **Amazon API Gateway** → **AWS Lambda** → **DocumentDB**

Register User
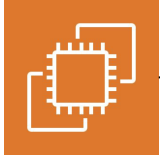
POST user/ → **Amazon API Gateway** → **AWS Lambda** → **DocumentDB**

Real-time location Updates from Taxis

EC2 Instance- Simulates Real-time location updates → **Amazon Kinesis Data Streams** → **AWS Lambda** → **DocumentDB**