Java Messaging Service (JMS) Agreement between P1 Receiving Images and P2 Image Recognition

Queue Name:

p1ReceivingImages

JMS Message:

Should contain the below JSON object definition.

JSON Object Definition

```
{
    "uuid": "123e4567-e89b-12d3-a456-556642440000",
    "cameraId": 1,
    "timestamp": "2020-11-05T17:24:30.000+00:00",
    "numberplate": "",
    "photo": "/9j/4S/WRXhpZgAASUkqAAgAAAAJAA8BAgAQAAAAegAAABABAgAdAAAAigAAABIB
AwABAAAAAQAAABoBBQABAAAApwAAABsBBQABAAAArwAAACgBAwABAAAAAgAAADIBAgAVAAAAtwAAAB
MCAwABAAAAAQAAAGm..."
}
```

Definition

uuid: is the universal unique identifier for the image in the P1 database.

cameraId: is the originating cameras unique ID number.

timestamp: is in the ISO-8601 standard.

numberplate: will be the recognised numberplate add by p2.

photo: is the base64 encoded image.

Object Serialisation and deserialization:

Will be done using the JSON Message Class created by P2. This will be located under the common artifacts once a snapshot of the P2 micro-service has been deployed.

Image Format:

Should be sent as Base64/JPG image.

Base64 Conversion:

The JSON image string should be able to be decoded with the base64 Java utility.
(https://docs.oracle.com/javase/8/docs/api/java/util/Base64.html)