# SENG4400 – Assignment 2

## Physical\_Machine

This represents the physical machine that the 2 application servers are deployed on.

## Server\_1

### Description

This represents the glassfish instance, running on the *Physical\_Machine* with *OnlineShop* and *AdminConsole* applications running within it.

### Connections

Exposes port 8080 for *User* and *Admin* interaction with both the above stated applications. Also exposes port 3700 for the jms queue for the two applications to communicate in a publish/subscribe manner. Along with a few other ports for other activates (4848 for glassfish admin, 8181 for ssl connections etc)

## Server\_2

### Description

This is the second instance of glassfish running on the *Physical\_Machine* with the *Payment* application deployed on it.

### Connections

Exposes port 8081 for other applications to make remote procedure calls to the *Payment* application.

## jms/seng4400ass2PS

### Description

The publish/subscribe java message system, hosted on *Server\_1* for communication between *OnlineShop* and *AdminConsole*.

### Connections

Messages come from the *OnlineShop* and get read by the *AdminConsole*.

## OnlineShop

### Description

### Connections

## AdminConsole

### Description

### Connections

## Payment

### Description

### Connections

## User

### Description

### Connections

## Admin

### Description

### Connections

## Bank

### Description

### Connections