|  |  |  |  |
| --- | --- | --- | --- |
| Service.name | Service.host | Service.port | Purpose |
| Flight | Localhost | 8080 | Everything related to flights only |
| Cars | Localhost | 8082 | Everything related to cars only |
| Rooms | Localhost | 8084 | Everything related to rooms |

Server

Middleware

|  |  |  |  |
| --- | --- | --- | --- |
| Middleware.name | Middleware.host | Middleware.port | Purpose |
| Middle | Localhost | 6666 | Everything related to the middleware. It should assign requests to the right server |

Inteface: MiddlewareManager.java

This doc will have the following methods:

assignToFlightServer()

assignToCarServer()

assignToRoomServer()

manageCustomers()

Class: MiddlewareMangerImpl.java

TCP:

Client pass command to middleware. Middleware deciphers with current client code and connects to the right RM. Send original c

Implement instance of RM in server. Create a new thread for new request. RM and middleware multithreaded.

Concurrenncy control on the hashtable (lock). Synchronize hashtable.