**Requerimientos Preliminares**

**Functional**

1. The platform provides a user interface that acts as a main page for every type of account

1.1. The main page has a navigation bar with links to the pages: a) about us, b) buy a car, c) Log-In.

1.2. The main page has a search bar that allows the Users to immediately look for a car.

1.3. The main page has a footer section with links to legal services, NDS, and our information

2. The Log-in section has a dropdown menu that presents the authentication or register button

2.1. The Log-in section allows for its Users to authenticate either with Google or with an account created on the platform.

2.2. The Register section presents two options: Register with Google or Create an account.

2.3. After creating an account, the User should be prompted to add their required legal documents before proceeding. This can be skipped.

2.4. The Log-In section presents text boxes to Log-in, as well as a Google Log-in functionality.

2.5. After Logging in or registering, the User is then redirected to their main page

3. In the buy a car section, the User is presented with the car search page that already lists multiple example cars and a search bar.

3.1. The User is able to search for a specific car using the search bar and natural language inputs.

3.2. The User is able to filter cars using filters and sliders.

3.3. The User is able to select a car

3.4. After selecting a car the User is able to view the car's details and buy it.

3.5. The User is able to visualize pictures of the car that were uploaded by the managers

3.6. The User is able to read the car’s specifications

3.7. The User is able solicit a driving test

3.8. After selecting driving test, there’s an specific page for test location selection

3.9. After selecting the location, if the User has all of the required documents uploaded then, then a confirmation email is sent to the User’s registered email address.

3.10. If the User has not yet uploaded the documents, a prompt to proceed with the document upload is given.

3.11. The User must be able to purchase a vehicle

3.12. After purchasing the User is prompted with two options, bank transfer, pay on site, or no interest payments.

3.13. The User is able to select a location of delivery

3.14. The delivery is confirmed through email after all payment procedures have been completed.

4. The User must be able to go to its account settings from any page

4.1. In the account settings page, the User must be able to upload or alter documents.

5. While undergoing a transaction, the User must be able to contact the corresponding Seller via chat.

5.1. Inversely, a Seller must be able to contact a particular transaction’s User via chat.

5.2. Users must also be able to contact their transaction’s Agency to raise urgent requests

6. Administrators must be able to petition the creation of an Auto Group.

6.1 Administrators must be able to upload documents regarding their Auto Group.

7. Administrators must be able to create Agencies within their Auto Group.

7.1 Administrators must be able to upload documents regarding their Agencies.

7.2 Administrators must be able to assign Managers to their Agencies.

7.2.1 Administrators must be able to remove Managers from their Agencies.

8. Managers must be able to manage the inventory in their Agency.

8.1. Managers must be able to assign Sellers to their respective Agencies.

8.2. Managers must be able to remove Sellers from their Agencies.

9. Superusers must be able to validate Auto Group creation petitions, as long as the required documents are all present.

9.1. Superusers must be able to greenlight or deny Auto group creation petitions.

9.2. Superusers must be able to remove Administrators from Auto Groups if necessary.

**Non-functional**

1. The main page provides advertisements with links that talk about the features that make our platform great

2. The main page has a help button in case the users need assistance from the chat bot or a human operator

3. If a user Logs in with a Google account even before registering with it, it will create an account with that authentication and redirect to the register process as a first time user.

4. The Register section should check for strong passwords

5. On the same date of the driving test, a confirmation email is sent that the user needs to reply for the driving test to happen

6. After purchasing a confirmation email is sent

7. Implementation of cookies and recent searches

8. In the account page the user must be able to update their email address and change password

9. Users can leave comments and reviews on Agencies

9.1. Users can also read other users’ comments and reviews

**Variaciones dependiendo del tiempo:**

* Requerimientos de personalización: Que las agencias (o admins) suban el modelo del auto, incluyendo sus opciones de color, transmisión, etc. y que cada agencia diga cuántos tiene de cada configuración.

O

Que las agencias suban cada auto con su propia configuración.

* Backlog de ordenes: Que se puedan hacer órdenes de autos que aún no están en stock

O

Que solo salga que no están disponibles al momento.

* Búsqueda: Por lenguaje natural

O

Preguntas guía

* Pagos: Por PayPal y transferencias

O

solo por transferencias

* Quejas: Las quejas se hacen por formulario, de lo que se pueden sacar estadísticas

O

Las quejas son libres y públicas

* Coches de lujo: Opciones extra para personalización de coches de lujo

O

Opciones más comunes