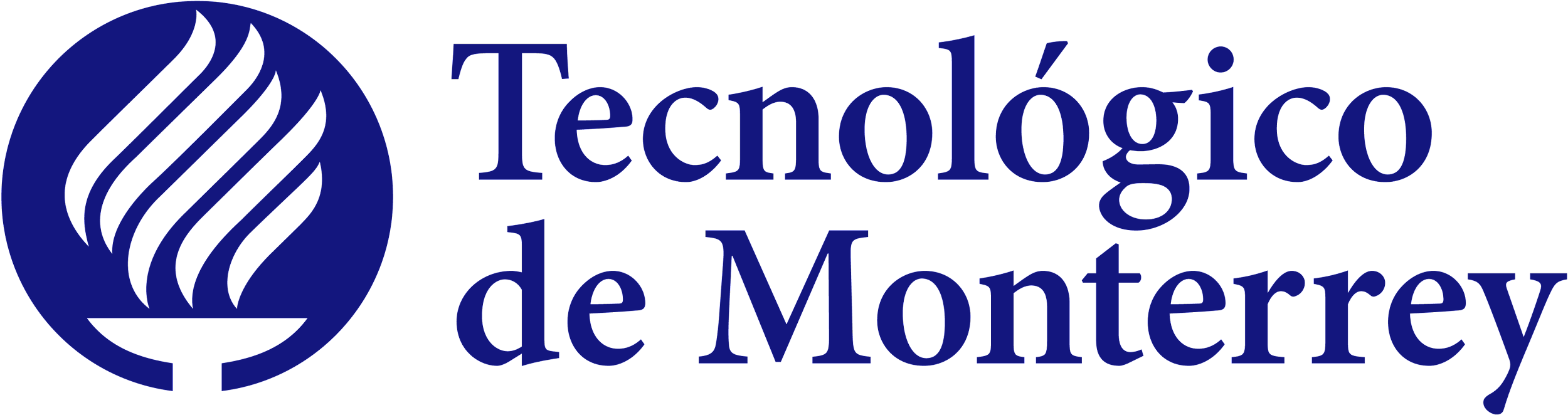
Campus Santa Fe



Planeación de sistemas de software

Gpo, 101

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**Definición de casos de uso**

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Febrero 2023

**Client**

| Name of Use Case: | Sign-up as a client | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A client decides to create an account on the AutoMart platform. | | |
| **Actors:** | Client, AutoMart platform | | |
| **Preconditions:** | 1. The client has access to a computer.  2. The client has access to required legal documents. | | |
| **Postconditions:** | 1. The client has an account on the AutoMart platform.  2. The client can use their account successfully. | | |
| **Flow:** | 1. The client enters the site and is greeted by the home page.  2. The client clicks the “Sign-up” button.  3. The client is prompted to choose between “Client”, “Administrator”, “Manager”, or “Seller”. They choose Client.  4. The client is prompted to choose between Google sign-in or to create an account, and chooses to create an account.  5. The client enters the corresponding information required to create an account, such as full name, email, date of birth, phone number, and a strong password.  6. The client is prompted to enter the required legal documents that can verify their identity.  7. The client clicks the “Accept” button and is prompted to accept the terms and conditions.  8. The client clicks the “Accept” button and creates their account successfully.  9. The client is redirected to their personal homepage. | | |
| **Alternative Flows:** | 4. In step 4 of the normal flow, the client can choose to make use of a Google account sign-in.  1. The client is prompted to sign in via Google.  2. The client enters their corresponding Google account and signs in.  3. The client is prompted to enter the required legal documents that can verify their identity.  4. The client is redirected to their personal homepage.  6. In step 6 of the normal flow, as well as in step 4 of the previous alternate flow, the client can choose to skip adding documents at that moment.  1. The client clicks the “Accept” button and creates their account successfully.  2. The client is redirected to their personal home page, but is reminded to add their corresponding legal documents or else they will not be able to purchase any vehicles.  8. In step 8 of the normal flow, the client can turn down the terms and conditions.  1. The corresponding prompt is closed and the client is redirected to the homepage. | | |
| **Exceptions:** | 6. In step 6 of the normal flow, as well as in step 4 of the first alternate flow, in case the client never adds their legal documents, any purchase options will be unavailable as these documents are required to do so.  8. In step 8 of the normal flow, in case the client turns down the terms and conditions their account is not created and are redirected to the general homepage. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The client must have a stable internet connection.  2. The client must input a valid email address.  3. The client must input a valid phone number.  4. The client must input a date of birth that corresponds with that of an adult of legal age. | | |

| Name of Use Case: | Login as a client | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A client decides to enter the AutoMart platform with a preexisting registered account. | | |
| **Actors:** | Client, AutoMart platform | | |
| **Preconditions:** | 1. The client has access to a computer.  2. The client has signed up already onto the AutoMart platform, whether it be via Google or with a native account. | | |
| **Postconditions:** | 1. The client can use their account successfully. | | |
| **Flow:** | 1. The client enters the site and is greeted by the home page.  2. The client clicks the “Login” button.  3. The client is prompted to choose between Google sign-in or enter an email, and chooses to enter an email.  4. The client enters the corresponding email and password.  5. The client clicks the “Enter” button and is redirected to their personal homepage. | | |
| **Alternative Flows:** | 3. In step 3 of the normal flow, the client can choose to make use of a Google account login.  1. The client is prompted to sign in via Google.  2. The client enters their corresponding Google account and signs in.  3. The client is redirected to their personal homepage. | | |
| **Exceptions:** | 4. In step 4 of the normal flow, as well as in step 2 of the first alternate flow, in case the client enters the wrong sign in details, the client is never redirected to their homepage and is instead prompted to try again. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The client must have a stable internet connection.  2. The client must input a valid email address and corresponding password. | | |

| Name of Use Case: | Buying a car as a client | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A client purchases a car via the AutoMart platform. | | |
| **Actors:** | Client, AutoMart platform, Seller, Manager | | |
| **Preconditions:** | 1. The client has access to a computer.  2. The client has signed up already onto the AutoMart platform, whether it be via Google or with a native account.  3. The client has entered their required legal documents onto their account. | | |
| **Postconditions:** | 1. The client is in the process of buying a car. | | |
| **Flow:** | 1. The client enters a specific car’s page.  2. The client can see the vehicle’s details.  3. The client is able to choose between Agencies.  4. The client is able to elect details such as transmission, color, and more, according to their chosen Agency’s inventory availability  5. The client can elect between doing a driving test or to buy the vehicle, they choose to buy the vehicle.  6. The client is prompted to enter their payment method and details, it can be between credit/debit card, bank transfer, or cash. The client chooses a credit card.  7. The Agency’s Manager is notified of the purchase request, after which a Seller is assigned to the transaction and their details are presented to the client.  8. The client is prompted with a message that indicates that the transaction is now underway. | | |
| **Alternative Flows:** | 5. In step 5 of the normal flow, the client can choose to request a driving test.  1. The client is prompted to choose a date and time for the test.  2. A message is sent to the corresponding Agency’s Manager.  3. A message is presented to the client indicating that their request has been made, and to await further confirmation.  6. In step 6 of the normal flow the client can choose between several payment options, in case of a bank transfer.  1. The client is prompted that the transaction has been started and to please provide proof of the transfer before anything else can be done.  2. The transaction is marked as pending in the client’s history so that they can upload proof and the Manager is notified of the transfer.  3. After such proof has been uploaded, the Agency’s Manager is notified of the proof upload, and after validation a Seller is assigned to the transaction and their details are presented to the client.  4. The client is prompted with a message that indicates that the transaction is now underway.  6. In step 6 of the normal flow the client can choose between several payment options, in case of cash.  1. The client is prompted that the transaction has been started and to please pay at the corresponding Agency.  2. The Manager is notified of the client’s election.  3. After payment has been confirmed by the Manager, the transaction is marked as underway by the Agency’s Manager. | | |
| **Exceptions:** | 5. In step 5 of the normal flow in case the client doesn’t have the adequate documents or they are incomplete, the client is not allowed to choose either option, and is instead prompted to complete their documents. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The client must have a stable internet connection.  2. The client’s funds must be verified before any confirmation is made or sale acknowledged. | | |

| Name of Use Case: | Searching for a car as a client | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A client looks for a car via the AutoMart platform. | | |
| **Actors:** | Client, AutoMart platform | | |
| **Preconditions:** | 1. The client has access to a computer.  2. The client has signed up already onto the AutoMart platform, whether it be via Google or with a native account. | | |
| **Postconditions:** | 1. The client is presented with car options according to their specifications. | | |
| **Flow:** | 1. The client is at their personal homepage.  2. The client can click on the search bar and enter specific terms to look up, or they can utilize filters. They use the search bar.  3. The client enters the search.  4. The client is presented with vehicle options that fit their description. | | |
| **Alternative Flows:** | 2. In step 2 of the normal flow, the client can choose to utilize filters.  1. The client can select from a variety of dropdown options, checkboxes and sliders to adjust the brand, model, transmission, color, and more.  2. The client enters the search.  3. The client is presented with vehicle options that fit the elected filters. | | |
| **Exceptions:** | 2. In step 2 of the normal flow in case the client enters nonsensical or nonexistent terms the search is aborted and results come up as null. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The client must have a stable internet connection. | | |

| Name of Use Case: | Messaging a Seller as a client | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A client wishes to contact a transaction’s Seller via the AutoMart platform. | | |
| **Actors:** | Client, AutoMart platform, Seller | | |
| **Preconditions:** | 1. The client has access to a computer.  2. The client has signed up already onto the AutoMart platform, whether it be via Google or with a native account.  3. The client is currently undergoing a transaction. | | |
| **Postconditions:** | 1. The client can communicate with their corresponding Seller. | | |
| **Flow:** | 1. The client is at their personal homepage.  2. The client clicks on their account icon and goes to their “Transactions”.  3. The client enters a specific transaction.  4. The client clicks on the “Contact Seller” button.  5. A chat window is prompted to the user and they can communicate with the corresponding Seller.  6. The corresponding Seller is pinged that they have a message. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 3. In step 3 of the normal flow in case the client has no ongoing transactions they cannot communicate with a Seller. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The client must have a stable internet connection.  2. The client has an ongoing transaction with confirmed payment. | | |

| Name of Use Case: | Uploading legal documents as a client | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A client looks for a car via the AutoMart platform. | | |
| **Actors:** | Client, AutoMart platform | | |
| **Preconditions:** | 1. The client has access to a computer.  2. The client has signed up already onto the AutoMart platform, whether it be via Google or with a native account. | | |
| **Postconditions:** | 1. The client has their legal identity linked to their AutoMart account. | | |
| **Flow:** | 1. The client is at their personal homepage.  2. The client clicks on their account icon and goes to their “Settings”.  3. The client goes to the “Details” section.  4. The client selects the corresponding document and selects the “Upload” button.  6. The client is prompted to upload a file.  7. The file is validated by the system.  8. A prompt is presented to the client that indicates that their file was uploaded successfully. | | |
| **Alternative Flows:** | 7. In step 7 of the normal flow, in case the document cannot be validated the client is prompted to try again. | | |
| **Exceptions:** | 1. In step 1 of the normal flow in case the client has no account, they cannot access their “Settings”. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The client must have a stable internet connection. | | |

**Superadmin**

| Name of Use Case: | Handling Auto Group creation requests as a superadmin | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A superadmin verifies that an Auto Group can be created. | | |
| **Actors:** | Superadmin, AutoMart platform, Administrator | | |
| **Preconditions:** | 1. The superadmin has access to a computer. | | |
| **Postconditions:** | 1. The superadmin verifies and creates an Auto Group or the request is denied. | | |
| **Flow:** | 1. The superadmin is notified of a new Auto Group creation request.  2. The superadmin logs in and enters the “Request” section.  3. The superadmin can see all documents attached to the Auto Group.  4. The superadmin accepts the request and a new Auto Group is created.  5. The Administrator that put in the request is notified of the creation and is assigned to the Auto Group. | | |
| **Alternative Flows:** | 4. In step 4 of the normal flow, in case the documents cannot be validated or the superadmin denies the request.  1. The corresponding Administrator is notified of the denial. | | |
| **Exceptions:** | - | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The superadmin must have a stable internet connection. | | |

| Name of Use Case: | Removing Administrators from an Auto Groups as a superadmin | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A superadmin removes an Auto Group’s Administrator. | | |
| **Actors:** | Superadmin, AutoMart platform, Administrator | | |
| **Preconditions:** | 1. The superadmin has access to a computer.  2. An Auto Group with an Administrator exists. | | |
| **Postconditions:** | 1. The superadmin removes the Administrator from the Auto Group. | | |
| **Flow:** | 1. The superadmin enters the “Auto Groups” section.  2. The superadmin enters the corresponding Auto Group.  3. The superadmin clicks the “Remove” button under the Auto Group’s Administrator’s information. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 3. In step 3 of the normal flow, in case there is no Administrator there is no “Remove” button. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The superadmin must have a stable internet connection. | | |

| Name of Use Case: | Adding Administrators to an Auto Groups as a superadmin | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A superadmin removes an Auto Group’s Administrator. | | |
| **Actors:** | Superadmin, AutoMart platform, Administrator | | |
| **Preconditions:** | 1. The superadmin has access to a computer.  2. An Auto Group without an Administrator exists. | | |
| **Postconditions:** | 1. The superadmin adds an Administrator to the Auto Group. | | |
| **Flow:** | 1. The superadmin enters the “Auto Groups” section.  2. The superadmin enters the corresponding Auto Group.  3. The superadmin clicks the “Add Administrator” button under the Auto Group’s information.  4. The superadmin can choose between all unassigned Administrator accounts that exist. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 4. In step 4 of the normal flow, in case there are no available Administrators there is no option when clicking “Add Administrator”. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The superadmin must have a stable internet connection. | | |

| Name of Use Case: | Viewing account details as a superadmin | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A superadmin can view any account’s details and documents. | | |
| **Actors:** | Superadmin, AutoMart platform, Administrator, Manager, Seller, Client | | |
| **Preconditions:** | 1. The superadmin has access to a computer.  2. There are accounts within AutoMart’s system. | | |
| **Postconditions:** | 1. The superadmin can view any account’s details. | | |
| **Flow:** | 1. The superadmin can choose between several sections regarding all types of accounts (Clients, Auto Groups, Administrators, Managers, Sellers).  2. The superadmin can select between any existing account in the section they chose.  3. The superadmin can search for a specific account via a search bar.  4. The superadmin selects the account they are interested in and can view statistics as well as access their uploaded documents. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 4. In step 4 of the normal flow, in case there are no uploaded files the superadmin cannot view a file. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The superadmin must have a stable internet connection. | | |

| Name of Use Case: | Creating accounts as a superadmin | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A superadmin can create any type of account. | | |
| **Actors:** | Superadmin, AutoMart platform, Administrator, Manager, Seller, Client | | |
| **Preconditions:** | 1. The superadmin has access to a computer. | | |
| **Postconditions:** | 1. The superadmin creates an account. | | |
| **Flow:** | 1. The superadmin can choose between several sections regarding all types of accounts (Clients, Auto Groups, Administrators, Managers, Sellers).  2. The superadmin clicks the “Create account” button.  3. They are prompted to enter the same details as in the corresponding sign-up process. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 3. In step 3 of the normal flow, in case they do not add all necessary bits of information they system does not create the account. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The superadmin must have a stable internet connection. | | |

| Name of Use Case: | Deleting accounts as a superadmin | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A superadmin can delete any type of account. | | |
| **Actors:** | Superadmin, AutoMart platform, Administrator, Manager, Seller, Client | | |
| **Preconditions:** | 1. The superadmin has access to a computer.  2. There are accounts within AutoMart’s system. | | |
| **Postconditions:** | 1. The superadmin deletes an account. | | |
| **Flow:** | 1. The superadmin can choose between several sections regarding all types of accounts (Clients, Auto Groups, Administrators, Managers, Sellers).  2. The superadmin enters a particular account.  2. The superadmin clicks the “Delete” button. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | - | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The superadmin must have a stable internet connection. | | |

**Administrators**

| Name of Use Case: | Sign-up as an administrator | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | An admin decides to create an account on the AutoMart platform. | | |
| **Actors:** | Administrator, AutoMart platform | | |
| **Preconditions:** | 1. The administrator has access to a computer.  2. The administrator has access to required legal documents. | | |
| **Postconditions:** | 1. The administrator has an account on the AutoMart platform.  2. The administrator can use their account successfully. | | |
| **Flow:** | 1. The administrator enters the site and is greeted by the home page.  2. The admin clicks the “Sign-up” button.  3. The admin is prompted to choose between “Client”, “Administrator”, “Manager”, or “Seller”. They choose Administrator.  4. The admin is prompted to choose between Google sign-in or to create an account, and chooses to create an account.  5. The admin enters the corresponding information required to create an account, such as full name, email, date of birth, phone number, and a strong password.  6. The admin is prompted to enter the required legal documents that can verify their identity.  7. The admin clicks the “Accept” button and is prompted to accept the terms and conditions.  8. The admin clicks the “Accept” button and creates their account successfully.  9. The admin is redirected to the “Request Auto Group” page. | | |
| **Alternative Flows:** | 4. In step 4 of the normal flow, the admin can choose to make use of a Google account sign-in.  1. The admin is prompted to sign in via Google.  2. The admin enters their corresponding Google account and signs in.  3. The admin is prompted to enter the required legal documents that can verify their identity.  4. The admin is redirected to the “Request Auto Group” page.  8. In step 8 of the normal flow, the admin can turn down the terms and conditions.  1. The corresponding prompt is closed and the admin is redirected to the homepage. | | |
| **Exceptions:** | 8. In step 8 of the normal flow, in case the admin turns down the terms and conditions their account is not created and are redirected to the general homepage. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The admin must have a stable internet connection.  2. The admin must input a valid email address.  3. The admin must input a valid phone number.  4. The admin must input a date of birth that corresponds with that of an adult of legal age.  5. The admin must add valid legal documents verifying their identity. | | |

| Name of Use Case: | Login as an administrator | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | An admin decides to enter the AutoMart platform with a preexisting registered account. | | |
| **Actors:** | Administrator, AutoMart platform | | |
| **Preconditions:** | 1. The admin has access to a computer.  2. The admin has signed up already onto the AutoMart platform, whether it be via Google or with a native account. | | |
| **Postconditions:** | 1. The admin can use their account successfully. | | |
| **Flow:** | 1. The admin enters the site and is greeted by the home page.  2. The admin clicks the “Login” button.  3. The admin is prompted to choose between Google sign-in or enter an email, and chooses to enter an email.  4. The admin enters the corresponding email and password.  5. The admin clicks the “Enter” button and is redirected to their personal homepage. | | |
| **Alternative Flows:** | 3. In step 3 of the normal flow, the admin can choose to make use of a Google account login.  1. The admin is prompted to sign in via Google.  2. The admin enters their corresponding Google account and signs in.  3. The admin is redirected to their personal homepage. | | |
| **Exceptions:** | 4. In step 4 of the normal flow, as well as in step 2 of the first alternate flow, in case the admin enters the wrong sign in details, the admin is never redirected to their homepage and is instead prompted to try again. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The admin must have a stable internet connection.  2. The admin must input a valid email address and corresponding password. | | |

| Name of Use Case: | Assign Manager accounts as an administrator | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | An admin can assign Manager accounts to Agencies. | | |
| **Actors:** | Administrator, AutoMart platform, Manager | | |
| **Preconditions:** | 1. The admin has access to a computer.  2. There are accounts within AutoMart’s system. | | |
| **Postconditions:** | 1. The admin assigns a Manager to an Agency. | | |
| **Flow:** | 1. The admin is notified of a new Manager request.  2. The admin can choose between several Agencies.  3. The admin clicks the corresponding Agency.  4. They click the “Requests” button.  5. The admin can see all Manager profiles that have requested a position, and can search for a specific one with a search bar.  6. The admin enters a profile.  7. The admin clicks the “Accept” button.  8. The Manager is assigned to the Agency. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 4. In step 4 of the normal flow, in case there are no requests, there are no visible profiles. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The admin must have a stable internet connection. | | |

| Name of Use Case: | Petition to create an Auto Group as an administrator | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | An admin can petition Superadmins to create Auto Groups. | | |
| **Actors:** | Administrator, AutoMart platform, Superadmin | | |
| **Preconditions:** | 1. The admin has access to a computer.  2. The admin has an account on the platform. | | |
| **Postconditions:** | 1. The Superadmin creates a new Auto Group. | | |
| **Flow:** | 1. The admin is at their homepage and they click the “Make Request” button.  2. The admin is prompted to enter the required information and upload the required legal documents.  3. The admin clicks the “Make Request” button.  4. The Superadmin is notified of a new request.  5. The admin is shown a message that indicates that the request has been put in. | | |
| **Alternative Flows:** | 2. In step 2 of the normal flow in case the admin does not add all required documents, they are not allowed to make the request and instead are prompted to add them. | | |
| **Exceptions:** | - | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The admin must have a stable internet connection. | | |

| Name of Use Case: | Remove Manager accounts as an administrator | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | An admin can remove Manager accounts from Agencies. | | |
| **Actors:** | Administrator, AutoMart platform, Manager | | |
| **Preconditions:** | 1. The admin has access to a computer.  2. There is at least one Manager assigned to an Agency. | | |
| **Postconditions:** | 1. The admin removes a Manager from an Agency. | | |
| **Flow:** | 1. The admin can choose between several Agencies.  2. The admin clicks the corresponding Agency.  3. They click the “Remove” button under the Manager’s details. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 4. In step 4 of the normal flow, in case there are no assigned Managers, there is no button available. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The admin must have a stable internet connection. | | |

| Name of Use Case: | Create Agencies as an administrator | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | An admin can create Agencies. | | |
| **Actors:** | Administrator, AutoMart platform, Superadmin | | |
| **Preconditions:** | 1. The admin has access to a computer.  2. The admin has successfully created an Auto Group. | | |
| **Postconditions:** | 1. The admin creates an Agency within their Auto Group. | | |
| **Flow:** | 1. The admin clicks the “Create Agency” button on their homepage.  2. The admin is prompted to add all relevant details on the Agency as well as the required legal documents.  3. The admin clicks the “Create” button.  4. The Superadmin is notified of a new Agency.  5. The admin is prompted with a message that indicates that the Agency is being validated. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 3. In step 3 of the normal flow, in case the admin does not add all documents or details, they are not allowed to create the Agency and are instead prompted to complete the information. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The admin must have a stable internet connection. | | |

**Managers**

| Name of Use Case: | Sign-up as a manager | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A manager decides to create an account on the AutoMart platform. | | |
| **Actors:** | Manager, AutoMart platform | | |
| **Preconditions:** | 1. The manager has access to a computer.  2. The manager has access to required legal documents. | | |
| **Postconditions:** | 1. The manager has an account on the AutoMart platform.  2. The manager can use their account successfully. | | |
| **Flow:** | 1. The manager enters the site and is greeted by the home page.  2. The manager clicks the “Sign-up” button.  3. The manager is prompted to choose between “Client”, “Administrator”, “Manager”, or “Seller”. They choose Manager.  4. The manager is prompted to choose between Google sign-in or to create an account, and chooses to create an account.  5. The manager enters the corresponding information required to create an account, such as full name, email, date of birth, phone number, and a strong password.  6. The manager is prompted to enter the required legal documents that can verify their identity.  7. The manager clicks the “Accept” button and is prompted to accept the terms and conditions.  8. The manager clicks the “Accept” button and creates their account successfully.  9. The manager is redirected to their homepage. | | |
| **Alternative Flows:** | 4. In step 4 of the normal flow, the manager can choose to make use of a Google account sign-in.  1. The manager is prompted to sign in via Google.  2. The manager enters their corresponding Google account and signs in.  3. The manager is prompted to enter the required legal documents that can verify their identity.  4. The manager is redirected to their homepage.  8. In step 8 of the normal flow, the manager can turn down the terms and conditions.  1. The corresponding prompt is closed and the manager is redirected to the general homepage. | | |
| **Exceptions:** | 8. In step 8 of the normal flow, in case the manager turns down the terms and conditions their account is not created and are redirected to the general homepage. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The manager must have a stable internet connection.  2. The manager must input a valid email address.  3. The manager must input a valid phone number.  4. The manager must input a date of birth that corresponds with that of an adult of legal age.  5. The manager must add valid legal documents verifying their identity. | | |

| Name of Use Case: | Login as a manager | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A manager decides to enter the AutoMart platform with a preexisting registered account. | | |
| **Actors:** | Manager, AutoMart platform | | |
| **Preconditions:** | 1. The manager has access to a computer.  2. The manager has signed up already onto the AutoMart platform, whether it be via Google or with a native account. | | |
| **Postconditions:** | 1. The manager can use their account successfully. | | |
| **Flow:** | 1. The manager enters the site and is greeted by the home page.  2. The manager clicks the “Login” button.  3. The manager is prompted to choose between Google sign-in or enter an email, and chooses to enter an email.  4. The manager enters the corresponding email and password.  5. The manager clicks the “Enter” button and is redirected to their personal homepage. | | |
| **Alternative Flows:** | 3. In step 3 of the normal flow, the manager can choose to make use of a Google account login.  1. The manager is prompted to sign in via Google.  2. The manager enters their corresponding Google account and signs in.  3. The manager is redirected to their personal homepage. | | |
| **Exceptions:** | 4. In step 4 of the normal flow, as well as in step 2 of the first alternate flow, in case the manager enters the wrong sign in details, the manager is never redirected to their homepage and is instead prompted to try again. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The manager must have a stable internet connection.  2. The manager must input a valid email address and corresponding password. | | |

| Name of Use Case: | View an Agency’s inventory as a manager | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A manager can see their Agency’s inventory. | | |
| **Actors:** | Manager, AutoMart platform | | |
| **Preconditions:** | 1. The manager has access to a computer.  2. The manager is assigned to an Agency. | | |
| **Postconditions:** | 1. The manager can view their Agency’s inventory. | | |
| **Flow:** | 1. The manager clicks the “View Inventory” button on their homepage.  2. The manager is presented with their Agency’s inventory. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 2. In step 2 of the normal flow, in case there is no inventory nothing will be shown. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The manager must have a stable internet connection. | | |

| Name of Use Case: | Add to the Agency’s inventory as a manager | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A manager can add to their Agency’s inventory. | | |
| **Actors:** | Manager, AutoMart platform | | |
| **Preconditions:** | 1. The manager has access to a computer.  2. The manager is assigned to an Agency. | | |
| **Postconditions:** | 1. The manager can view their Agency’s inventory. | | |
| **Flow:** | 1. The manager clicks the “Add Inventory” button on their homepage.  2. The manager is prompted to select a model, its details and specifications.  3. The manager clicks the “Add” button. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 2. In step 2 of the normal flow, in case all required fields are not added the element cannot be added. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The manager must have a stable internet connection. | | |

| Name of Use Case: | Remove from the Agency’s inventory as a manager | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A manager can remove an element from their Agency’s inventory. | | |
| **Actors:** | Manager, AutoMart platform | | |
| **Preconditions:** | 1. The manager has access to a computer.  2. The manager is assigned to an Agency. | | |
| **Postconditions:** | 1. The manager can view their Agency’s inventory. | | |
| **Flow:** | 1. The manager clicks the “View Inventory” button on their homepage.  2. The manager is presented with their Agency’s inventory.  3. The manager clicks the “Remove” button under a specific element. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 2. In step 2 of the normal flow, in case there is no inventory nothing will be shown. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The manager must have a stable internet connection. | | |

| Name of Use Case: | Assign Sellers to an Agency as a manager | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A manager can assign a Seller to their Agency. | | |
| **Actors:** | Manager, AutoMart platform, Seller | | |
| **Preconditions:** | 1. The manager has access to a computer.  2. The manager is assigned to an Agency. | | |
| **Postconditions:** | 1. The manager assigns Sellers to their Agency. | | |
| **Flow:** | 1. The manager is notified of a new Seller request.  2. The manager clicks the “View Requests” button on their homepage.  3. The manager can view all requests as well as the profiles that made them.  4. The manager clicks the “Accept” button on one of the Sellers.  5. The Seller is assigned to the Agency in question. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 2. In step 2 of the normal flow, in case there are no requests nothing will be shown. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The manager must have a stable internet connection. | | |

| Name of Use Case: | Remove Sellers from an Agency as a manager | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A manager can remove a Seller from their Agency. | | |
| **Actors:** | Manager, AutoMart platform, Seller | | |
| **Preconditions:** | 1. The manager has access to a computer.  2. The manager is assigned to an Agency.3  3. The manager’s Agency has at least one Seller. | | |
| **Postconditions:** | 1. The manager removes Sellers from their Agency. | | |
| **Flow:** | 1. The manager clicks the “View Staff” button on their homepage.  2. The manager can view all current Sellers.  3. The manager clicks the “Remove” button on one of the Sellers.  4. The Seller is removed from the Agency in question. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 2. In step 2 of the normal flow, in case there are no Sellers. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The manager must have a stable internet connection. | | |

| Name of Use Case: | Request position at an Agency as a manager | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A manager can request to be added to a certain Agency. | | |
| **Actors:** | Manager, AutoMart platform, Administrator | | |
| **Preconditions:** | 1. The manager has access to a computer.  2. The manager is not assigned to an Agency.  3. There is an Agency without an assigned Manager. | | |
| **Postconditions:** | 1. The manager is assigned to an Agency. | | |
| **Flow:** | 1. The manager clicks the “Apply” button on their homepage.  2. The manager can view all available Agencies and can click on an “Apply here” button under each.  3. The manager is prompted with a message that indicates that the corresponding Administrator was contacted.  4. The corresponding Administrator is notified that there is a new Manager request. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 2. In step 2 of the normal flow, in case there are no available Agencies the manager will not be able to apply. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The manager must have a stable internet connection. | | |

**Sellers**

| Name of Use Case: | Sign-up as a seller | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 05/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A seller decides to create an account on the AutoMart platform. | | |
| **Actors:** | Seller, AutoMart platform | | |
| **Preconditions:** | 1. The seller has access to a computer.  2. The seller has access to required legal documents. | | |
| **Postconditions:** | 1. The seller has an account on the AutoMart platform.  2. The seller can use their account successfully. | | |
| **Flow:** | 1. The seller enters the site and is greeted by the home page.  2. The seller clicks the “Sign-up” button.  3. The seller is prompted to choose between “Client”, “Administrator”, “Manager”, or “Seller”. They choose Seller.  4. The seller is prompted to choose between Google sign-in or to create an account, and chooses to create an account.  5. The seller enters the corresponding information required to create an account, such as full name, email, date of birth, phone number, and a strong password.  6. The seller is prompted to enter the required legal documents that can verify their identity.  7. The seller clicks the “Accept” button and is prompted to accept the terms and conditions.  8. The seller clicks the “Accept” button and creates their account successfully.  9. The seller is redirected to their homepage. | | |
| **Alternative Flows:** | 4. In step 4 of the normal flow, the seller can choose to make use of a Google account sign-in.  1. The seller is prompted to sign in via Google.  2. The seller enters their corresponding Google account and signs in.  3. The seller is prompted to enter the required legal documents that can verify their identity.  4. The seller is redirected to their homepage.  8. In step 8 of the normal flow, the seller can turn down the terms and conditions.  1. The corresponding prompt is closed and the seller is redirected to the general homepage. | | |
| **Exceptions:** | 8. In step 8 of the normal flow, in case the seller turns down the terms and conditions their account is not created and are redirected to the general homepage. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The seller must have a stable internet connection.  2. The seller must input a valid email address.  3. The seller must input a valid phone number.  4. The seller must input a date of birth that corresponds with that of an adult of legal age.  5. The seller must add valid legal documents verifying their identity. | | |

| Name of Use Case: | Login as a seller | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A seller decides to enter the AutoMart platform with a preexisting registered account. | | |
| **Actors:** | Seller, AutoMart platform | | |
| **Preconditions:** | 1. The seller has access to a computer.  2. The seller has signed up already onto the AutoMart platform, whether it be via Google or with a native account. | | |
| **Postconditions:** | 1. The seller can use their account successfully. | | |
| **Flow:** | 1. The seller enters the site and is greeted by the home page.  2. The seller clicks the “Login” button.  3. The seller is prompted to choose between Google sign-in or enter an email, and chooses to enter an email.  4. The seller enters the corresponding email and password.  5. The seller clicks the “Enter” button and is redirected to their personal homepage. | | |
| **Alternative Flows:** | 3. In step 3 of the normal flow, the seller can choose to make use of a Google account login.  1. The seller is prompted to sign in via Google.  2. The seller enters their corresponding Google account and signs in.  3. The seller is redirected to their personal homepage. | | |
| **Exceptions:** | 4. In step 4 of the normal flow, as well as in step 2 of the first alternate flow, in case the seller enters the wrong sign in details, the seller is never redirected to their homepage and is instead prompted to try again. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The seller must have a stable internet connection.  2. The seller must input a valid email address and corresponding password. | | |

| Name of Use Case: | Request position at an Agency as a seller | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A seller can request to be added to a certain Agency. | | |
| **Actors:** | Seller, AutoMart platform, Manager | | |
| **Preconditions:** | 1. The seller has access to a computer.  2. The seller is not assigned to an Agency. | | |
| **Postconditions:** | 1. The seller is assigned to an Agency. | | |
| **Flow:** | 1. The seller clicks the “Apply” button on their homepage.  2. The seller can view all available Agencies and can click on an “Apply here” button under each.  3. The seller is prompted with a message that indicates that the corresponding Manager was contacted.  4. The corresponding Manager is notified that there is a new Seller request. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 2. In step 2 of the normal flow, in case there are no available Agencies the seller will not be able to apply. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The seller must have a stable internet connection. | | |

| Name of Use Case: | View ongoing sales as a seller | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A seller can view all of their ongoing sales. | | |
| **Actors:** | Seller, AutoMart platform | | |
| **Preconditions:** | 1. The seller has access to a computer.  2. The seller is assigned to an Agency.  3. The seller has an ongoing sale. | | |
| **Postconditions:** | 1. The seller can see their ongoing sales. | | |
| **Flow:** | 1. The seller clicks the “View sales” button on their homepage.  2. The seller can view all ongoing sales and can click a “View details” button under each of them.  3. The seller can see the details of the chosen sale. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 2. In step 2 of the normal flow, in case there are no ongoing sales the seller will not see anything. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The seller must have a stable internet connection. | | |

| Name of Use Case: | Message a client as a seller | | |
| --- | --- | --- | --- |
| Created By: | Equipo 1 | Last Updated By: | E. Cabrera |
| Date Created: | 06/03/2023 | Last Revision Date: | 06/03/2023 |
| **Description:** | A seller can view all of their ongoing sales. | | |
| **Actors:** | Seller, AutoMart platform | | |
| **Preconditions:** | 1. The seller has access to a computer.  2. The seller is assigned to an Agency.  3. The seller has an ongoing sale. | | |
| **Postconditions:** | 1. The seller can message a client of an ongoing sale. | | |
| **Flow:** | 1. The seller clicks the “View sales” button on their homepage.  2. The seller can view all ongoing sales and can click a “View details” button under each of them.  3. The seller can see the details of the chosen sale and can click a “Message client” button.  4. The seller is prompted with a chat window. | | |
| **Alternative Flows:** | - | | |
| **Exceptions:** | 2. In step 2 of the normal flow, in case there are no ongoing sales the seller will not see anything. | | |
| **Requirements:** | The following requirements must be met before execution of the use case  1. The seller must have a stable internet connection. | | |