

Acceptance tests

Acme-Newspaper 2.0

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Use case#01:Register as an agent

Description

An unauthenticated actor wants to register as agent. He or she fills in the form and clicks the register button to create a new account.

Access

Main menu > Register > New agent

Tests

Test #001	
Description	Fill in the form with the following data: username and password “agent9”, name “Agent”, surname “Agentson”, email “ mail@mail.com ”, phone “345345” and address “c/ Main, 10”.
Expected	The form will register successfully, and return the user to main page. The user can then login as “agent9”.
Outcome	<i>The system create the account successfully and allows to login with that account</i>
Notes	<i>It is possible to set the version of the account by inspecting hide elements</i>

Test #002	
Description	Attempt to register with invalid data: introduce a password with only 3 characters, leave the name field empty, fill in the email and phone fields with “invalid-data”.
Expected	The user won't register, and red error messages will highlight the invalid fields. <div data-bbox="389 1375 1244 1874"><h3>New agent</h3><p>Username: <input type="text" value="agent9"/></p><p>Password: <input type="password" value="..."/> Size must be from 5 to 32</p><p>Name: <input type="text"/> Must not be blank</p><p>Surname: <input type="text" value="Agentson"/></p><p>Email: <input type="text" value="invalid-data"/> Invalid email</p><p>Phone: <input type="text" value="invalid-data"/> Does not match pattern</p><p>Address: <input type="text"/></p><p><input type="button" value="Save"/> <input type="button" value="Cancel"/></p></div>
Outcome	<i>The result is the expected and the same as the picture</i>

Use case #02: Register an advertisement

Description

An agent wants to create a new advertisement. From his or her personal menu, he or she creates the ad and adjoins it to a newspaper.

Access

Logged in as agent, Main menu > Profile > Create advertisement

Tests

Test #003	
Description	As agent, create a new advertisement with name "New ad", banner "https://www.google.es/images/branding/googlelogo/1x/googlelogo_color_272x92dp.png", target "https://www.google.es/", holder "John White", brand "VISA", number "John Roger White", number "4716665991180313", expMonth "12", expYear "2020" and cvv "220".
Expected	After clicking the save button, the advertisement will register correctly. This result can be seen using the database workbench.
Outcome	<i>The advertisement is correctly created and placed it in the correct newspaper.</i>
Notes	<i>It is possible to set the version of the account by inspecting hide elements</i>

Test #004	
Description	As agent, attempt to create an advertisement with invalid data. Leave several fields blank and don't choose a newspaper.
Expected	After clicking the button, the advertisement will not register, and the incorrect fields will be highlighted with error messages.
Outcome	<i>Incorrect fields are highlighted with red error messages and the advertisement is not created as expected</i>
Notes	

Use case #03: List newspapers with ads

Description

A registered agent may see the newspapers in which they have placed an advertisement. He or she can do this from the main menu.

Access

Logged in as agent, Main menu > Profile > Newspapers with ads

Tests

Test #005	
Description	Registered as “agent1”, click on the “Newspapers with ads” option in the menu.
Expected	A view in which the newspapers with ads placed by this agent are listed. By default, there should be one newspaper.
Outcome	There are 2 newspapers even though only 1 was expected (The same newspaper is twice) The publication date isn’t shown although the newspaper is published.
Notes	

Test #006	
Description	Attempt to enter the view registered as “user1”, using copy and paste to access the URI while logged in as user.
Expected	The view will not display any tables or information.
Outcome	The expected result is fine, but the panic page or a message like “You don’t have access to this resource” should have been shown instead.
Notes	

Use case #04: List newspapers without ads

Description

A registered agent may see the newspapers in which they haven't placed advertisements. He or she can do this from the main menu.

Access

Logged in as agent, Main menu > Profile > Newspapers without ads

Tests

Test #007	
Description	Registered as "agent1", click on the "Newspapers without ads" option in the menu.
Expected	A view in which the newspapers without ads placed by this agent are listed. By default, there should be one newspaper.
Outcome	The list is empty.
Notes	

Test #008	
Description	Attempt to enter the view registered as "user1".
Expected	The view will not display any tables or information.
Outcome	The expected result is fine, but the panic page or a message like "You don't have access to this resource" should have been shown instead.
Notes	

Use case #05: List advertisements containing taboo words

Description

A system administrator can display a unique list with all the newspapers containing at least one taboo word in their titles, banners or target links.

Access

Logged in as admin, Main menu > Profile > Taboo ads

Tests

Test #009	
Description	As admin, enter the list of taboo advertisements.
Expected	After clicking the menu, a list with the advertisements will be shown. By default, there should be one advertisement.
Outcome	The expected result is fine.
Notes	

Test #010	
Description	Attempt to access the link as an anonymous user.
Expected	The URI will redirect to the login screen.
Outcome	The expected result is fine.
Notes	

Use case #06: Remove an advertisement

Description

An administrator may remove any advertisement he or she considers inappropriate, from the taboo advertisement list.

Access

Logged in as admin, Main menu > Profile > Taboo ads

Tests

Test #011									
Description	In the taboo ads menu, delete one advertisement using the “Delete” button located to the right.								
	<div>One item found.</div> <div>1</div> <table><tr><th>Title</th><th>Banner image</th><th>Target link</th><th></th></tr><tr><td>Sex shop</td><td>http://www.sexshop.com/images/img1.png</td><td>http://www.sexshop.com</td><td>Delete</td></tr></table>	Title	Banner image	Target link		Sex shop	http://www.sexshop.com/images/img1.png	http://www.sexshop.com	Delete
	Title	Banner image	Target link						
Sex shop	http://www.sexshop.com/images/img1.png	http://www.sexshop.com	Delete						
Expected	The ad will be deleted from the list and from the database.								
Outcome	<i>The advertisement is deleted from the database and no longer shown in the taboo ads</i>								
Notes									

Test #012	
Description	Registered as “user1”, attempt to delete an advertisement.
Expected	Attempting to use the URI will redirect to a page with a message saying the user does not have access to this resource.
Outcome	<i>Oops! You don't have access to this resource</i>
Notes	

Use case #07: Administrator's dashboard

Description

The administrators of the system can access a special dashboard with information and statistics about the system.

Access

Logged in as admin, Main menu > Profile > Dashboard

Tests

Test #013	
Description	Logged in as "admin", access the dashboard page.
Expected	Upon entering the menu, a view displaying a table with the system's statistics will be shown. The "Return" button under the table will return the user to the welcome page.
Outcome	One query is missing. The return button works correctly.
Notes	

Test #014	
Description	Registered as "customer1", attempt to access the dashboard.
Expected	Attempting to use the URI will redirect to a page with a message saying the customer does not have access to this resource.
Outcome	The expected result is fine.
Notes	

Use case #08: Display an advertisement

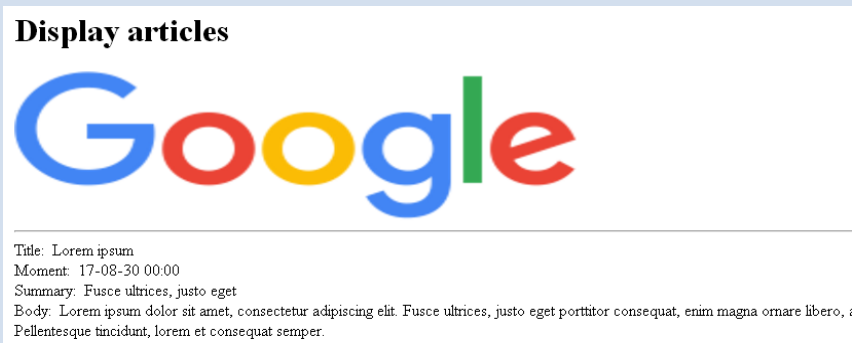
Description

Whenever an article is shown for a newspaper with advertisements registered to its name, the system will choose one advertisement at random.

Access

As customer, Main menu > List newspapers > Display

Tests

Test #015	
Description	As “agent1”, create an advertisement for newspaper “Special news”. Then, as “customer1”, display that newspaper and access one of its articles.
Expected	<p>In the article’s display view, the advertisement will display as a banner which, in turn, can be clicked to reach the target page. This test can be repeated with more than one ad, to test that the chosen banners are random.</p>  <p>The screenshot shows a web page titled "Display articles". It features a large Google logo as a banner advertisement. Below the logo, there is a section for article details: Title: Lorem ipsum, Moment: 17-08-30 00:00, Summary: Fusce ultrices, justo eget, and Body: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce ultrices, justo eget porttitor consequat, enim magna ornare libero, Pellentesque tincidunt, lorem et consequat semper.</p>
Outcome	<i>A random advertisement is shown as expected in the picture</i>
Notes	

Use case #09: List the volumes in the system

Description

Any user can access a list of all currently published volumes in the system, and from it, browse the newspapers associated to each volume.

Access

Main menu > List volumes

Tests

Test #016	
Description	As “customer1”, enter the volume list menu and browse the available volume. The system will allow displaying the articles for private newspapers.
Expected	The system will allow browsing the newspapers, as well as displaying the articles for a private newspaper.
Outcome	The system displayed the whole list of volumes available in the system. It allowed browsing the newspapers of the volume and it showed all of them (public and private).
Notes	When browsing the list of newspapers, the column ‘Private?’ shows the values ‘true’ or ‘false’. It kind of makes sense when browsing in English, but it doesn’t make sense when browsing in Spanish.

Test #017	
Description	As an unauthenticated user, enter the volume list menu and attempt to display articles for a private newspaper.
Expected	The system will allow browsing the newspapers, but it won’t allow displaying the articles for a private newspaper.
Outcome	The system displayed the whole list of volumes available in the system. It allowed browsing the newspapers of the volume and it showed all of them (public and private).
Notes	The system should not display the private newspapers if you are not authenticated.

Use case #10: Subscribe to a volume

Description

A customer may subscribe to a volume, which in turn subscribes them to every newspaper included in said volume.

Access

As customer, Main menu > List volumes

Tests

Test #018	
Description	As "customer2", enter the volume list and subscribe to the available volume using the "Subscribe" volume, using the following data: holder "John White", brand "VISA", number "John Roger White", number "4716665991180313", expMonth "12", expYear" 2020 and cvv "220".
Expected	After filling in the form and saving the data, the subscription to the volume and all its newspapers will appear in the database.
Outcome	The subscriptions are created as expected. However, as "customer2" I can create multiples subscriptions to the same volume/newspaper.
Notes	

Test #019	
Description	Attempt to subscribe using invalid data, such as empty holder and brand fields, invalid credit card number, or out of range values (ranges provided in the image).
Expected	After attempting to save, the system will highlight the errors and the subscription won't be carried out. <div data-bbox="389 1500 1212 1962"><h3>New subscription</h3><p>Holder: <input type="text"/> Must not be blank</p><p>Brand: <input type="text"/> Must not be blank</p><p>Number: <input type="text" value="123"/> Invalid credit card number</p><p>Expiration month: <input type="text" value="1111"/> Out of range (1-12)</p><p>Expiration year: <input type="text" value="2222"/> Out of range (2000-2100)</p><p>CVV: <input type="text" value="1"/> Out of range (100-999)</p><p><input type="button" value="Save"/> <input type="button" value="Cancel"/></p><p>Cannot commit operation</p></div>
Outcome	Expiration month, expiration year and CVV are optional attributes, and they

	shouldn't. The system accepts subscriptions with values out of the ranges provided.
Notes	

Use case #11: Create a volume

Description

Any user may create a volume at any time. Volumes are initially empty, and newspapers can be added and removed from them at any time.

Access

As user, Main menu > List volumes > Create volume

Tests

Test #020	
Description	As “user1”, access the volume list and create a volume, introducing the following data: title “Acceptance volume 1”, description “This is the acceptance testing volume”, year “2018”.
Expected	After saving it, the system will return the user to the volume list, in which the new volume has already been added.
Outcome	The system return the volumes list with the new one added.
Notes	<p>If you click the ‘save’ button with the form empty or introducing invalid data, the system return a panic page instead of showing the appropriate error messages.</p> <div><p>Panic</p><p>Sorry for the inconvenience. The following exception was thrown and is not recoverable: BindException.</p><p>Message</p><pre>org.springframework.validation.BeanPropertyBindingResult: 2 errors Field error in object 'volume' on field 'title': rejected value []; codes [NotBlank.volume.title,NotBlank.title,NotBlank.java.lang.String,NotBlank]; arguments [org.springframework.context.support.DefaultMessageSourceResolvable: codes [volume.title,title]; arguments []; default message [title]]; default message [Must not be blank] Field error in object 'volume' on field 'description': rejected value []; codes [NotBlank.volume.description,NotBlank.description,NotBlank.java.lang.String,NotBlank]; arguments [org.springframework.context.support.DefaultMessageSourceResolvable: codes [volume.description,description]; arguments []; default message [description]]; default message [Must not be blank]</pre></div> <div><p>Panic</p><p>Sorry for the inconvenience. The following exception was thrown and is not recoverable: BindException.</p><p>Message</p><pre>org.springframework.validation.BeanPropertyBindingResult: 1 errors Field error in object 'volume' on field 'year': rejected value [qwe]; codes [typeMismatch.volume.year,typeMismatch.year,typeMismatch.java.lang.Integer,typeMismatch]; arguments [org.springframework.context.support.DefaultMessageSourceResolvable: codes [volume.year,year]; arguments []; default message [year]]; default message [Failed to convert property value of type 'java.lang.String' to required type 'java.lang.Integer' for property 'year'; nested exception is java.lang.NumberFormatException: For input string: "qwe"]</pre></div> <p>The same thing happens when you try to do an XSS attack.</p>

Test #021

Description	As “admin”, attempt to use the URI to reach the volume creation view.
Expected	The URI will instead redirect to a panic page, due to invalid authorization.
Outcome	The system return a panic page
Notes	I think that the system shouldn’t return a panic page, it should return a message telling that you don’t have access.

Use case #12: Edit a volume's newspapers

Description

Any user can modify the volumes they have created, by adding or removing published newspapers from the list.

Access

As user, Main menu > List volume > Edit

Tests

Test #022	
Description	As “user1”, click the “Edit” button in a newly created volume, and add the available newspaper with the “Add” button. Then, remove it from the volume with the “Remove” button.
Expected	The added newspaper will be shown appearing and disappearing from the text above the list of newspapers.
Outcome	The system return the newspaper added in the list above when I add it. The system doesn't display the newspaper in the list above when I remove it.
Notes	

Test #023	
Description	Attempt to add a newspaper that's already in the volume, or remove a newspaper that isn't in the volume.
Expected	In both cases, the buttons should do nothing, as the operation doesn't take place if there's no reason to.
Outcome	Nothing happens
Notes	

Use case #13: Send a message

Description

Any authenticated actor may send a message to another actor, from inside their message folders view.

Access

While authenticated, Main menu > My messages > Send message

Tests

Test #024	
Description	As “user1”, send a message to “admin” with priority “LOW”, title “Test” and body “Testing messages”.
Expected	After sending, confirmation of sending can be achieved by checking the “out box” of “user1” and the “in box” of admin. The message can be displayed in both boxes.
Outcome	The system send the message successfully and it is in the “out box” of “user1” and in the “in box” of “admin” as expected
Notes	The “Cancel” button does not work correctly: it returns to the “User list view”. It is possible to change the uneditable properties of the message because they are in hidden fields, not using a pruned object. It would be more useful if the system returned the “Display view” of the sent message, not the “Folder list view”.

Test #025	
Description	Attempt to send a message with blank fields.
Expected	Pressing the save button will send the user back to the folder view, but the message wont be sent. This can be confirmed by checking the “out box” of the user and the “in box” of the target.
Outcome	The result is the expected
Notes	The system works incorrectly because it must return the form with the validation errors, not the “Folder list view” without sending the message.

Use case #14: Moving a message

Description

An actor can move the messages they have created or received between boxes.

Access

While authenticated, Main menu > My messages

Tests

Test #026																	
Description	<p>As “user1”, move the recently created message from “out box” to “notification box” using the “Move” button inside the folder.</p> <div><div>One item found.</div><div>1</div><table><tr><th>Sent</th><th>×</th><th>Priority</th><th>×</th><th>Subject</th><th>×</th><th></th><th></th></tr><tr><td>Apr 30, 2018 4:42:07 PM</td><td></td><td>LOW</td><td></td><td>Test</td><td></td><td>Display</td><td>Move</td></tr></table></div>	Sent	×	Priority	×	Subject	×			Apr 30, 2018 4:42:07 PM		LOW		Test		Display	Move
Sent	×	Priority	×	Subject	×												
Apr 30, 2018 4:42:07 PM		LOW		Test		Display	Move										
Expected	After moving the message, the user can confirm it doesn’t appear in “out box” and it does appear “notification box”.																
Outcome	The system change the message’s folder successfully and it appears in the “notification box” of “user1”, not in his “out box” as expected																
Notes	It possible to change the id of the destination folder, and it can be an id of a folder of another user: the system permits to change the message to a folder that is not yours. There is not a “Cancel” or “Back” button to go back																

Test #027	
Description	Attempt to move the message into the same folder in which it already is.
Expected	Nothing will happen, and the message will remain in the folder without duplicates or errors.
Outcome	The result is the expected
Notes	It would be more useful if the system returned a message error or if the actual folder did not appear as a option to change

Use case #15: Deleting a message

Description

If an actor deletes a message from a box other than “trash box”, the message will be instead moved to “trash box”. If the actor deletes the message from “trash box”, it is deleted from the system.

Access

While authenticated, Main menu > My messages

Tests

Test #028	
Description	As “user1”, delete the previously used message, then delete it from “trash box”.
Expected	After pressing the “Delete” button, the message will be moved to “trash box”, and once deleted from there, the message won’t exist in any of the user’s folders.
Outcome	When first pressed the “Delete” button, the message is sent to the trash box. However, deleting the message in the trash box has no effect and it remains in that folder.
Notes	

Use case #16: Create folders and subfolders

Description

All actors may add new folders and subfolders in a free taxonomy, except for the five original system folders, which cannot be modified or deleted at all. They can, however, have subfolders.

Access

While authorized, Main menu > My messages > Create folder

Tests

Test #029	
Description	As any user, create a new folder named “Test folder” and choose one of the system folders as parent.
Expected	Once created, the new folder can be seen both in the list of folders of the “My messages” view, and the “Children folders” list of the folder selected as parent.
Outcome	Working as expected
Notes	

Test #032	
Description	Attempt to create a folder with a blank name.
Expected	Pressing the save button, the view will highlight the error and the folder will not be created until a name is chosen.
Outcome	Working as expected
Notes	

Use case #17: Edit and delete a custom folder

Description

The folders created by users can be edited and deleted at will.

Access

While authorized, Main menu > My messages

Tests

Test #033	
Description	As any user, create a custom folder, then edit its name and parent, then delete it.
Expected	After creating a custom folder, its name and parent can be changed as many times as necessary. Deleting the folder can be done from inside the edition view, or using the "Delete folder" button on the folder list. Once the folder is deleted, it doesn't exist in the database.
Outcome	The system edit or delete the folder as expected
Notes	The "Delete the folder" button of the "Folder list view" does not work if the folder has messages: the system returns the "Panic view". The "Delete" button of the "Folder edit view" does not work if the folder has messages: the system returns a "Cannot commit this operation" error. The confirm delete message can be more descriptive. It is possible to access to a "Folder edit view" of a folder that is not yours (changing the id in the URL or in the "Edit the folder" button in the "Folder list view"). It can be possible to select the folder to edit as its root. It is possible to change the uneditable properties of the folder because they are in hidden fields, not using a pruned object.

Test #034	
Description	As "user1", attempt to delete the folder "inbox2" using the ID provided by the entities map.
Expected	The operation will result in a panic message, as the operation is not supported by any means.
Outcome	The result is the expected
Notes	

Use case #18: Broadcast a message

Description

The system's administrators can broadcast a message to every single actor in the system. These messages are counted as notifications, and stored in the "notification box" every actor receives by default.

Access

As admin, Main menu > My messages > Broadcast message

Tests

Test #035	
Description	As "admin", broadcast a message with priority "HIGH", subject "Notification" and body "This is a test notification".
Expected	After sending the message, confirmation of the broadcast can be made by logging in as different accounts and checking that the message appears in all of their "notification box" folders.
Outcome	Working as expected
Notes	

Test #036	
Description	Attempt to broadcast a notification without a set priority, or with blank fields.
Expected	After pressing the save button, the view will return to the folder list, but the message won't be sent. This can be confirmed by checking the "notification box" folders of several accounts.
Outcome	Working as expected. However, we recommend that the system displays at least a "Cannot commit this operation" error, in order to pass the validation tests by the lecturers.
Notes	

Additional tests

Test <#999>	
Description	Change the language from English to Spanish for every test conducted.
Expected	The tests should have the same results, and every system text should be translated to Spanish. Please, document any tests that work in English but not in Spanish, and any non-translated messages found in a list, if applicable.
Outcome	
Notes	