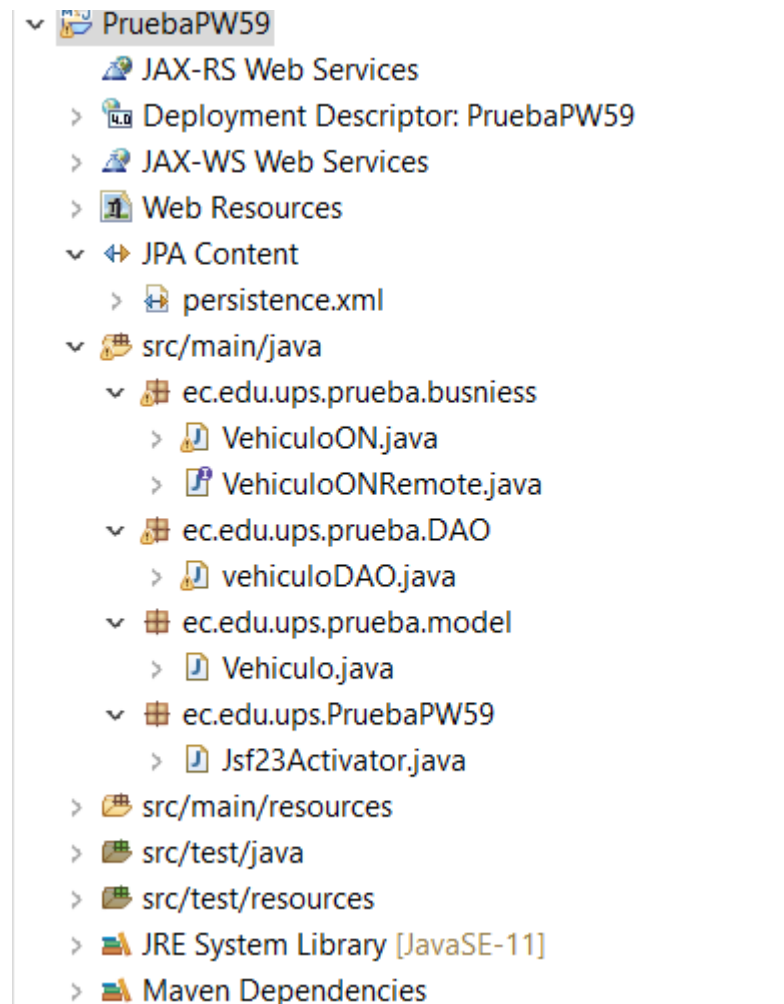


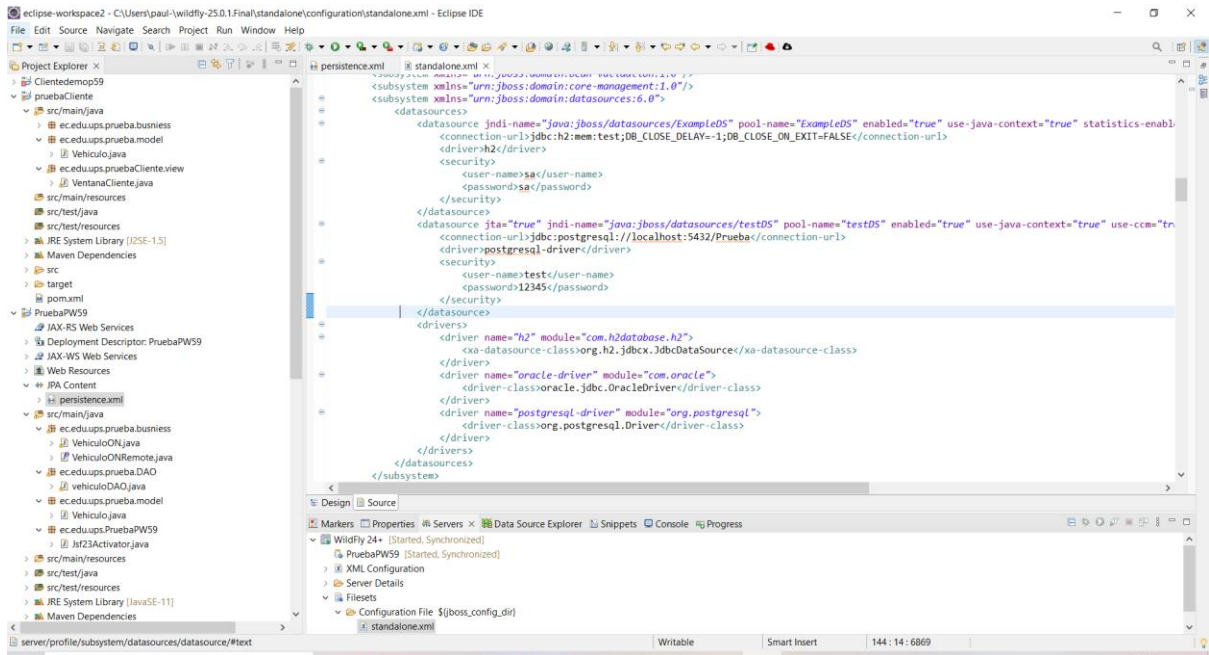
## EVALUACION 2

**NOMBRE:** Paul Guzhñay

### Creación del Proyecto Servidor

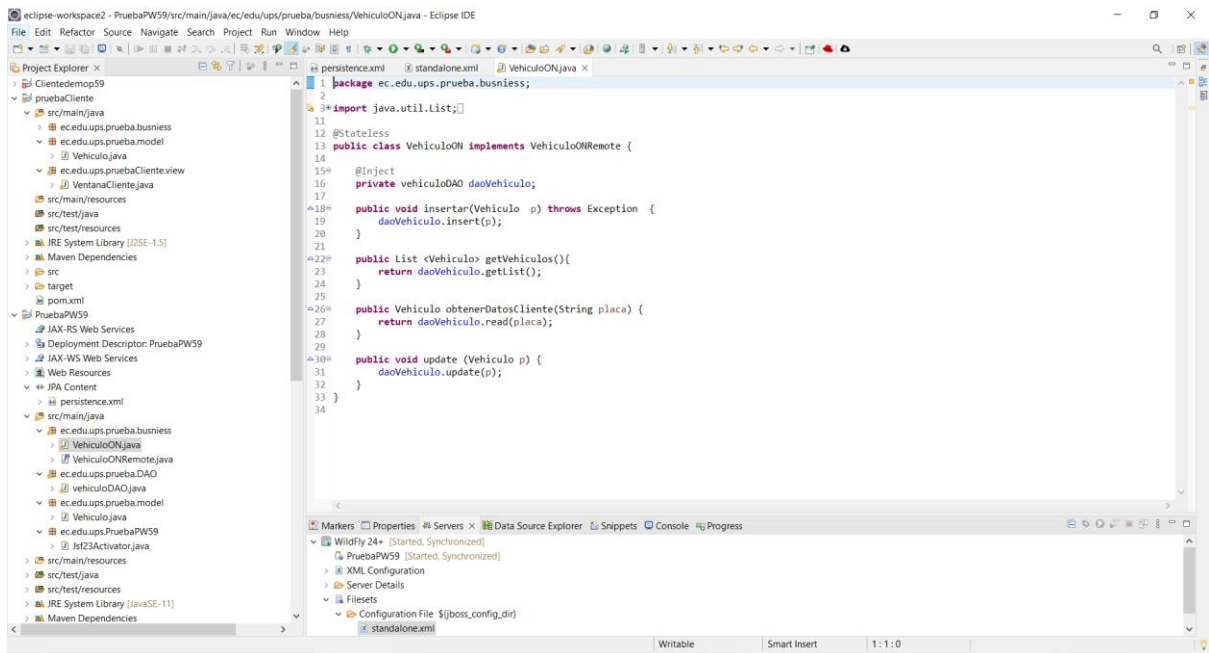


### Conexión con la Base de Datos

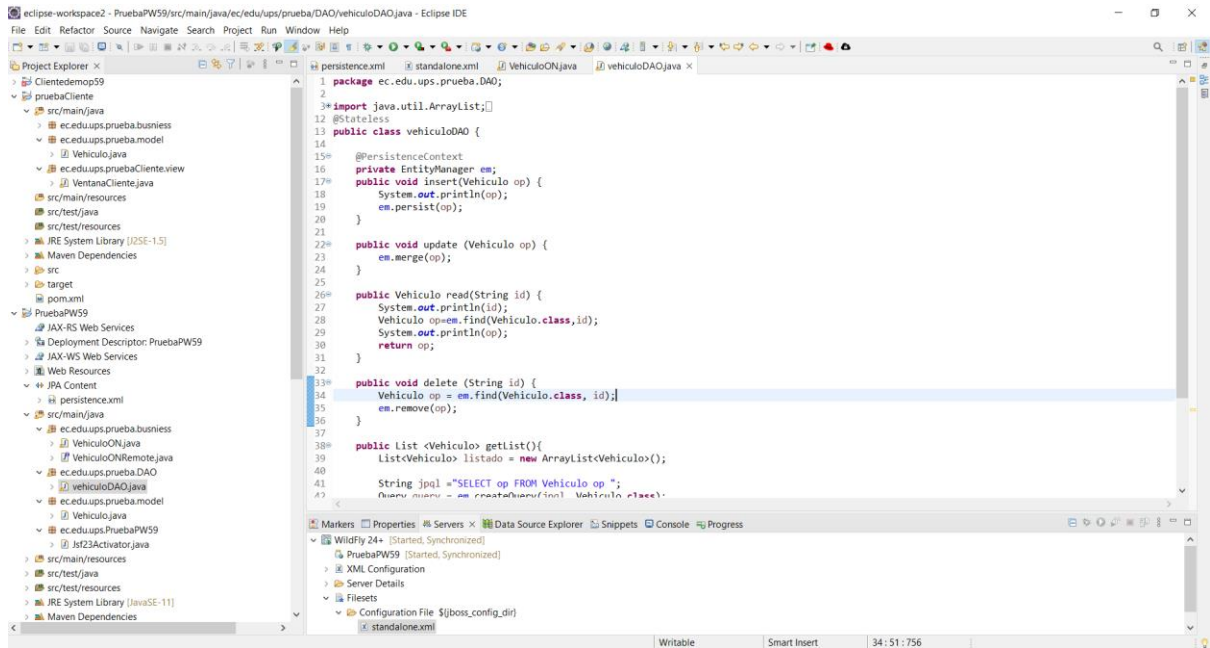


## Creación de los paquetes business, model, DAO y view

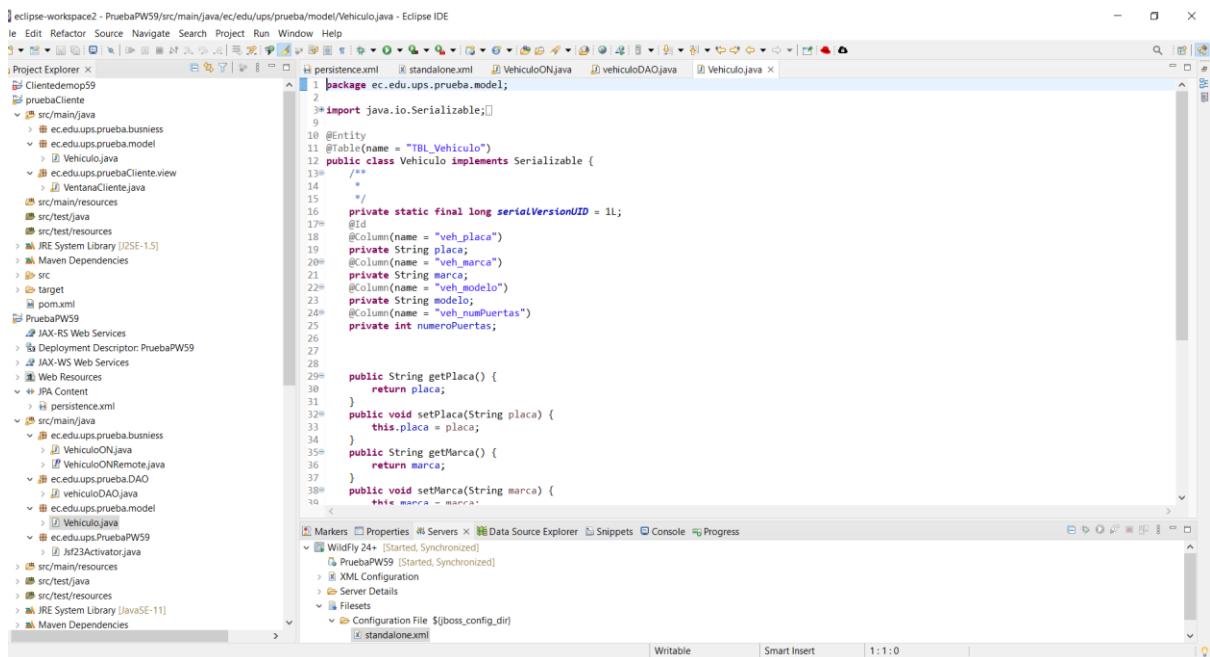
### Business



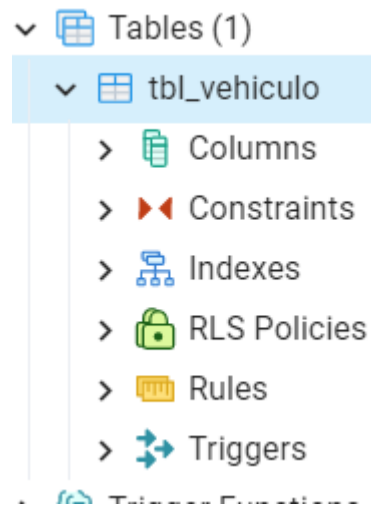
### DAO



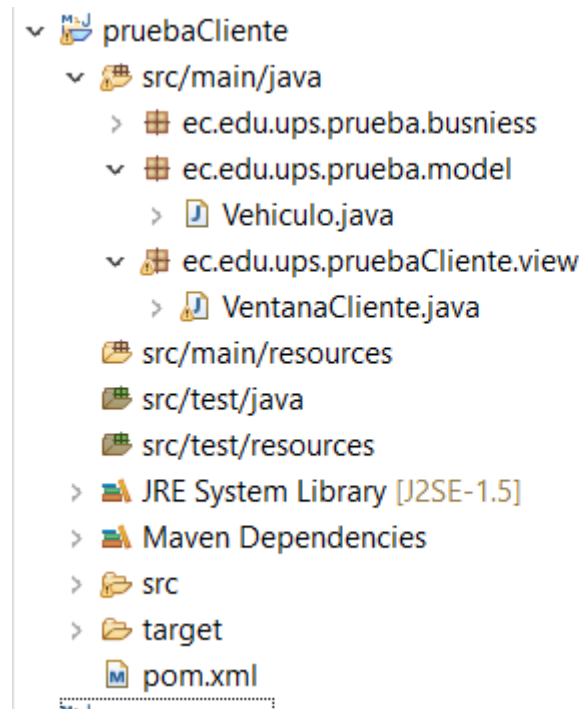
## MODEL



## Creación de la tabla

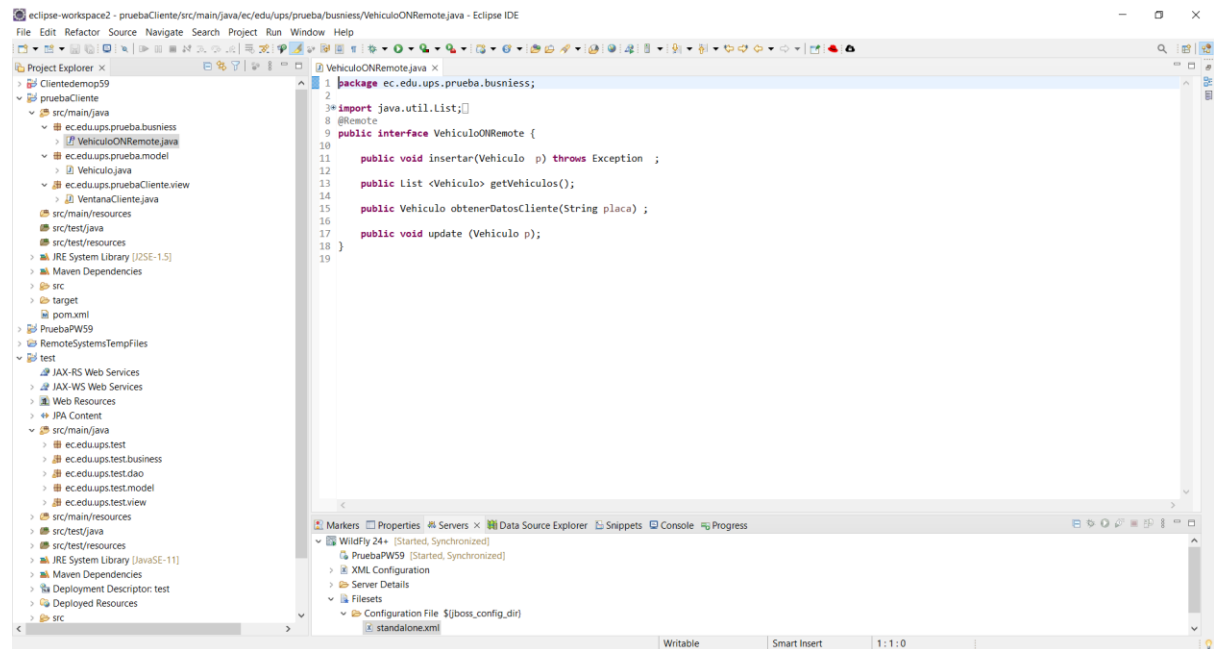


## Creación del Proyector-Cliente

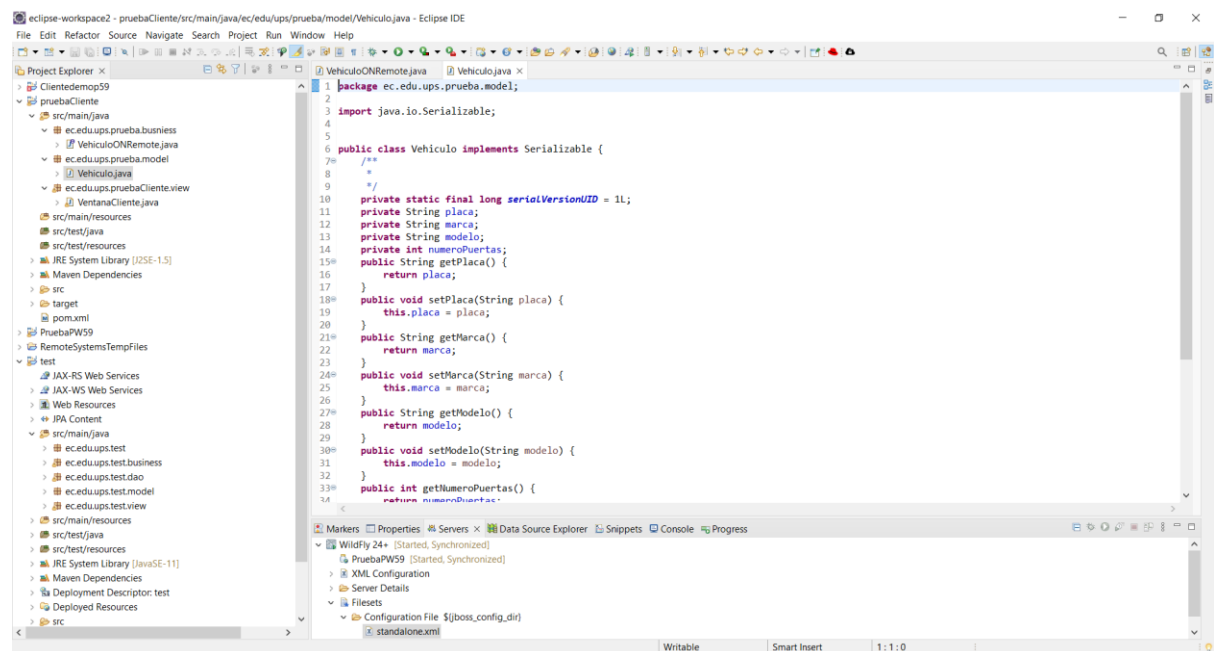


# Creación de los paquetes business,model y view

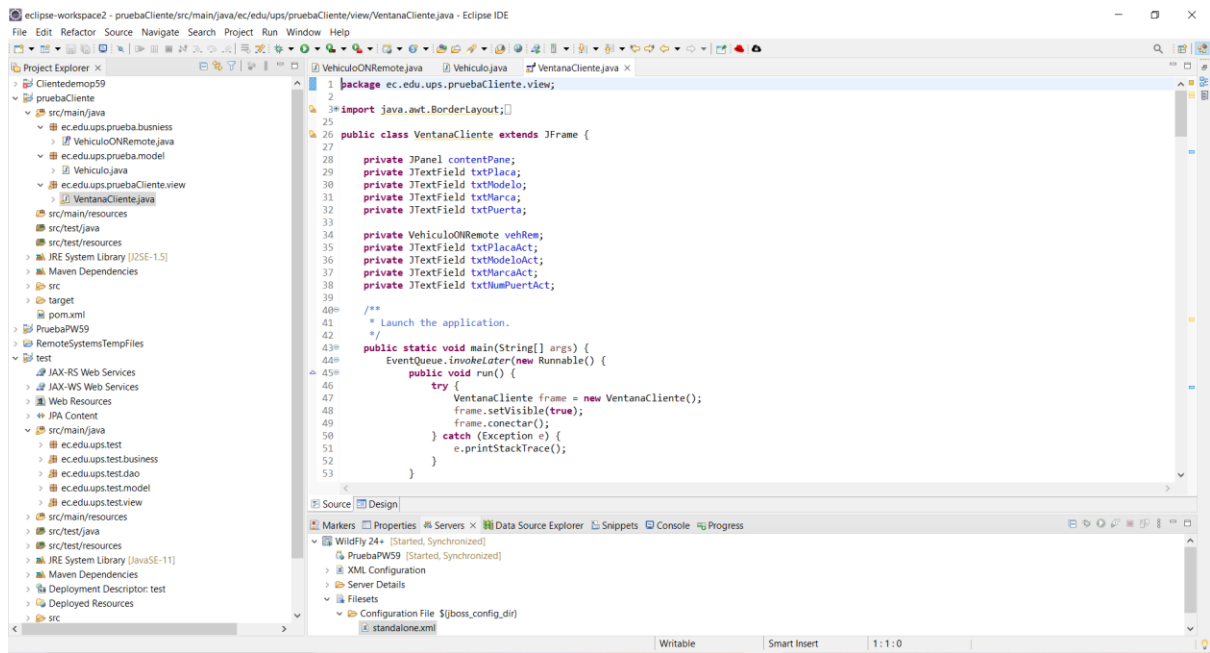
## Business



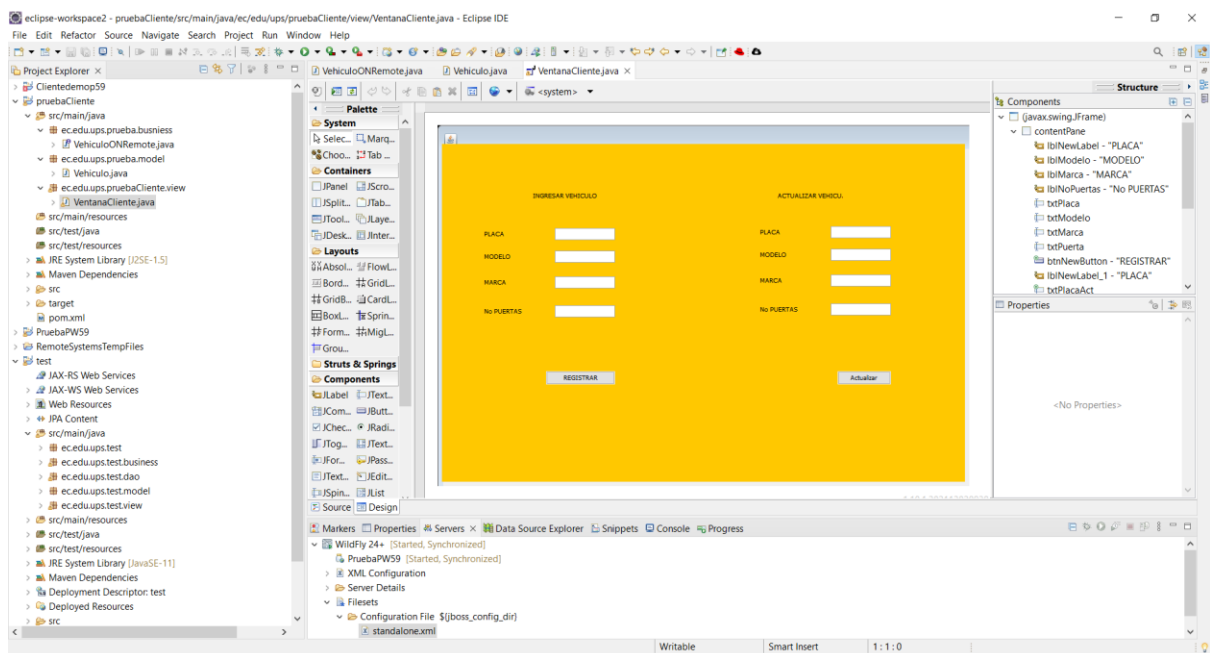
## Model



## View



## Creación de la interfaz grafica



## Funcionamiento del proyecto

### - INGRESO DE DATOS

INGRESAR VEHI... ACTUALIZAR VE...

PLACA ART789 PLACA

MODELO aveo MODELO

MARCA chevrolet MARCA

No PUERTAS 5 No PUERTAS

REGISTRAR Actuali...

### - INGRESO EN LA BASE DE DATOS

eclipse-workspace2 - PruebaPW59/src/main/resources/META-INF/persistence.xml - Eclipse IDE

Project Explorer

- PruebaPW59
  - src/main/resources
    - persistence.xml

persistence.xml

```
<?xml version="2.2"
xmlns="http://xmlns.jcp.org/xml/ns/persistence" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="
http://xmlns.jcp.org/xml/ns/persistence
http://xmlns.jcp.org/xml/ns/persistence/persistence_2_2.xsd"
<persistence-unit name="PruebaPW59PersistenceUnit">
<!-- If you are running in a production environment, add a managed
data source, this configuration uses the JakartaEE default data source is just for development and testing! -->
```

General Connection Options Properties Hibernate Source

Markers Properties Servers Data Source Explorer Snippets Console Progress

WildFly 24+ [JBoss Application Server Startup Configuration] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (14 dic 2021 16:17:12)

17:28:04,837 INFO [javax.enterprise.resource.webcontainer.jsf.config] (ServerService Thread Pool -- 180) Inicializando Mojarra 2.3.14.SP04 para el context

17:28:04,879 INFO [org.wildfly.extension.undertow] (ServerService Thread Pool -- 180) WFLYUT00021: Registered web context: '/PruebaPW59' for server 'default

17:28:04,892 INFO [org.jboss.as.server] (DeploymentScanner-threads - 2) WFLYSRV0010: Deployed "PruebaPW59.war" (runtime-name : "PruebaPW59.war")

17:29:16,122 INFO [stdout] (default task-2) ec.edu.ups.prueba.model.Vehiculo@78a86fdd

17:29:16,129 INFO [stdout] (default task-2) Hibernate:

17:29:16,129 INFO [stdout] (default task-2) insert

17:29:16,129 INFO [stdout] (default task-2) into

17:29:16,129 INFO [stdout] (default task-2) TBL\_Vehiculo

17:29:16,129 INFO [stdout] (default task-2) (veh\_marca, veh\_modelo, veh\_numPuertas, veh\_placa)

17:29:16,129 INFO [stdout] (default task-2) values

17:29:16,129 INFO [stdout] (default task-2) (?, ?, ?, ?)



## - COMPROBACION EN LA BASE DE DATOS

The screenshot shows the pgAdmin 4 interface. On the left, the 'Browser' pane shows the database structure, with 'tbl\_vehiculo' selected under the 'public' schema. The main pane displays a SQL query in the 'Query Editor':

```
1 SELECT * FROM public.tbl_vehiculo
2 ORDER BY veh_placa ASC
```

Below the query editor, the 'Data Output' pane shows the results of the query as a table:

veh_placa	veh_marca	veh_modelo	veh_numpuertas
ACR789	Chevrolet	Corsa	5
ART789	chevrolet	aveo	5
AWQ123	Hyundai	I20	3
AZS456	Chevrolet	I50	3
sdf555	Hyundai	Tucson	5

## -MODIFICACION DEL AUTO

The screenshot shows a web form titled 'MODIFICACION DEL AUTO' with a yellow background. It is divided into two main sections: 'INGRESAR VEHI...' and 'ACTUALIZAR VE...'. Each section contains four input fields for 'PLACA', 'MODELO', 'MARCA', and 'No PUERTAS'. The 'ACTUALIZAR VE...' section has pre-filled values: 'AWQ123' for PLACA, 'Santa Fe' for MODELO, 'Hyundai' for MARCA, and '3' for No PUERTAS. At the bottom of each section are buttons labeled 'REGISTRAR' and 'Actuali...' respectively.



## -SENTENCIA DE LA BASE DE DATOS

The screenshot shows the Eclipse IDE interface. The Project Explorer on the left displays a project named 'PruebaPW59' with a package 'ec.edu.ups.prueba.model'. The main editor shows the 'persistence.xml' file, which contains an XML configuration for JPA. The console at the bottom shows the output of a JPQL query executed by the application.

```
<?xml version="2.2"
xmlns="http://xmlns.jcp.org/xml/ns/persistence" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="
http://xmlns.jcp.org/xml/ns/persistence
http://xmlns.jcp.org/xml/ns/persistence/persistence_2_2.xsd">
<persistence-unit name="PruebaPW59PersistenceUnit">
<!-- If you are running in a production environment, add a managed
data source, this configuration uses the JakartaEE default data source is just for development and testing! -->
-->
```

Console Output:

```
17:30:50,219 INFO [stdout] (default task-2) vehiculo0_.veh_placa as veh_plac1_0_0_
17:30:50,219 INFO [stdout] (default task-2) vehiculo0_.veh_marca as veh_marca2_0_0_
17:30:50,219 INFO [stdout] (default task-2) vehiculo0_.veh_modelo as veh_model3_0_0_
17:30:50,219 INFO [stdout] (default task-2) vehiculo0_.veh_numPuertas as veh_numP4_0_0_
17:30:50,219 INFO [stdout] (default task-2) from
17:30:50,219 INFO [stdout] (default task-2) TBL_Vehiculo vehiculo0_
17:30:50,219 INFO [stdout] (default task-2) where
17:30:50,219 INFO [stdout] (default task-2) vehiculo0_.veh_placa=?
17:30:50,219 INFO [stdout] (default task-2) ec.edu.ups.prueba.model.Vehiculo@9527caa
```

## -COMPROBACION EN LA BASE DE DATOS

The screenshot shows the pgAdmin 4 interface. The left sidebar shows the database structure, including a table named 'tbl\_vehiculo'. The main window displays a SQL query in the Query Editor and its results in the Data Output pane.

Query:

```
1 SELECT * FROM public.tbl_vehiculo
2 ORDER BY veh_placa ASC
```

Data Output:

veh_placa	veh_marca	veh_modelo	veh_numpuertas
ACR789	Chevrolet	Corsa	5
ART789	chevrolet	aveo	5
AWQ123	Hyundai	Santa Fe	3
AZS456	Chevrolet	i50	3
sdf555	Hyundai	Tucson	5