**Project: solicitudServicio**

Responsible: Laura

Create and implement: IPTVServicio.xsd

    request: servicioRequest

    response: subscripcionResponse

Convert IPTVServicio.xsd to Java code with Xmlbeansgenerator

Generate IPTVServicio.jar

Export to IPTVServicio project

**Project: IPTVServicio**

Responsible: Tomás

Create ConsumerSpringListener

Create JmsSender

Implement ConsumerSpringListener to read from queue B

Queue B will recive iptvServicioRequest request

Parse message received to iptvServicioRequestDocument

Validate if message received is actually an iptvServicioRequestDocument object

Get iptvServicioRequest from iptvServicioRequestDocument

Create a proveedorRequest and set it with the required elements.

Encapsulate it into proveedorRequestDocument

Create a proveedorRequestStub adding the URL of the Proveedor web service

Get and store proveedorResponseDocument

Validate if message received is a proveedorResponseDocument

Get proveedorResponse

Set subscripcionResponse:subscripcion to true and info to: “Subscripció aprobada, disfrute el servicio”

Send subscripcionResponseDocument to queue D.

END.

**Project: Proveedor**

Responsible: Laura

1) Create and implement AltaUsuarioProveedor.xml

request: proveedorRequest

response: proveeedorResponse

Generate Proveedor.jar to Java code with XMLBeans generator

Export to IPTV service project.

2) Create Proveedor.wsdl

Generate a server with XmlBeansBinding

Implement ProveedorImpl Class as needed:

Create the next array of strings:

> usuarios [10]

> planes [3][2]: [BASICO, Media] [ESTANDAR, HD], [PREMIUM, 4K]

> planes\_usuarios [10][2]

> canales [5]: CartoonNetwork, Nickelodeon, HBO, Nat Geo, CNN

> usuarios\_config: [10][2]

> Canales\_planes[30][2]: Fill this array as it’is on IPTVAuteticationDB

Check if ‘usuario’ doesn’t exist already on Usuarios array. If not, add it.

Add usuario and plan to Planes\_usuarios array.

From planes get the corresponding definition and set it on usuarios\_config.

Set ProveedorResponse:resp to true

Deploy server as Proveedor.aar on Tomcat

3) Generate client code with xmlbeans binding

Compile client as ProveedorClient.jar with XMLbeans generator

Export to IPTVServicio project