

# Acceptance tests

## Acme-Immigrant v1

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Notes	We are doing the acceptance test within the same group because the group we originally were going to do them with has decided to drop out at the last minute and we cannot find anyone else to replace them. We are aware this is not optimal, but we have no choice. At the very least we have taken the precaution of making sure that the person who tests the project is whoever has been least involved with the development of that project, to ensure that it's properly tested.

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## Use case 1 Register to the system as an immigrant

### Description

A non-authenticated user wants to register to the system, he or she fills the form with personal and credential data and finally he or she click on the button “Save”.

### Access

Main menu > Registrar as immigrant

### Tests

Test 1	
<b>Description</b>	Fill the form with the following data: name, ' John ', surname 'Pérez', phone: '+34 12 34 56', direction: '123 Fake street, VA, USA', email: 'correo@user.com', username: 'admin', password: 'abcdef' and accept the terms.
<b>Expected</b>	It must return an error showing that that username already exists.
<b>Outcome</b>	Appears a pop up with the text “The phone number does not verify any of the recommended patterns, are you sure you want save it?” and after hitThings Ok the error “The user name is already taken” is shown.
<b>Notes</b>	
Test 2	
<b>Description</b>	Fill the form with the following data: name, ' John ', surname 'Pérez', phone: '+34 12 34 56', direction: '123 Fake street, VA, USA', email: 'correo@user.com', username: 'usuario123, password: 'abcdef’” and accept the terms.
<b>Expected</b>	It should return to the main page.
<b>Outcome</b>	Appears a pop up with the text “The phone number does not verify any of the recommended patterns, are you sure you want save it?” and after hitThings Ok go to the main page.
<b>Notes</b>	
Test 3	
<b>Description</b>	Save the form without fill any field.
<b>Expected</b>	An error telling that fields must be filled, or the terms must be accepted must be shown.
<b>Outcome</b>	It shows error messages on fields name, surname, email, username, password and repeat password.
<b>Notes</b>	
Test 4	
<b>Description</b>	Hit the button “Cancel”.
<b>Expected</b>	It must return to the main page.
<b>Outcome</b>	The main page is shown.
<b>Notes</b>	

## Use case 2 Search for visas using a single keyword

### Description

A non-authenticated user wants to search visas with a keyword that can be contained in its class or description.

### Accesss

Main menu > Lists > Visas

### Tests

Test 1	
<b>Description</b>	With the field of search empty hit the button “Filter”
<b>Expected</b>	All the available visas must be shown, five in the first page and one in the second.
<b>Outcome</b>	It shows that six records have been found.
<b>Notes</b>	

Test 2	
<b>Description</b>	Write in the search field “permanente” and hit the “Filter” button.
<b>Expected</b>	Two visas must be shown.
<b>Outcome</b>	It shows two visas.
<b>Notes</b>	

Test 3	
<b>Description</b>	Check the correct operation of the links “Next”, “End”, “Previous”, “First” and the pages’ links.
<b>Expected</b>	The records must be shown correctly, five in the first page and one in the second.
<b>Outcome</b>	Nothing strange is shown and visas are shown fine.
<b>Notes</b>	

Test 4	
<b>Description</b>	Check that records are correctly ordered by their fields.
<b>Expected</b>	The records must be shown ordered alphabetically or numerically according to his type.
<b>Outcome</b>	All the fields are ordered fine.
<b>Notes</b>	

## Use case 3 Search visas using a single keyword being authenticated

### Description

An authenticated user wants to search visas with a keyword that can be contained in its class or description.

## Access

Main menu > Log in > Main menu > Lists > Visas

## Tests

Test 1	
<b>Description</b>	It's needed to be authenticated as a valid user, as for example immigrant1/immigrant1 and go to the visas' lists and with the search field empty hit the button "Filter".
<b>Expected</b>	All available visas must be shown, 6 If you have not changed At least six visas must be shown.
<b>Outcome</b>	It says that six records have been found.
<b>Notes</b>	

Test 2	
<b>Description</b>	It's needed to be authenticated as a valid user, as for example immigrant1/immigrant1 and go to the visas' lists and with the search field with the text "permanent" hit the button "Filter".
<b>Expected</b>	Two visas must be shown.
<b>Outcome</b>	Two visas are shown, with class "azul" y "morado"
<b>Notes</b>	

## Use case 4 Edit user account data

### Description

An authenticated user wants to edit his or her personal data.

### Access

Main menu > Log in > Main menu > Profile > Edit profile

## Tests

Test 1	
<b>Description</b>	After authenticating as a user, for example immigrant1/immigrant1, go to the page and fill the fields username, passwords, accept the terms and modify the name to "Luisa".
<b>Expected</b>	It must return to the main page.
<b>Outcome</b>	Appears a pop up with the text "The phone number does not verify any of the recommended patterns, are you sure you want save it?" and after hitting Ok returns to the main page and shows the new name.
<b>Notes</b>	

## Test 2

<b>Description</b>	After authenticating as a user, for example, immigrant1/immigrant1, and accessing that page, DBSE fill out the form correctly except the Mail field where you must write "mail" After authenticating as a user, for example immigrant1/immigrant1, go to the page and fills correctly the form except the field email where it must be written "correo"
<b>Expected</b>	It must be shown saying that a correct email must be entered.
<b>Outcome</b>	Appears a pop up with the text "The phone number does not verify any of the recommended patterns, are you sure you want save it?" and after hitting Ok it shows the right error message.
<b>Notes</b>	

## Use case 5 Open applications

### Description

A user authenticated as immigrant wants to apply for a visa giving a credit card in case of be a paid-visa and some personal and social data.

### Access

Main menu > Log in > Main menu > Lists > Visas > Apply for

Main menú > Immigrant > Create credit card

### Tests

Test 1	
<b>Description</b>	Authenticate as immigrant1/immigrant1, then go to the visas' list and apply for the second. Fill the form with the following data: Credit card: the first one, Full name: ' Ramon Garcia ', Birth place: ' Gandía, España ', Birth date: select 12/05/1980, Image: 'https://Facebook.com/imagen.jpg', User name: 'rgarcia', Social network: 'Facebook', Profile link: 'https://Facebook.com/rgarcia'. Hit the "Save" button.
<b>Expected</b>	It must return to the main page.
<b>Outcome</b>	It returns to the main page and doesn't show any error.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as immigrant1/immigrant1, then go to the visas' list and apply for the second. Fill the form with the following data: Credit card: the first one, Full name: ' Ramon Garcia ', Birth place: ' Gandía, España ', Birth date: select 12/05/1980, Image: 'https://Facebook.com/imagen.jpg', User name: 'rgarcia', Social network: 'Facebook', Profile link: 'https://Facebook.com/rgarcia'. Hit the "Save" button.
<b>Expected</b>	It must return to the main page with no errors.
<b>Outcome</b>	Applying for the first visa it returns to the main page before fill any data.
<b>Notes</b>	

Test 3	
<b>Description</b>	Authenticate as immigrant1/immigrant1, then go to the visas' list and apply for the second. Fill the form with the following data: Credit card: the second one, Full name: ' Ramon Garcia ', Birth place: ' Gandía, España ', Birth date: select 12/05/1980, Image: 'https://Facebook.com/imagen.jpg', User name: 'rgarcia', Social network: 'Facebook', Profile link: 'https://Facebook.com/rgarcia'. Hit the "Save" button.
<b>Expected</b>	It must return an error showing that the action couldn't be committed.
<b>Outcome</b>	It returns an error saying: "The expiration date must be at least three months ahead".
<b>Notes</b>	

Test 4	
<b>Description</b>	Save the form with all the fields blank.
<b>Expected</b>	There must be erros in all fields indicating to fill them.
<b>Outcome</b>	All the fields show an error.
<b>Notes</b>	

Test 5	
<b>Description</b>	Hit the button "Cancel".
<b>Expected</b>	Its musts return to the list page.
<b>Outcome</b>	It redirects to the list page correctly.
<b>Notes</b>	

## Use case 6 Close application

### Description

A user who has applied for a visa wants to close the application so that an officer can make a decision about it

### Access

Main menu > Log in > Main menu > Immigrant > List of applications > Display

### Tests

Test 1	
<b>Description</b>	It must be authenticated as immigrant1/immigrant1 and click on "Display" the application with "Green" visa, once loaded the page, at the end of this click the button "Close application".
<b>Expected</b>	Must be returned to the same page and the status of the application must be passed to AWAITING
<b>Outcome</b>	Works well and shows the status changed.
<b>Notes</b>	



## Use case 7 Edit application

### Description

A user who has made an application for a visa wants to modify the application before closing it.

### Access

Main menú > Log in > Application list > Display > Edit

### Tests

Test 1	
<b>Description</b>	In the list of application select the one that was created previously, in it edit any field and click the “Save” button.
<b>Expected</b>	Must be returned to the home page without indicating any error
<b>Outcome</b>	Send it to the home page.
<b>Notes</b>	

## Use case 8 Link applications

### Description

A user wants to join his application to that of another to be processed by the same officer.

### Access

Main menu > Log in > List of applications > Display

### Tests

Test 1	
<b>Description</b>	Show the application that was created in the previous tests, go down on the page and in the field next to the label "ticker" type '180701-LCIT24 ' and click the “Link” button.
<b>Expected</b>	Will be returned to the same page and a linked applications section will appear where the ticker that has been entered as a link will be displayed
<b>Outcome</b>	The ticker that has been written as linked application appears
<b>Notes</b>	

Test 2	
<b>Description</b>	Show the application that was created in the previous tests, go down on the page and in the field next to the label "ticker" type ' 180301-LKSC84 ' and click the “Link” button.
<b>Expected</b>	It will return to the same page and an error will appear indicating that an error has occurred when you join the applications.
<b>Outcome</b>	On the same page the following error appeared: " Couldn't commit the application " .
<b>Notes</b>	

## Use case 9 Answer a question

### Description

An immigrant answers a question that the responsible officer has placed on his or her application.

### Access

Main menu > Log in > Main menu > Immigrant > List of questions.

### Tests

Test 1	
<b>Description</b>	Authenticate as immigrant2/immigrant2 and access the list of questions, choose one of the two, write "answer" in the text field and click the “ answer” button.
<b>Expected</b>	The page should be updated showing the response and the response time, ie the time a couple of minutes ago
<b>Outcome</b>	Appears as it should.
<b>Notes</b>	

Test 2	
<b>Description</b>	Save the form without filling in any field.
<b>Expected</b>	It must return an error saying to fill the field.
<b>Outcome</b>	An error appears saying that the field cannot be empty.
<b>Notes</b>	

Test 3	
<b>Description</b>	Hit the button “Cancel”.
<b>Expected</b>	Its musts return to the list page.
<b>Outcome</b>	It redirects to the list page correctly.
<b>Notes</b>	

## Use case 10 Filter applications

### Description

An immigrant wants to see all his applications and filter them according to the status.

### Access

Main menu > Log in > Main menu > Immigrant > List of applications.

### Tests

Test 1	
<b>Description</b>	Authenticate as immigrant2/immigrant2 and access that route
<b>Expected</b>	An empty list must be displayed because the default is to show open applications.
<b>Outcome</b>	No application is seen
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as immigrant2/immigrant2, access this route, select rejected in the drop-down and click the “Filter” button
<b>Expected</b>	Should be shown an item in the view, with a ' roja ' visa.
<b>Outcome</b>	A red visa application comes out.
<b>Notes</b>	

Test 3	
<b>Description</b>	Authenticate as immigrant2/immigrant2, access that path, select awaiting in the drop-down and click the “Filter” button
<b>Expected</b>	An empty list must be displayed.
<b>Outcome</b>	You don't see any applications.
<b>Notes</b>	

Test 4	
<b>Description</b>	Authenticate as immigrant2/immigrant2, access that path, select accepted in the drop-down and click the “Filter” button
<b>Expected</b>	An item should be displayed in the list
<b>Outcome</b>	A “Verde” visa application comes out.
<b>Notes</b>	

Test 4	
<b>Description</b>	Authenticate as immigrant2/immigrant2 and check the correct operation of the links “Next”, “End”, “Previous”, “First” and the pages’ links.
<b>Expected</b>	The records must be shown correctly, five in the first page and one in the second.
<b>Outcome</b>	Nothing strange is shown and visas are shown fine.
<b>Notes</b>	

Test 5	
<b>Description</b>	Authenticate as immigrant2/immigrant2 and check that records are correctly ordered by their fields.
<b>Expected</b>	The records must be shown ordered alphabetically or numerically according to his type.
<b>Outcome</b>	All the fields are ordered fine.
<b>Notes</b>	

## Use case 11 List and self-assign applications not already assigned

### Description

An officer wants to assign applications to ask questions or make a decision about it.

### Access

Menu principal > Log in > Menu Chief > Officer > assign an application.

### Tests

Test 1	
<b>Description</b>	Authenticate as officer1/officer1, access the path and click on ' Assign ' in the application shown.
<b>Expected</b>	After the application has been assigned you must show the application details page.
<b>Outcome</b>	You see the view of “Display application”.
<b>Notes</b>	

## Use case 12 Filter assigned applications

### Description

An officer wants to list the applications he has assigned oxygenated by the state of This.

### Access

Menu principal > Log in > Menu Main > Official > List of applications.

### Tests

Test 1	
<b>Description</b>	Authenticate as officer2/officer2 and access that route
<b>Expected</b>	Two items should be shown in the list.
<b>Outcome</b>	We see applications 180301-LKSC84 and 180701-LCIT24
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as officer2/officer2, access that path, select rejected in the drop-down and click the “Filter” button
<b>Expected</b>	An item must be displayed in the view, with a ' red ' visa.
<b>Outcome</b>	You see an application.
<b>Notes</b>	

Test 3	
<b>Description</b>	Authenticate as immigrant2/immigrant2, access that path, select Standby in the drop-down and click the “Filter” button
<b>Expected</b>	An empty list must be displayed.
<b>Outcome</b>	No application is seen.
<b>Notes</b>	

Test 4	
<b>Description</b>	Authenticate as officer2/officer2, access that path, select accepted in the drop-down and click the “Filter” button
<b>Expected</b>	An item should be displayed in the list
<b>Outcome</b>	You see an application.
<b>Notes</b>	

## Use case 13 Ask a question regarding a self-assigned application

### Description

An officer wants to ask a question to an immigrant on an application he has assigned.

### Access

Menu principal > Log in > Menu Main > Officer > List of applications > Display.

### Tests

Test 1	
<b>Description</b>	Authenticate as officer1/officer1, access your list of applications, select one that is on hold, fill in the "Question" field at the bottom of the page with ' Question ' and click the “Save” button.
<b>Expected</b>	The page must be updated showing the asked question and the time in the "Questions" section.
<b>Outcome</b>	A question and its time of completion have been added.
<b>Notes</b>	

Test 2	
<b>Description</b>	Click on the "Save" button without filling in the "question" field.
<b>Expected</b>	An error should be returned stating that must be filled the field.
<b>Outcome</b>	There's a mistake saying that you need a question.
<b>Notes</b>	

## Use case 14 Make a decision on a self-assigned application

### Description

An officer wants to make a decision about an application he has assigned.

### Access

Main menu > Log in > Main menu > Official > List of applications (AWAITING) > Display.

### Tests

Test 1	
<b>Description</b>	Authenticate as officer1/officer1 (look notes), access that path and select an AWAITING application. Then in the "Make a decision" section, click the "Save" button without filling in the text field or mark the option.
<b>Expected</b>	The same page and an error must be displayed saying that you can't leave empty the reason for rejection.
<b>Outcome</b>	Comes an error saying that the reason cannot be empty.
<b>Notes</b>	Those credentials are only valid after making use case 11, otherwise use officer3/officer3

Test 2	
<b>Description</b>	Authenticate as officer1/officer1 (look notes), access that path and select an AWAITING application. Then in the "Make a decision" section, mark the accept option and click "Save".
<b>Expected</b>	The same page must be displayed and the status changed to "accepted".
<b>Outcome</b>	The state has changed well.
<b>Notes</b>	Those credentials are only valid after use case 11, otherwise use officer3/officer3

Test 3	
<b>Description</b>	Authenticate as officer3/officer3, access that path and select an AWAITING application. Then in the "Make a decision" section fill in the Text field with "Reason" and click "Save".
<b>Expected</b>	The same page must be displayed and the status changed to "rejected" and the reason entered should be shown.
<b>Outcome</b>	The state has changed well.
<b>Notes</b>	

## Use case 15 Assign an investigator to an immigrant

### Description

An officer wants to assign an investigator to an immigrant who has made one of the applications assigned.

### Access

Main menu > Log in > Main menu > Official > List of applications > Display > Immigrant's name.

### Tests

Test 1	
<b>Description</b>	Authenticate as officer1/officer1, list the applications, select one and click on the immigrant's name. Once on the immigrant page select a investigator from the drop-down and click on the corresponding button.
<b>Expected</b>	Must be returned to the home page without showing any errors.
<b>Outcome</b>	Send to the home page.
<b>Notes</b>	It is necessary to make the case of use 11.

## Use case 16 Read the reports of an immigrant

### Description

An officer previously assigned an investigator to an immigrant and wants to read the reports he has written.

### Access

Main menu > Log in > Main menu > Official > List of applications > Display > Immigrant's name.

### Tests

Test 1	
<b>Description</b>	Authenticate as officer2/officer2, list the applications, select one and click on the immigrant name.
<b>Expected</b>	It should appear in the reports section two lines, one for each immigrant report.
<b>Outcome</b>	Two lines come out in the reports section.
<b>Notes</b>	

## Use case 17 List assigned immigrants

### Description

An investigator wants to list the immigrants assigned to him.

### Access

Main menu > Log in > Main menu > Investigator > List of my immigrants.

### Tests

Test 1	
<b>Description</b>	Authenticate as investigator2/investigator2 and access the indicated route.
<b>Expected</b>	Must appear at least six records.

<b>Outcome</b>	Six immigrants appear.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as investigaor2/investigator2 an check the correct operation of the links "Next", "End", "Previous", "First" and the pages' links.
<b>Expected</b>	The records must be shown correctly, five in the first page and one in the second.
<b>Outcome</b>	Nothing strange is shown and visas are shown fine.
<b>Notes</b>	

Test 3	
<b>Description</b>	Authenticate as investigator2/investigator2 and check that records are correctly ordered by their fields.
<b>Expected</b>	The records must be shown ordered alphabetically or numerically according to his type.
<b>Outcome</b>	All the fields are ordered fine.
<b>Notes</b>	

## Use case 18 Write reports

### Description

An investigator wants to write a report about one of his assigned immigrants.

### Access

Main menu > Log in > Main menu > Investigator > List of my immigrants > Display > Write report.

### Tests

Test 1	
<b>Description</b>	Authenticate as investigator2/investigator2 and access the list of immigrants, then click on the "Display" option of the first record and click on the "Write report" link at the bottom. Once in the form fill in the fields with "Immigrant report", " <a href="https://url.com/imagen.jpg">https://url.com/imagen.jpg</a> " respectively and click the " Save "button.
<b>Expected</b>	It must be returned to the home page without showing any errors.
<b>Outcome</b>	Send to the home page.
<b>Notes</b>	

Test 2	
<b>Description</b>	Save the form without filling in any field.
<b>Expected</b>	An error must be shown telling to fill the text field
<b>Outcome</b>	There is an error saying that the text cannot be blank.
<b>Notes</b>	



Test 5	
<b>Description</b>	Hit the button “Cancel”.
<b>Expected</b>	Its musts return to the immigrant’s page.
<b>Outcome</b>	It redirects to the page correctly.
<b>Notes</b>	

## Use case 19 Create user accounts for new officers

### Description

An administrator wants to create an account for a new officer.

### Access

Main menu > Log in > Main menu > Administrator > Create official.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the route, then fill in the fields with the following information: Name, ' John ', Last name ' Perez ', Phone: ' + 34 12 34 56 ', Address: ' 123 Fake Street, VA, USA ', email: ' Correo@user.com ', username: ' officer123, Password: ' officer123 ' "and accepting the terms.
<b>Expected</b>	Must be returned to the home screen without showing error.
<b>Outcome</b>	Ask for confirmation of the phone and send to the main page.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and access the path, then fill in the fields with the following information: Name, ' John ', surname ' Perez ', Phone: ' + 34 12 34 56 ', Address: ' 123 Fake Street, VA, USA ', email: ' Correo@user.com ', username: ' Officer3, Password: ' officer123 ' and accepting the terms.
<b>Expected</b>	It must be returned to the home screen without showing error.
<b>Outcome</b>	Returns the error "that user name is already taken".
<b>Notes</b>	

## Use case 20 Create user accounts for new investigators

### Description

An administrator wants to create an account for a new investigator.

### Access

Main menu > Log in > Main menu > Administrator > Create investigator.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then fill in the fields with the following information: Name, ' John ', surname ' Perez ', Phone: ' + 34 12 34 56 ', Address: ' 123 Fake Street, VA, USA ', email: ' Correo@user.com ', username: ' invest123, Password: ' invest123 ' and accepting the terms.
<b>Expected</b>	It must be returned to the home screen without showing error.
<b>Outcome</b>	Ask for confirmation of the phone and send a Home
<b>Notes</b>	

## Use case 21 Create visas

### Description

An administrator wants to create a new type of visa.

### Access

Main menu > Log in > Main menu > Lists > Visas.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the link below "Create new visa" and fill in the fields with the following information: Class: "Turismo", Description: "3 Month temporary tourism visa", Price: 10, €, Category: "3-Month", Country: "España". and click the "Save" button.
<b>Expected</b>	It must be returned to the home screen without showing error.
<b>Outcome</b>	Send to the home page.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the link below "Create new visa" and fill in the fields with the following information: class: "Tourism", Description: "3 Month temporary tourism visa", Price: 150, \$, Category: "3-month", Country: "España". and click the "Save" button.
<b>Expected</b>	It must be returned to the home screen without showing error.
<b>Outcome</b>	Send it to the home page,
<b>Notes</b>	

Test 2	
<b>Description</b>	Save the form without filling in any field.
<b>Expected</b>	An error should be returned stating that The fields must be filled in.
<b>Outcome</b>	Errors appear saying that you have to fill in the fields.
<b>Notes</b>	

Test 3	
<b>Description</b>	Hit the button "Cancel".
<b>Expected</b>	Its musts return to the list page.
<b>Outcome</b>	It redirects to the list page correctly.
<b>Notes</b>	

## Use case 22 Edit visas

### Description

An administrator wants to create an account for a new investigator.

### Access

Main menu > Log in > Main menu > List > Visas > Display.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the first available record and click on the "Edit" button at the bottom of the page. Once in the form delete the field "Class" and save the form.
<b>Expected</b>	Must be returned to the same page with an error indicating that the "class" field should not be blank.
<b>Outcome</b>	There is an error in the class field saying it can't be empty.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and access the path, then do click on the "Display" link of the first available record and click on the "Edit" button at the bottom of the page. Once in the form change the Price field to "\$" and save the form.
<b>Expected</b>	You must return to the home page without showing any errors.
<b>Outcome</b>	Send it to the home page.
<b>Notes</b>	

## Use case 23 List all visas

### Description

An administrator wants to list all the visas that are in the system.

### Access

Main menu > Log in > Main menu > Lists > visas.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path.
<b>Expected</b>	At least six visas must be shown.
<b>Outcome</b>	Seven visas come out, including the one I created before
<b>Notes</b>	

## Use case 24 Abrogate visas

### Description

An administrator wants to abrogate a visa that is no longer valid.

### Access

Main menu > Log in > Main menu > List > Visas > Display.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the second available record and click on the "Cancel visa" button at the bottom of the page.
<b>Expected</b>	It must be returned to the same page indicating in the attributes that it is abrogated.
<b>Outcome</b>	The value of the attribute is changed to Yes.
<b>Notes</b>	

## Use case 25 Display dashboard

### Description

An administrator wants to view statistics on certain relationships between system identities.

### Access

Main menu > Log in > Main menu > Administrator > Show dashboard.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the route.
<b>Expected</b>	8 tables must be shown, with 4 columns each showing the minimum, the maximum, the mean and the typical deviation of each statistic.
<b>Outcome</b>	They leave 8 sections each with the four statistics

Display statistics

[New tab](#)

localhost:8080/Acme-Immigrant/dashboard/admin/display.do

Apps

Welcome!

List of countries

List of categories

## Display statistics

Number of applications per user

Minimum	Maximum	Average	Standard deviation
1.0	6.0	1.75	1.6394

Number of applications per officer

Minimum	Maximum	Average	Standard deviation
0.0	2.0	1.25	0.8292

Price of visas

Minimum	Maximum	Average	Standard deviation
6	600	245.1429	216.9499

Number of immigrants that are investigated per investigator

Minimum	Maximum	Average	Standard deviation
1.0	6.0	2.6667	2.357

Time since an application is closed and an officer makes a decision

Minimum	Maximum	Average	Standard deviation
4.0	14.0	9.0	5.0

Number of visas per category

Minimum	Maximum	Average	Standard deviation
0.0	3.0	0.7	1.1

Notes

## Use case 26 Navigate the hierarchy of visas and display them

### Description

A non-registered user wants to see the categories that exist and the visas that encompass

### Access

Main menu > Listings > Categories

### Tests

Test 1	
Description	Access the route
Expected	Should appear at least six categories
Outcome	Six records were found.
Notes	

Test 2	
<b>Description</b>	Access the mentioned path and click “Display” the first record
<b>Expected</b>	The detail view of that category should appear.
<b>Outcome</b>	You see the category data including the daughter categories.
<b>Notes</b>	

Test 3	
<b>Description</b>	Access the mentioned path, click “Display” the first record, inside click on the first category daughter and select the first visa.
<b>Expected</b>	The detail view of that visa must appear.
<b>Outcome</b>	You see all the “Verde” visa data.
<b>Notes</b>	

Test 4	
<b>Description</b>	Access the mentioned path and click on the name of the first category.
<b>Expected</b>	You must return to the list view, but this time showing the categories of daughters that you clicked.
<b>Outcome</b>	You see a list of the same daughter categories that you could see in the details.
<b>Notes</b>	

Test 5	
<b>Description</b>	Check the correct operation of the links “Next”, “End”, “Previous”, “First” and the pages’ links.
<b>Expected</b>	The records must be shown correctly, five in the first page and one in the second.
<b>Outcome</b>	Nothing strange is shown and visas are shown fine.
<b>Notes</b>	

Test 6	
<b>Description</b>	Check that records are correctly ordered by their fields.
<b>Expected</b>	The records must be shown ordered alphabetically or numerically according to his type.
<b>Outcome</b>	All the fields are ordered fine.
<b>Notes</b>	

## Use case 27 Navigate the list of countries and display the visas that they offer

### Description

A non-authenticated user wants to see the countries that offer visas and what visas they have.

### Access

Main menu > Lists > Countries.

### Tests

Test 1	
<b>Description</b>	Access the route.
<b>Expected</b>	Should be shown at least six countries
<b>Outcome</b>	It comes out that six records have been found.
<b>Notes</b>	

Test 2	
<b>Description</b>	Access the mentioned path, click on the link “Display” corresponding to the second and select one of the visas that shows
<b>Expected</b>	The detail view of that visa must be displayed.
<b>Outcome</b>	The details of the visa that I have selected come out.
<b>Notes</b>	

Test 3	
<b>Description</b>	Check the correct operation of the links “Next”, “End”, “Previous”, “First” and the pages’ links.
<b>Expected</b>	The records must be shown correctly, five in the first page and one in the second.
<b>Outcome</b>	Nothing strange is shown and visas are shown fine.
<b>Notes</b>	

Test 4	
<b>Description</b>	Check that records are correctly ordered by their fields.
<b>Expected</b>	The records must be shown ordered alphabetically or numerically according to his type.
<b>Outcome</b>	All the fields are ordered fine.
<b>Notes</b>	

## Use case 28 Display the requirements of every visa

### Description

A non-registered user wants to see the requirements of any of the visas that he can show.

### Access

Main menu > Lists > Visas > Display > Requirement > Law.

### Tests

Test 1	
<b>Description</b>	Access the list of visas, show the first, then click on the requirement shown and finally select the law of the requirement.
<b>Expected</b>	The detail view of the corresponding law must be displayed.

<b>Outcome</b>	All law data is displayed.
<b>Notes</b>	

## Use case 29 Create countries

### Description

An administrator wants to create a new country in the system.

### Access

Main menu > Log in > Main menu > List > Countries.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the link below "Create new country" and fill in the fields with the following information: Name: "andorra", ISO Code: 157, Flag: " <a href="https://wikipedia.org/Andorra/flag.jpeg">https://wikipedia.org/Andorra/flag.jpeg</a> ", Wikipedia page: "Https://es.wikipedia.org/wiki/Andorra " and click the "Save" button.
<b>Expected</b>	Must be returned to the list of countries.
<b>Outcome</b>	Send to the list and see the new country.
<b>Notes</b>	

Test 2	
<b>Description</b>	Save the form without filling in any field.
<b>Expected</b>	An error must be returned indicating that the field must be filled in or that the terms should be accepted.
<b>Outcome</b>	Error messages appear in the name, ISO code, flag and Wikipedia page fields.
<b>Notes</b>	

Test 3	
<b>Description</b>	Hit the button "Cancel".
<b>Expected</b>	Its musts return to the list page.
<b>Outcome</b>	It redirects to the list page correctly.
<b>Notes</b>	

## Use case 30 Edit countries

### Description

An administrator wants to Edit an existing country.



## Access

Main menu > Log in > Main menu > Lists > Countries > Display.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the first available record and click on the "Edit" button at the bottom of the page. Once in the form delete the field "Flag" and save the form.
<b>Expected</b>	Must return to the same page with an error.
<b>Outcome</b>	There's an error in the flag field saying it can't be blank.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the first available record and click on the "Edit" button at the bottom of the page. Once in the form modify the field name to "Portugal" and save the form.
<b>Expected</b>	You must return to the home page without showing any errors.
<b>Outcome</b>	Send it to the list of countries and you see the new one.
<b>Notes</b>	

## Use case 31 List countries

### Description

An administrator wants to list all the Countries In the system.

## Access

Main menu > Log in > Main menu > List > Countries.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the route.
<b>Expected</b>	Should be shown at least six countries, not counting the created.
<b>Outcome</b>	Seven countries leave.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and check the correct operation of the links "Next", "End", "Previous", "First" and the pages' links.
<b>Expected</b>	The records must be shown correctly, five in the first page and one in the second.
<b>Outcome</b>	Nothing strange is shown and visas are shown fine.
<b>Notes</b>	

## Test 3

<b>Description</b>	Authenticate as admin/admin and check that records are correctly ordered by their fields.
<b>Expected</b>	The records must be shown ordered alphabetically or numerically according to his type.
<b>Outcome</b>	All the fields are ordered fine.
<b>Notes</b>	

## Use case 32 Delete countries

### Description

An administrator wants to Delete a country from the system.

### Access

Main menu > Log in > Main menu > List > Countries > Display.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link in the first record available and click on the button "Delete" at the bottom of the page.
<b>Expected</b>	Must be returned to the home without showing any errors.
<b>Outcome</b>	Sends to the list of countries and does not see the one that has been removed.
<b>Notes</b>	

## Use case 33 Create categories

### Description

An administrator wants to create a new type of Category.

### Access

Main menu > Log in > Main menu > List > Visas.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the link at the bottom "Create new category" and fill in the fields with the following information: Name: "Free", Parent Category: "CATEGORY". and click the "Save" button.
<b>Expected</b>	It must be returned to the home screen without showing error.
<b>Outcome</b>	Send to the list of categories and you see the new.
<b>Notes</b>	

Test 2	
<b>Description</b>	Save the form without filling in any field.
<b>Expected</b>	An error must be returned indicating that the field must be filled in or that the terms should be accepted.
<b>Outcome</b>	It comes out an error saying that the name cannot be empty.
<b>Notes</b>	

Test 3	
<b>Description</b>	Hit the button "Cancel".
<b>Expected</b>	Its musts return to the list page.
<b>Outcome</b>	It redirects to the list page correctly.
<b>Notes</b>	

## Use case 34 Edit categories

### Description

An administrator You want to edit the information in an existing category.

### Access

Main menu > Log in > Main menu > List > Categories > show > edit.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the list, then select to show the first record, click on the button "edit" at the bottom and the form fill in the fields with the following information: Name: "Free" and not select any parent category. and click the "Save" button.
<b>Expected</b>	An error must be shown.
<b>Outcome</b>	There is an error saying that it cannot be null.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and access the list, then select to show the first record, click on the button "edit" at the bottom and the form fill in the fields with the following information: Name: "Payment" and not modify the parent category. and click the "Save" button.
<b>Expected</b>	You must return to the home page without showing any errors.
<b>Outcome</b>	Send to the list of categories where they leave all.
<b>Notes</b>	

## Use case 35 List categories

### Description

An administrator wants to list all the categories in the system.

### Access

Main menu > Log in > Main menu > Categories > Visas.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path.
<b>Expected</b>	Must show at least six categories without counting the previously created.
<b>Outcome</b>	Seven categories come out counting the new.
<b>Notes</b>	

## Use case 36 Delete categories

### Description

An administrator wants to delete a category.

### Access

Main menu > Log in > Main menu > List > Categories > Display > Edit.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the " Display " link of the second available record and click on the button "Edit" at the bottom of the page. Finally, click on the "Delete" button.
<b>Expected</b>	Must be returned a the category listing page.
<b>Outcome</b>	Send to the list of categories and you see that there is the category that has been deleted.
<b>Notes</b>	

## Use case 37 Create laws

### Description

An administrator wants to Introduce a new law into the system.

### Access

Main menu > Log in > Main menu > Administrator > List of laws.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the link below "Create new law" and fill in the fields with the following information: Title: "Turismo", Text: "Tourist activities must be regulated by the Organic Law 2017/21", Country:" España ". and click the "Save" button.
<b>Expected</b>	It must be returned to the home screen without showing error.
<b>Outcome</b>	Sends to the list and you see that it has been created.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the link below "Create new law" and fill in the fields with the following information: title: "Tourism", Text: "Tourist activities must be regulated by the Organic Law 2017/21 ", Country:"----". and click the "Save" button.
<b>Expected</b>	Must show an error.
<b>Outcome</b>	There is a mistake in the country field saying it can not be null.
<b>Notes</b>	

Test 3	
<b>Description</b>	Save the form without filling in any field.
<b>Expected</b>	An error must be returned indicating that the field must be filled in or that the terms should be accepted.
<b>Outcome</b>	It leaves error in all fields saying that you have to fill them.
<b>Notes</b>	

Test 4	
<b>Description</b>	Hit the button "Cancel".
<b>Expected</b>	Its musts return to the list page.
<b>Outcome</b>	It redirects to the list page correctly.
<b>Notes</b>	

## Use case 38 Edit laws

### Description

An administrator wants to Edit an existing law.

### Access

Main menu > Log in > Main menu > administrator > List of laws > show.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the first available record and click on the "Edit" button at the bottom of the page. Once in the form delete the field "Title" and save the form.
<b>Expected</b>	It must be returned to the same page with an error indicating that the field "Title" must not be blank.
<b>Outcome</b>	An error appears in title saying that you have to fill it.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the first available record and click on the "Edit" button at the bottom of the page. Once in the form modify the field "Title" to "Organic law" and save the form.
<b>Expected</b>	Must be returned to the list of laws.
<b>Outcome</b>	Send to the list and you see that the change has been made.
<b>Notes</b>	

## Use case 39 List laws

### Description

An administrator wants to list all laws in the system.

### Access

Main menu > Log in > Main menu > Administrator > List of laws.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path.
<b>Expected</b>	Must show at least six laws.
<b>Outcome</b>	Seven records come out.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and check the correct operation of the links "Next", "End", "Previous", "First" and the pages' links.
<b>Expected</b>	The records must be shown correctly, five in the first page and one in the second.
<b>Outcome</b>	Nothing strange is shown and visas are shown fine.
<b>Notes</b>	

Test 3	
<b>Description</b>	Authenticate as admin/admin and check that records are correctly ordered by their fields.
<b>Expected</b>	The records must be shown ordered alphabetically or numerically according to his type.
<b>Outcome</b>	All the fields are ordered fine.
<b>Notes</b>	

## Use case 40 Delete laws

### Description

An administrator wants to delete a system law.

### Access

Main menu > Log in > Main menu > Administrator > List of laws > Display > Edit.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the second available record and click on the button "Delete" at the bottom of the page.
<b>Expected</b>	Must be returned to the listing page.
<b>Outcome</b>	Sends to the list and you see that there is the law.
<b>Notes</b>	

## Use case 41 Create requirements

### Description

An administrator wants to create a new Requirement.

### Access

Main menu > Log in > Main menu > Administrator > List of requirements.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the link below "Create new requirement" and fill in the fields with the following information: Title: "Turismo", Description: "7 Requirement", "Law": "Law 4". and click the "Save" button.
<b>Expected</b>	Must be returned to the List page without showing error.
<b>Outcome</b>	Send it to the requisition list and it looks like it's been created.
<b>Notes</b>	

Test 2	
<b>Description</b>	Save the form without filling in any field.
<b>Expected</b>	An error must be returned indicating that the field must be filled in or that the terms should be accepted.
<b>Outcome</b>	Error in the fields title, description and law.
<b>Notes</b>	

Test 3	
<b>Description</b>	Hit the button "Cancel".
<b>Expected</b>	Its musts return to the list page.
<b>Outcome</b>	It redirects to the list page correctly.
<b>Notes</b>	

## Use case 42 Edit requirements

### Description

An administrator wants to edit an existing requirement.

### Access

Main menu > Log in > Main menu > Administrator > List of requirements > Display.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the first available record and click on the "Edit" button at the bottom of the page. Once in the form delete the field "Title"and save the form.
<b>Expected</b>	It must be returned to the same page with an error indicating that the field "Title" must not be blank.
<b>Outcome</b>	"Cannot be empty" error in title field.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the first available record and click on the "Edit" button at the bottom of the page. Once in the form modify the field Title a "2017/21.2"and save the form.
<b>Expected</b>	Must be returned to The list page without showing errors.
<b>Outcome</b>	Send to the list and you see that has been changed.
<b>Notes</b>	



## Use case 43 List requirements

### Description

An administrator wants to list all the visas that are in the system.

### Access

Main menu > Log in > Main menu > Administrator > List of requirements.

### Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path.
<b>Expected</b>	Should be shown at least six records (not counting the use case 39).
<b>Outcome</b>	Seven requisitions are coming out.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin a check the correct operation of the links “Next”, “End”, “Previous”, “First” and the pages’ links.
<b>Expected</b>	The records must be shown correctly, five in the first page and one in the second.
<b>Outcome</b>	Nothing strange is shown and visas are shown fine.
<b>Notes</b>	

Test 3	
<b>Description</b>	Authenticate as admin/admin and check that records are correctly ordered by their fields.
<b>Expected</b>	The records must be shown ordered alphabetically or numerically according to his type.
<b>Outcome</b>	All the fields are ordered fine.
<b>Notes</b>	

## Use case 44 Delete requirements

### Description

An administrator wants to delete a requirement.

### Access

Main menu > Log in > Main menu > Administrator > List of requirements > Display > Edit.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the second available record and click on the "Delete" button at the bottom of the page.
<b>Expected</b>	Must be returned to the listing page.
<b>Outcome</b>	Ask for confirmation, return to the list and no error is displayed.
<b>Notes</b>	

## Use case 45 Add visas to requirements

### Description

An administrator wants to override a visa that is no longer valid.

### Access

Main menu > Log in > Main menu > Administrator > List of requirements > Display > Add visa.

## Tests

Test 1	
<b>Description</b>	Authenticate as admin/admin and access the path, then click on the "Display" link of the second record available, select a visa from the drop-down and click on the button "Add visa" at the bottom of the page.
<b>Expected</b>	Must be returned to the same page and see the visa you selected in the list.
<b>Outcome</b>	It adds well.
<b>Notes</b>	

Test 2	
<b>Description</b>	Authenticate as admin/admin and access the route, then click on the "Display" link of the second available record, select a visa from the drop-down that is already in the list above and click on the "Add Visa" button at the bottom of the page.
<b>Expected</b>	You must return to the home page and show an error saying it already exists.
<b>Outcome</b>	Exits the error mentioned.
<b>Notes</b>	