Deployment Design

# Source Code

Git link: <https://github.com/asunel/micro-service-assign>

# Docker Hub Images:

User Service: <https://hub.docker.com/repository/docker/arjunsunel/gke-user-api>

Order Service: <https://hub.docker.com/repository/docker/arjunsunel/gke-order-api>

Aggregator Service: <https://hub.docker.com/repository/docker/arjunsunel/gke-aggregator-api>

# Design (Jaeger):

**Jaeger Client**

(Sends UDP packets to Jaeger agent at port 6831)  
This is done via Open tracing instrumentation in code or API like User, Order and Aggregator APIS

**Jaeger UI**



**Load balancer Service Type**

**Cluster IP Service Type**

**Jaeger Query**



**Jaeger Collector**

**Jaeger Agent**

# Design (Deployment/Services/communication)

For getting Database details (IP, DB Name, Username)

Request made by clients (browser, Mobile, Other APIs)

# Design (Service Dependency)

