

Ingeniería del Software

Proyecto 2 de Programación 2

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**External Documentation**

Package Objetos:

This package contains two objets:

Usuarios: This get and set the information of the user.

Vehiculo: This get and set the information of the vehicle.

Package base\_datos:

This package contains seven class:

1 CRUD\_DB\_Agregar: Add the information of the different tables to the database.

2 CRUD\_DB\_Eliminar: Remove the information from the different tables to the database.

3 CRUD\_DB\_Modificar: Modify the information of the different tables to the database.

4 Cargar\_Info\_DB: Load the information of the different columns of the database.

5 Renta\_Vehiculos: Load all the information of the vehicles. Also saves the information of the rents in the database.

6 Reportes\_DB: Load the information of the database from reports one, two and three.

7 Base datos\_Usuarios: Save and load the information of the users of the database.

Package Codigo:

This package contains eleven class:

1 CRUD\_Codigo\_Agregar: This class send the information for another method and return a boolean if it is saved.

2 CRUD\_Codigo\_Eliminar: This method send the information for another method and return a boolean if it is deleted.

3 CRUD\_Codigo\_Modificar: This method send the information for another method and return a boolean if it is modified.

4 Cargar\_Foto: Load the image in a JLabel.

5 Cargar\_Info\_Cod: Loads and returns the information from the different columns of the database to another class.

6 MD5: Encrypt the password and return it.

7 Registro\_Usuario: Loads and return the information of the user object of the data base. Also checks the user's password when logging in.

8 Rentas\_Veh: Load the information of the: plate, vehicles and offices, in the differents combo box of the car rental interface. Also sends the information of the car and the person to another method to be rented.

9 Reportes\_Cod: Create and load the PDFs of the reports with the information of the database.

10 TablaImagen: Load the images in a table of the vehicle rental interface

11 VerTabla: Load the information of the vehicles in a table of the vehicle rental interface.

Package foto: Contains the different photos of the vehicles and users.

Package PDF: Contains the different PDF of the reports.

Package vista: Contains the all project interfaces.