

UNIVERSIDAD TÉCNICA NACIONAL
SEDE SAN CARLOS
GARRERA: SOFTWARE ENGINEERING



Course

Programming 2

ISW-112

Teacher: Alejandro Alfaro Quesada

Students: Anthonny Calderón y Roger Oporta

Project: Rent a Cart

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Introduction

An application was made in JAVA programming language connected to a database in PostgreSQL, the application consists of a rental of vehicles where the user can choose the car he wants, in this system we implement, graphic interface, layered programming, objects, heritage, database and use of several libraries that we need to use in our project.

In this part of the system the user or the system administrator will initiate the section, the system will immediately detect the type of user

TIENDA DE VEHICULOS

Opciones

Renta de Vehículos

Usuario

Contraseña

Ingresar

Salir

The system will have a registry of users where they can be registered and it will be stored in a database, once the user is registered, it will initiate a section.

TIENDA DE VEHICULOS

Registro de usuarios

Cedula

Nombre

Telefono


Direccion

Contraseña

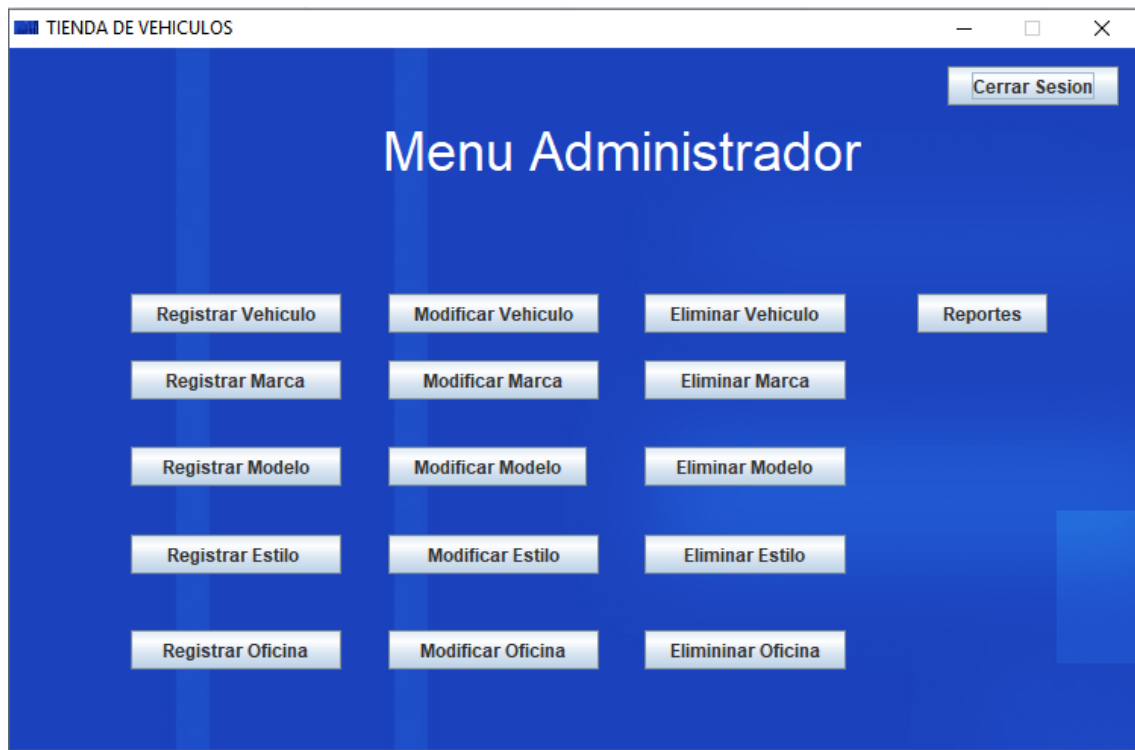
Tipo de Usuario

☒ Administrador

☐ Usuario

 Imagen

When the administrator starts the section, a menu of options for system maintenance will be displayed, and each option that the administrator can perform in the system will be explained later.



In this section the administrator can make a vehicle registration, this vehicle will be stored in a database of registered vehicles.

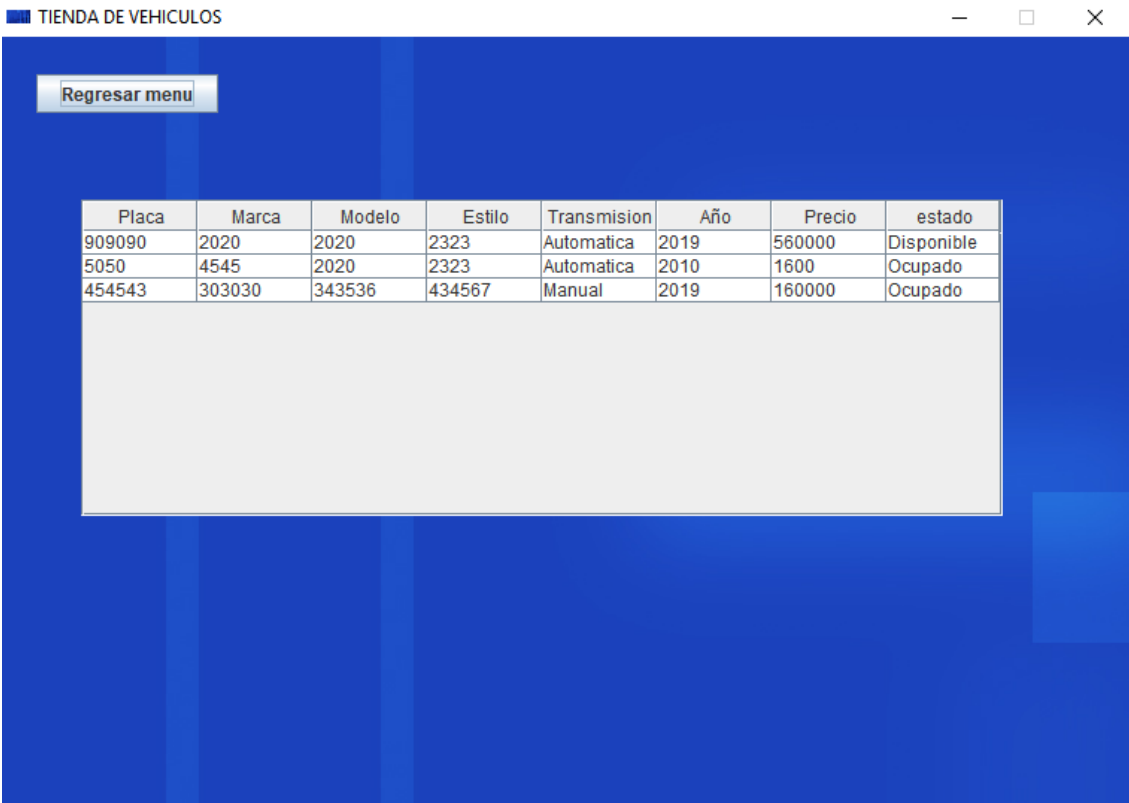
TIENDA DE VEHICULOS

Opciones

Registro de Vehiculos

Placa	<input type="text"/>	Marca	<input type="text" value="Toyota"/>	<p>Foto</p> <div></div> <div></div>
Precio	<input type="text"/>	Año	<input type="text"/>	
<input type="button" value="Registrar"/>		Modelo	<input type="text" value="Tucson"/>	
		Estilo	<input type="text" value="Sedan"/>	
		Transmisión	<input type="text" value="Manual"/>	
		Estado	<input type="text" value="Disponible"/>	
<input type="button" value="Regresar"/>				

In this state the administrator will be able to eliminate a vehicle when he wishes, this information will be eliminated immediately from the database.



Placa	Marca	Modelo	Estilo	Transmision	Año	Precio	estado
909090	2020	2020	2323	Automatica	2019	560000	Disponible
5050	4545	2020	2323	Automatica	2010	1600	Ocupado
454543	303030	343536	434567	Manual	2019	160000	Ocupado

In this section the administrator will register data to the system and this information will be registered to the system.

The screenshot shows a Windows application window titled "TIENDA DE VEHICULOS". Below the title bar, there is a sub-header "Opciones". The main content area has a blue background and is titled "Registro de Marcas". It contains two input fields: "Identificador" and "Nombre". Below these fields are two buttons: "Registrar" and "Regresar".

Identificador	Nombre
<input type="text"/>	<input type="text"/>

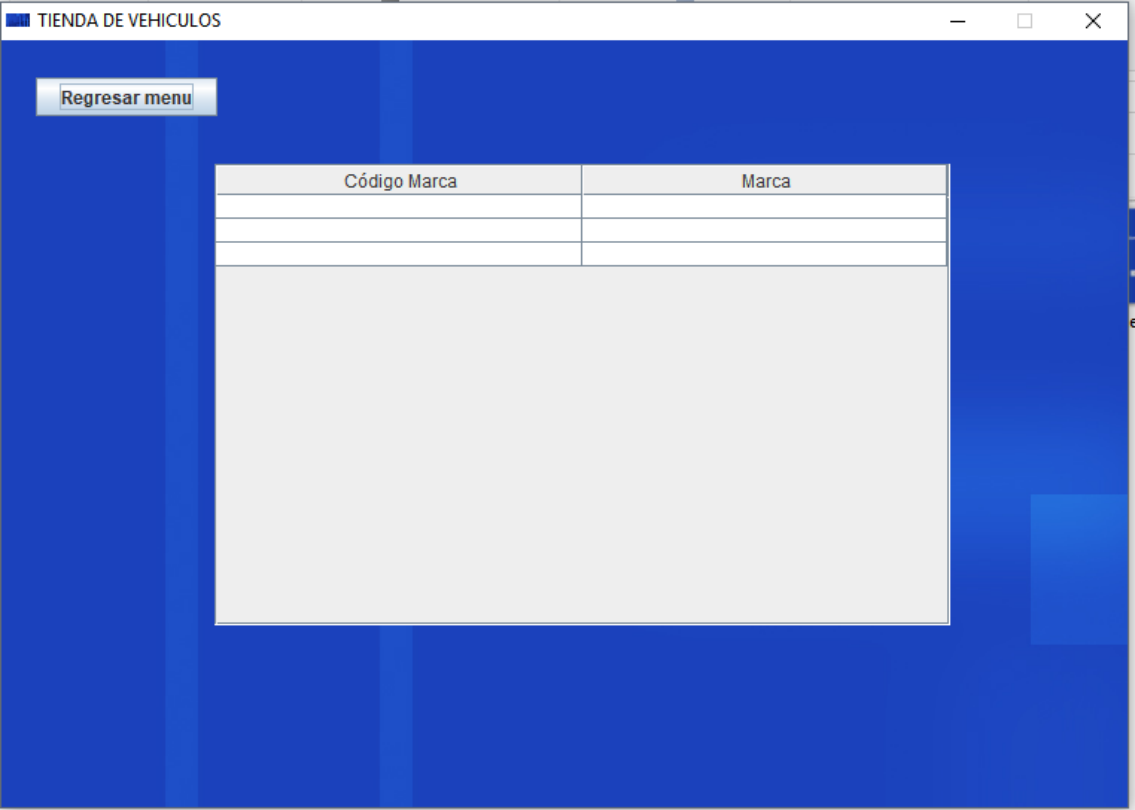
El administrador tendrá en la disposición de modificar datos dentro del sistema como el siguiente.



The image shows a screenshot of a Windows application window titled "TIENDA DE VEHICULOS". The window has a blue background and contains the following elements:

- A label "Identificador Marca" followed by a text input field.
- A "Buscar" button to the right of the first input field.
- A label "Marca :" followed by a text input field.
- A label "Nueva Marca:" followed by a text input field.
- A "Guardar Cambios" button located below the "Nueva Marca:" field.
- A "Regresar" button located in the bottom right corner of the form area.

El administrador podrá borrar datos dentro del sistema como en el siguiente apartado



TIENDA DE VEHICULOS

Opciones

Registro de Modelo

Identificador

Nombre

TIENDA DE VEHICULOS

Identificador Modelo

Modelo Actual

Nuevo Modelo

Guardar Cambios

Buscar

Regresar

