

Acceptance tests

Acme Newspaper 2.0

This document describes the acceptance tests for the project Acme Newspaper 2.0.

Development team	
Identifier	G7
Members	Alcalá Gamero, Guillermo; Ramírez González, Marta; Calbet González, María Victoria; Romero Espárraga, David; Ortiz Calleja, Jesús; Utrilla Martín, Juan Carlos.
Testing team	
Identifier	G69
Members	Reyes Aroca, Camila; Pérez Llorente, Ángel; Ortiz Aguilar, Sergio; Lucas Lozano, Ismael; Lozano Pineda, José Ángel; Castaño del Castillo, Carlos.
Indexing data	
Test designers	Ramírez González, Marta.
Testers	Reyes Aroca, Camila; Castaño del Castillo, Carlos.
Notes	Add notes if necessary.

Table of contents

Use case UC-01 Register as a user	4
Use case UC-02 List the newspapers	7
Use case UC-03 Browse the newspapers' articles	10
Use case UC-04 Display the users of the system and their profiles.....	12
Use case UC-05 Search for a published article	16
Use case UC-06 Search for a published newspaper.....	19
Use case UC-07 Actions of an authenticated user.....	22
Use case UC-08 Create a newspaper	23
Use case UC-09 Create an article	25
Use case UC-10 Publish a newspaper	29
Use case UC-11 Publish a follow-up.....	31
Use case UC-12 Remove inappropriate newspapers.....	35
Use case UC-13 Remove inappropriate articles.....	37
Use case UC-14 Display a dashboard	39
Use case UC-15 Post a chirp.....	41
Use case UC-16 Follow and unfollow a user	44
Use case UC-17 List the followed users	47
Use case UC-18 List followers	48
Use case UC-19 List followed users' chirps.....	49
Use case UC-20 List taboo words and elements which contain them.....	50
Use case UC-21 Manage taboo words	52
Use case UC-22 Remove an inappropriate chirp	55
Use case UC-23 Register as a customer	58
Use case UC-24 Subscribe to a private newspaper.....	61
Use case UC-25 Create a private newspaper	63
Use case UC-26 Register as an agent	65
Use case UC-27 Create an advertisement	66
Use case UC-28 List newspapers with an agent's advertisements	69
Use case UC-29 List newspapers without an agent's advertisements	72
Use case UC-30 Remove an inappropriate advertisement.....	75
Use case UC-31 List volumes and browse their newspapers.....	78
Use case UC-32 Subscribe to a volume.....	81
Use case UC-33 Create volumes and edit its newspapers	83

Use case UC-34 List folders	87
Use case UC-35 Create and edit folders	89
Use case UC-36 Exchange messages with other actors	92
Use case UC-37 Manage an actor's messages	95
Additional tests	97

Use case UC-01 Register as a user

Description

An unauthenticated user wishes to register to the system. He or she fills a form with personal data and sends it clicking the "Save" button.

Access

Main Menu -> Register -> User

Tests

Test <#001>	
Description	Fill the form with valid data; this is, giving a username that is not registered in the database yet, mandatory data is provided, the passwords match and the Terms and Conditions are accepted. Then, the data is registered in the database by clicking the button "Save".
Expected	The user is successfully saved in the database and the system returns to the Welcome page.   

Outcome	<i>Expected.</i>
Notes	<i>System returns to list of users instead of welcome page.</i>

Test <#002>	
Description	<i>Click the "Save" button with a blank form.</i>
Expected	<p><i>The form displays message errors such as "Must not be blank" and "Size must be from 5 to 32" in the screen indicating which fields are not filled correctly.</i></p> <p>The screenshot shows a web page titled 'Edit an actor'. The form contains several input fields with validation messages: 'Name' and 'Surname' both have 'Must not be blank' messages; 'Email addresses' has a 'Must not be empty' message; 'Username' has a 'Size must be from 5 to 32' message; 'Password' and 'Repeat password' both have 'Must not be blank' messages; and 'Accept terms' has a 'Size must be from 5 to 32' message. Below the form is a footer with links to 'About us', 'Copyright © 2018 Acme-Newspaper Co., Inc.', 'Legal Terms', and a 'Read the terms of use' link. At the bottom of the page, there are browser status icons for MySQL Workbench, Java EE - Eclipse, and a tab for 'Edit an actor - Google...'.</p>
Outcome	<i>Expected</i>
Notes	

Test <#003>	
Description	<i>Click the "Save" button after filling the form, but the username is already registered in the database.</i>
Expected	<p><i>The system displays a "The username is already in use" error message and returns the form with the data provided.</i></p> <p>The screenshot shows a web page titled 'Edit an actor'. The form contains several input fields with validation messages: 'Name' and 'Surname' both have 'Must not be blank' messages; 'Email addresses' has a 'Must not be empty' message; 'Username' has a 'Size must be from 5 to 32' message; 'Password' and 'Repeat password' both have 'Must not be blank' messages; and 'Accept terms' has a 'Size must be from 5 to 32' message. Below the form is an error message: 'The username is already in use'. At the bottom of the page, there are browser status icons for MySQL Workbench, Java EE - Eclipse, and a tab for 'Edit an actor - Google...'.</p>
Outcome	<i>Expected</i>

Notes

Test <#004>

Description	<i>Click the “Save” button after filling the form, but the passwords don’t match.</i>
Expected	<i>The system displays a “Both passwords must match” error message and returns the form with the data provided.</i>
	 <p>A screenshot of a web browser window titled "Edit an actor". The URL is "localhost:8080/Acme-Newspaper/user/edit.do". The page has a header with "Welcome to newspaper" and navigation links for NEWSPAPERS, USERS, CUSTOMERS, REGISTER, and LOGIN. Below the header is a form with fields for Name, Surname, Postal addresses, Phone numbers, Email addresses, Username, Password, Repeat password, and Accept terms. The "Accept terms" checkbox is checked, and there is a link to "Read the terms of use". At the bottom of the form, the message "Both password must match" is displayed in red. The browser taskbar shows icons for Start, MySQL Workbench, Java EE - Eclipse, and Edit an actor - Google... .</p>
Outcome	<i>Expected</i>
Notes	

Test <#005>

Description	<i>Click the “Save” button after filling the form, but the Terms and Conditions haven’t been accepted.</i>
Expected	<i>The system displays a “The terms of use must be accepted” error message and returns the form with the data provided.</i>
	 <p>A screenshot of a web browser window titled "Edit an actor". The URL is "localhost:8080/Acme-Newspaper/user/edit.do". The page has a header with "Welcome to newspaper" and navigation links for NEWSPAPERS, USERS, CUSTOMERS, REGISTER, and LOGIN. Below the header is a form with fields for Name, Surname, Postal addresses, Phone numbers, Email addresses, Username, Password, Repeat password, and Accept terms. The "Accept terms" checkbox is unchecked, and there is a link to "Read the terms of use". At the bottom of the form, the message "The terms of use must be accepted" is displayed in red. The browser taskbar shows icons for Start, MySQL Workbench, Java EE - Eclipse, and Edit an actor - Google... .</p>
Outcome	<i>Expected</i>
Notes	

Use case UC-02 List the newspapers

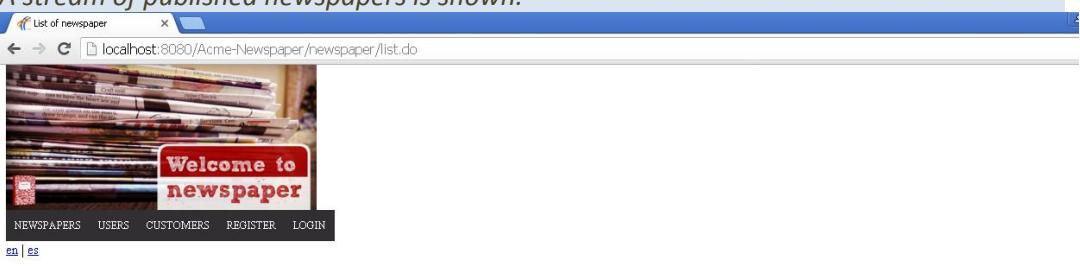
Description

An unauthenticated user wishes to display the newspapers in the system. He or she clicks the "Newspapers" button in the main menu and lists all the newspapers which have been published.

Access

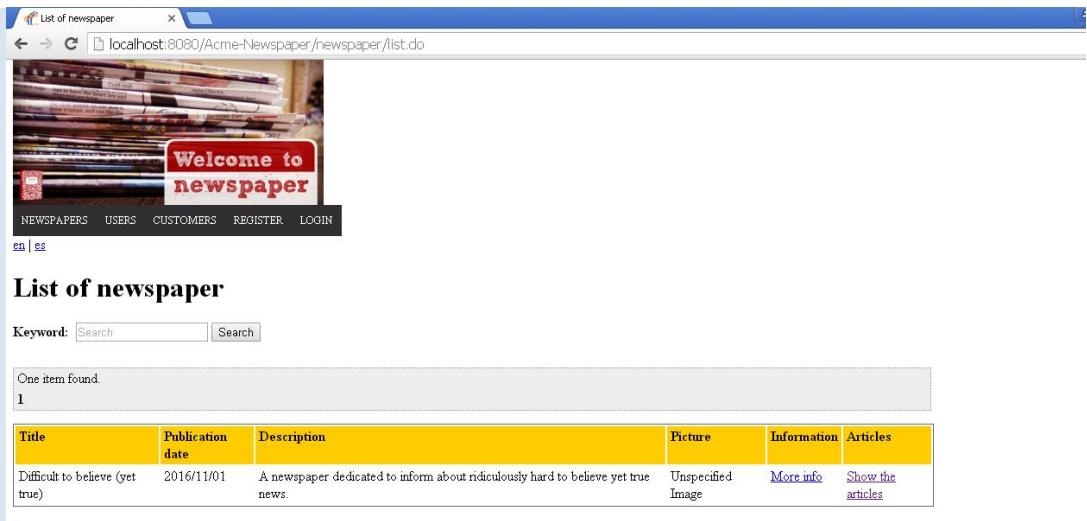
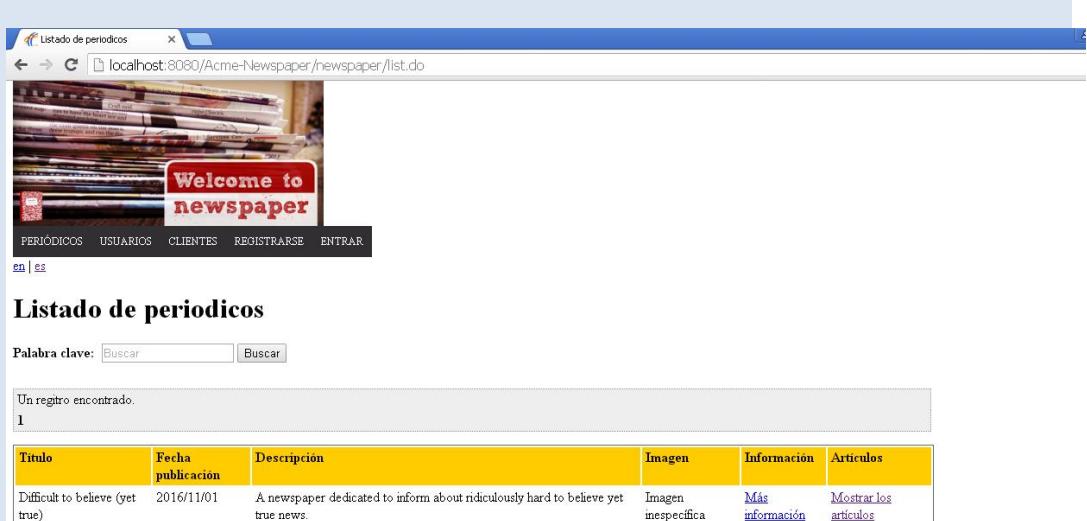
Main Menu -> Newspapers

Tests

Test <#001>	
Description	The system displays all the newspapers which have been published.
Expected	A stream of published newspapers is shown. 
Outcome	Private newspapers are listed, not only public ones. Articles column is not displayed. A legend that indicates that red rows are private newspapers is missing.
Notes	

Test <#002>	
Description	Pagination of the list of published newspapers works as intended; that is, once clicking a new page, the system returns the next group of newspapers.
Expected	A new group of newspapers is shown.
Outcome	Expected
Notes	

Test <#003>	
Description	Listing the newspapers works properly in English and Spanish.
Expected	The system displays the messages and menus in the selected language.

Outcome Notes	 <p>The screenshot shows a web browser window titled "List of newspaper". The URL is "localhost:8080/Acme-Newspaper/newspaper/list.do". The page features a header with a stack of newspapers and a "Welcome to newspaper" banner. Below the banner is a navigation bar with links: NEWSPAPERS, USERS, CUSTOMERS, REGISTER, LOGIN, en es. A search bar with placeholder "Keyword: Search" and a "Search" button is present. A message "One item found." is displayed above a table. The table has columns: Title, Publication date, Description, Picture, Information, and Articles. One row is shown: "Difficult to believe (yet true)" with publication date "2016/11/01", description "A newspaper dedicated to inform about ridiculously hard to believe yet true news.", picture link "Unspecified Image", information link "More info", and article link "Show the articles".</p> <hr/>  <p>The screenshot shows a web browser window titled "Listado de periodicos". The URL is "localhost:8080/Acme-Newspaper/newspaper/list.do". The layout is identical to the English version, with a header featuring a stack of newspapers and a "Welcome to newspaper" banner. The navigation bar includes links: PERIODICOS, USUARIOS, CLIENTES, REGISTRARSE, ENTRAR, en es. A search bar with placeholder "Palabra clave: Buscar" and a "Buscar" button is present. A message "Un registro encontrado." is displayed above a table. The table has columns: Titulo, Fecha publicación, Descripción, Imagen, Información, and Artículos. One row is shown: "Difficult to believe (yet true)" with publication date "2016/11/01", description "A newspaper dedicated to inform about ridiculously hard to believe yet true news.", image link "Imagen inespecífica", information link "Más información", and article link "Mostrar los artículos".</p>
--------------------------------	--

Use case UC-03 Browse the newspapers' articles

Description

An unauthenticated user wishes to display a newspaper's articles. He or she clicks the "Newspapers" button in the main menu and clicks the link in the "Articles" column, which will only be visible if it's a public newspaper.

Access

Main Menu -> Newspapers -> Show the articles

Tests

Test <#001>	
Description	The system displays all the newspapers' articles in case the newspaper is public.
Expected	A stream of the public newspaper's articles. 
Outcome	Articles column is not displayed, so it's necessary to get into 'More Info' link to see the list of articles. In this list, only title, summary and writer fields are displayed. If the newspaper is private, articles list is not shown, so it's working as expected. When clicking on Summary, full summary is displayed, but when clicking again, full summary doesn't hide.
Notes	

Test <#002>	
Description	Pagination of the list of articles works as intended; that is, once clicking a new page, the system returns the next group of articles.
Expected	A new group of articles is shown.
Outcome	Expected
Notes	

Test <#003>	
Description	Listing the articles works properly in English and Spanish.

n

Expected

The system displays the messages and menus in the selected language.



List of articles

Keyword:

2 items found, displaying all items.

1

Title	Body	Summary	Publication Date	Follow-ups	Pictures	Newspaper
Title of Article 1	An employee messed it all up after accidentally mixing two chemical components in a pool.	Toxic cloud made neighbours evacuate	11/01/2016	There are not follow-ups	No pictures to show	Difficult to believe (yet true)
Title of Article 2	Clients caused chaos in a supermarket. They pushed and kicked each other. The reason? The Nutella had a 70% discount.	Chaos in supermarket due to Nutella on sale	11/01/2016	There are not follow-ups	No pictures to show	Difficult to believe (yet true)

Start | Back | Stop | Refresh | MySQL Workbench | List of articles - Google | Java EE - Eclipse



Listado de artículos

Palabra clave:

2 registros encontrados, mostrando todos los registros.

1

Título	Cuerpo	Resumen	Fecha de publicación	Seguimientos	Imágenes	Periódico
Title of Article 1	An employee messed it all up after accidentally mixing two chemical components in a pool.	Toxic cloud made neighbours evacuate	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)
Title of Article 2	Clients caused chaos in a supermarket. They pushed and kicked each other. The reason? The Nutella had a 70% discount.	Chaos in supermarket due to Nutella on sale	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)

Start | Back | Stop | Refresh | MySQL Workbench | Listado de artículos - ... | Java EE - Eclipse

Outcome

Expected.

Notes

Use case UC-04 Display the users of the system and their profiles

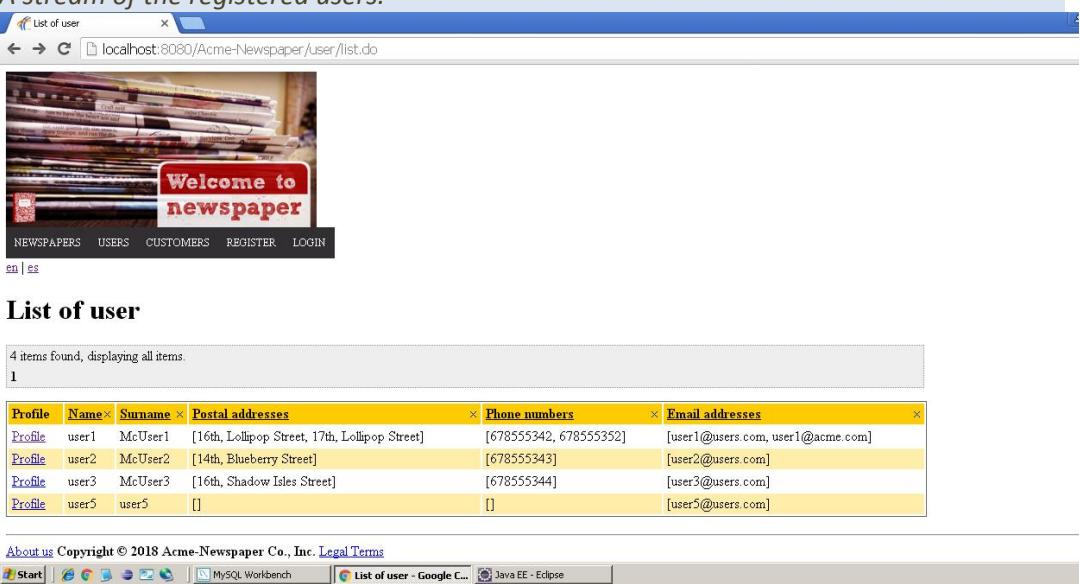
Description

An unauthenticated user wishes to view a list of registered users in the system, as well as their profiles. He or she clicks the “Users” button in the main menu and the system returns a list of users, along with their personal data and a list of articles included in published newspapers.

Access

Main Menu -> Users -> Profile (of any user)

Tests

Test <#001>	
Description	The system displays all the registered users, along with a “Profile” button next to each.
Expected	A stream of the registered users. 
Outcome	Expected.
Notes	

Test <#002>	
Description	List the articles written by a user from published newspapers.
Expected	A new group of articles written by the selected user is shown, along with its personal information.

User profile	<p>Name: user1 Surname: McUser1 Postal addresses: [16th, Lollipop Street, 17th, Lollipop Street] Phone numbers: [678555342, 678555352] Email addresses: [user1@users.com, user1@acme.com]</p> <p>2 items found, displaying all items. 1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Title</th> <th>Publication Date</th> <th>Summary</th> <th>Newspaper</th> </tr> </thead> <tbody> <tr> <td>Title of Article 1</td> <td>11/01/2016</td> <td>Toxic cloud made neighbours evacuate</td> <td>Difficult to believe (yet true)</td> </tr> <tr> <td>Title of Article 2</td> <td>11/01/2016</td> <td>Chaos in supermarket due to Nutella on sale</td> <td>Difficult to believe (yet true)</td> </tr> </tbody> </table>	Title	Publication Date	Summary	Newspaper	Title of Article 1	11/01/2016	Toxic cloud made neighbours evacuate	Difficult to believe (yet true)	Title of Article 2	11/01/2016	Chaos in supermarket due to Nutella on sale	Difficult to believe (yet true)
Title	Publication Date	Summary	Newspaper										
Title of Article 1	11/01/2016	Toxic cloud made neighbours evacuate	Difficult to believe (yet true)										
Title of Article 2	11/01/2016	Chaos in supermarket due to Nutella on sale	Difficult to believe (yet true)										
Outcome	Expected.												
Notes													

Test <#003>	<p><i>Listing the users works properly in English and Spanish.</i></p>
Descriptio n	
Expected	<p><i>The system displays the messages and menus in the selected language.</i></p> <p><i>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</i></p>
Notes	

User profile

Welcome to newspaper

NEWSPAPERS USERS CUSTOMERS REGISTER LOGIN

en | es

User profile

Name: user1
 Surname: McUser1
 Postal addresses: [16th, Lollipop Street, 17th, Lollipop Street]
 Phone numbers: [678555342, 678555352]
 Email addresses: [user1@users.com, user1@acme.com]

2 items found, displaying all items.
 1

Title	Publication Date	Summary	Newspaper
Title of Article 1	11/01/2016	Toxic cloud made neighbours evacuate	Difficult to believe (yet true)
Title of Article 2	11/01/2016	Chaos in supermarket due to Nutella on sale	Difficult to believe (yet true)

Start | MySQL Workbench | User profile - Google ... | Java EE - Eclipse

Listado de usuarios

Welcome to newspaper

PERIÓDICOS USUARIOS CLIENTES REGISTRARSE ENTRAR

en | es

Listado de usuarios

4 registros encontrados, mostrando todos los registros.
 1

Perfil	Nombre	Apellidos	Direcciones postales	Números de teléfono	Direcciones de correo
Perfil	user1	McUser1	[16th, Lollipop Street, 17th, Lollipop Street]	[678555342, 678555352]	[user1@users.com, user1@acme.com]
Perfil	user2	McUser2	[14th, Blueberry Street]	[678555343]	[user2@users.com]
Perfil	user3	McUser3	[16th, Shadow Isles Street]	[678555344]	[user3@users.com]
Perfil	user5	user5	[]	[]	[user5@users.com]

Sobre nosotros Copyright © 2018 Acme-Newspaper Co., Inc. Términos Legales

Start | MySQL Workbench | Listado de usuarios - ... | Java EE - Eclipse

Perfil de usuario

Welcome to newspaper

PERIÓDICOS USUARIOS CLIENTES REGISTRARSE ENTRAR

en | es

Perfil de usuario

Nombre: user1
 Apellidos: McUser1
 Direcciones postales: [16th, Lollipop Street, 17th, Lollipop Street]
 Números de teléfono: [678555342, 678555352]
 Direcciones de correo: [user1@users.com, user1@acme.com]

2 registros encontrados, mostrando todos los registros.
 1

Título	Fecha de publicación	Resumen	Periódico
Title of Article 1	01/11/2016	Toxic cloud made neighbours evacuate	Difficult to believe (yet true)
Title of Article 2	01/11/2016	Chaos in supermarket due to Nutella on sale	Difficult to believe (yet true)

Start | MySQL Workbench | Perfil de usuario - Go... | Java EE - Eclipse

Outcome

When displaying the system in Spanish, “Publication date” is translated as “Fecha de

publication", and "Summary" is directly not translated.

Notes

Use case UC-05 Search for a published article

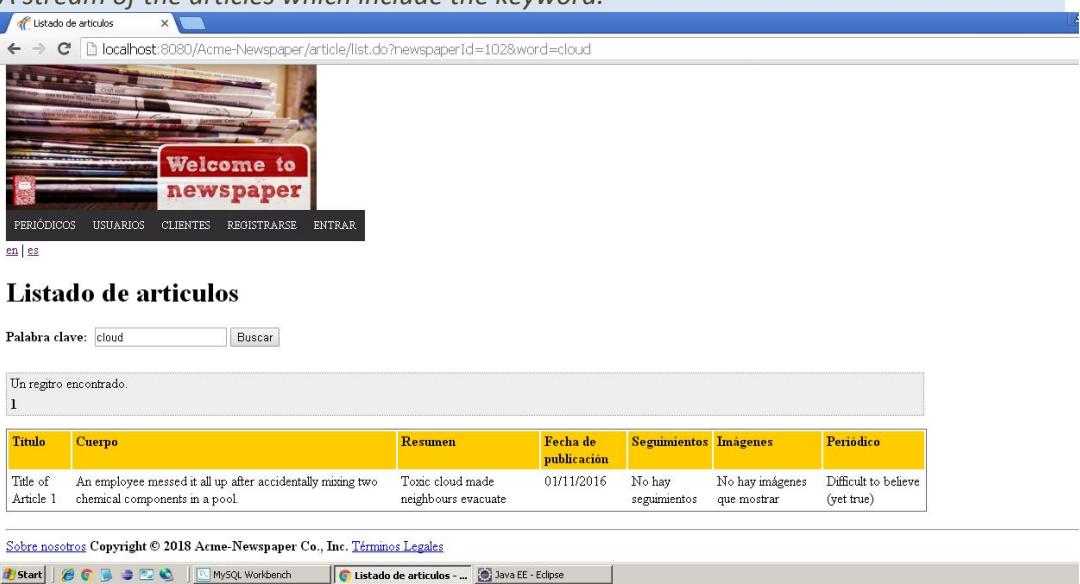
Description

An unauthenticated user wishes to view a published article which includes a keyword. They move to "Newspapers", go to "Browse articles" on any newspaper and type the keyword in the search bar, after which all articles which have said keyword in their body, title or summary will show up.

Access

Main Menu -> Newspapers -> Show the articles of a newspaper -> write a word in the search bar

Tests

Test <#001>	
Description	The system displays all the articles which contain the keyword in their title, summary or body.
Expected	A stream of the articles which include the keyword. 
Outcome	The articles of a suscribed customer are not returned.
Notes	

Test <#002>	
Description	Writing nothing in the search bar brings all published articles in the system.
Expected	A stream of published articles saved in the system.

Outcome	Listado de artículos
Notes	

2 registros encontrados, mostrando todos los registros.

Título	Cuerpo	Resumen	Fecha de publicación	Seguimientos	Imágenes	Periódico
Title of Article 1	An employee messed it all up after accidentally mixing two chemical components in a pool	Toxic cloud made neighbours evacuate	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)
Title of Article 2	Clients caused chaos in a supermarket. They pushed and kicked each other. The reason? The Nutella had a 70% discount.	Chaos in supermarket due to Nutella on sale	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)

Test <#003>

Description	<i>Listing the searched articles works properly in English and Spanish.</i>
Expected	<i>The system displays the messages and menus in the selected language.</i>

2 registros encontrados, mostrando todos los registros.

Título	Cuerpo	Resumen	Fecha de publicación	Seguimientos	Imágenes	Periódico
Title of Article 1	An employee messed it all up after accidentally mixing two chemical components in a pool	Toxic cloud made neighbours evacuate	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)
Title of Article 2	Clients caused chaos in a supermarket. They pushed and kicked each other. The reason? The Nutella had a 70% discount.	Chaos in supermarket due to Nutella on sale	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)

List of articles

Keyword:

One item found
1

Title	Body	Summary	Publication Date	Follow-ups	Pictures	Newspaper
Title of Article 2	Clients caused chaos in a supermarket. They pushed and kicked each other. The reason? The Nutella had a 70% discount.	Chaos in supermarket due to Nutella on sale	11/01/2016	There are not follow-ups	No pictures to show	Difficult to believe (yet true)

[About us](#) Copyright © 2018 Acme-Newspaper Co., Inc. [Legal Terms](#)

Start | MySQL Workbench | List of articles - Google | Java EE - Eclipse

Outcome	When displaying the system in Spanish, "Body" and "Summary" are not translated, and "Publication Date" is translated as "Fecha de publicación".
Notes	

Test <#004>	
Description	An unauthenticated user can't read the articles of a private newspaper.
Expected	Private newspapers must not be listed in the search.
Outcome	Private newspapers are listed in Main menu > Newspapers option, but their articles are not shown. When searching by keyword, articles of private newspapers aren't either listed.
Notes	

Use case UC-06 Search for a published newspaper

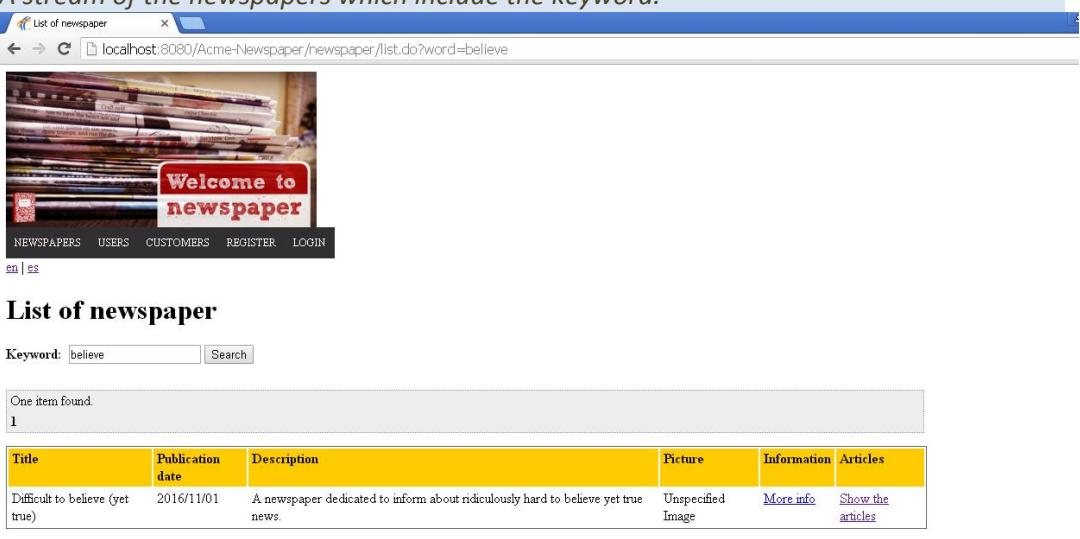
Description

An unauthenticated user wishes to view a published newspaper which includes a keyword. They move to “Newspapers” and type the keyword in the search bar, after which all newspapers which have said keyword in their title or description will be displayed.

Access

Main Menu -> Newspapers -> write a word in the search bar

Tests

Test <#001>	
Description	The system displays all the newspapers which contain the keyword in their title or description.
Expected	A stream of the newspapers which include the keyword. 
Outcome	Articles column is not shown, and private newspapers are listed too. Search is only performed in description.
Notes	

Test <#002>	
Description	Writing nothing in the search bar brings all published newspapers in the system.
Expected	A stream of published articles saved in the system.

Outcome	<i>Expected, considering the bugs found on previous test.</i>
Notes	

Listado de artículos

Palabra clave: Buscar

2 registros encontrados, mostrando todos los registros.
1

Título	Cuerpo	Resumen	Fecha de publicación	Seguimientos	Imágenes	Periódico
Title of Article 1	An employee messed it all up after accidentally mixing two chemical components in a pool	Toxic cloud made neighbours evacuate	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)
Title of Article 2	Clients caused chaos in a supermarket. They pushed and kicked each other. The reason? The Nutella had a 70% discount.	Chaos in supermarket due to Nutella on sale	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)

Start | MySQL Workbench | Listado de artículos - ... | Java EE - Eclipse

Test <#003>	
Description	<i>Listing the searched articles works properly in English and Spanish.</i>
Expected	<i>The system displays the messages and menus in the selected language.</i>

Listado de artículos

Palabra clave: Buscar

2 registros encontrados, mostrando todos los registros.
1

Título	Cuerpo	Resumen	Fecha de publicación	Seguimientos	Imágenes	Periódico
Title of Article 1	An employee messed it all up after accidentally mixing two chemical components in a pool	Toxic cloud made neighbours evacuate	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)
Title of Article 2	Clients caused chaos in a supermarket. They pushed and kicked each other. The reason? The Nutella had a 70% discount.	Chaos in supermarket due to Nutella on sale	01/11/2016	No hay seguimientos	No hay imágenes que mostrar	Difficult to believe (yet true)

Start | MySQL Workbench | Listado de artículos - ... | Java EE - Eclipse

List of articles

Keyword: Search

One item found

1

Title	Body	Summary	Publication Date	Follow-ups	Pictures	Newspaper
Title of Article 2	Clients caused chaos in a supermarket. They pushed and kicked each other. The reason? The Nutella had a 70% discount.	Chaos in supermarket due to Nutella on sale	11/01/2016	There are not follow-ups	No pictures to show	Difficult to believe (yet true)

About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms

Start | MySQL Workbench | List of articles - Google | Java EE - Eclipse

Outcome	Notes
Expected.	

Use case UC-07 Actions of an authenticated user

Description

An authenticated user must be able to perform all the actions an unauthenticated user can do, except for registering to the system.

Access

The same one as stated in the previous tests.

Tests

Test <#001>	
Description	<i>All the previous tests work for an authenticated user except for registering.</i>
Expected	<i>The same expected results as the tests described before.</i>
Outcome	<i>Expected</i>
Notes	<i>Expected. A legend indicating that private newspapers are in red rows is shown.</i>

Use case UC-08 Create a newspaper

Description

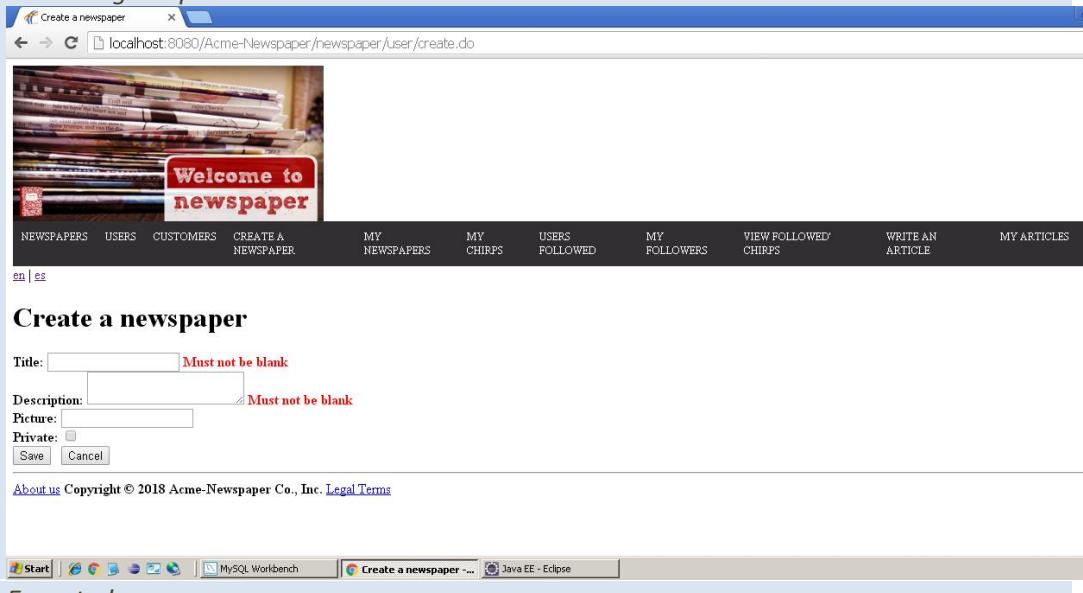
A user wishes to create a newspaper. In order to do so, they head to "Create a newspaper" in the main menu and fill the fields. To finish the creation, the user clicks the "save" button.

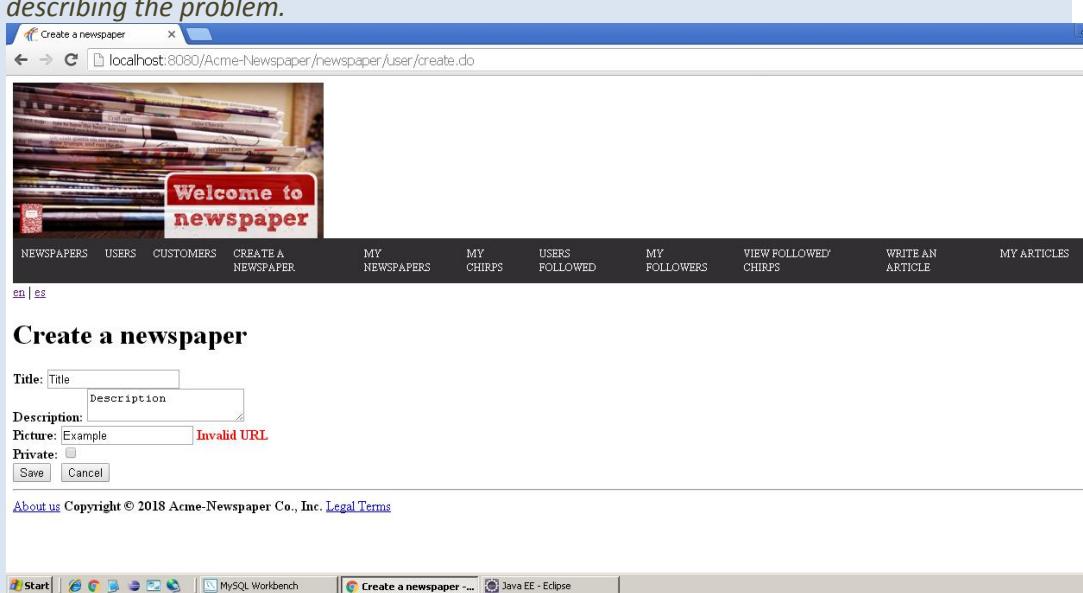
Access

Main menu -> Create a newspaper

Tests

Test <#001>	
Description	A user creates a newspaper, filling at least the Title and Description fields.
Expected	The newspaper is saved into the database and the user is redirected to a list of their created newspapers.
	 <p>The screenshot shows a web browser window with the URL 'localhost:8080/Acme-Newspaper/newspaper/user/create.do'. At the top, there's a banner with the text 'Welcome to newspaper' over a background image of newspapers. Below the banner is a navigation bar with links: NEWSPAPERS, USERS, CUSTOMERS, CREATE A NEWSPAPER, MY NEWSPAPERS, MY CHIRPS, USERS FOLLOWED, MY FOLLOWERS, VIEW FOLLOWED CHIRPS, WRITE AN ARTICLE, and MY ARTICLES. The 'CREATE A NEWSPAPER' link is highlighted. The main content area has fields for 'Title' (Mandatory Times), 'Description' (describes the situation), 'Picture' (a placeholder image), and 'Private' (checkbox). There are 'Save' and 'Cancel' buttons at the bottom. Below the form, there are links for 'About us', 'Copyright © 2018 Acme-Newspaper Co., Inc.', and 'Legal Terms'.</p>
Outcome	Articles column is not displayed.
Notes	

Test <#002>	
Description	The user clicks the “Save” button without filling the required fields.
Expected	The user is redirected to the creation view and error messages appear on the screen describing the problem.
	 <p>A screenshot of a web browser displaying the 'Create a newspaper' form. The browser's title bar says 'Create a newspaper'. The address bar shows 'localhost:8080/Acme-Newspaper/newspaper/user/create.do'. The page features a header with a stack of newspapers and a 'Welcome to newspaper' message. Below the header is a navigation menu with links like 'NEWSPAPERS', 'USERS', 'CUSTOMERS', 'CREATE A NEWSPAPER', 'MY NEWSPAPERS', 'MY CHIRPS', 'USERS FOLLOWED', 'MY FOLLOWERS', 'VIEW FOLLOWED CHIRPS', 'WRITE AN ARTICLE', and 'MY ARTICLES'. The main content area has a form with fields for 'Title' (containing 'Must not be blank') and 'Description' (containing 'Must not be blank'). There are also fields for 'Picture' and 'Private'. At the bottom of the form are 'Save' and 'Cancel' buttons, along with links for 'About us', 'Copyright © 2018 Acme-Newspaper Co., Inc.', and 'Legal Terms'. The status bar at the bottom of the browser shows icons for Start, Task View, Taskbar, MySQL Workbench, Create a newspaper, Java EE - Eclipse, and other system tasks.</p>
Outcome	Expected.
Notes	

Test <#003>	
Description	The user clicks the “Save” button filling the required fields, but the URL isn’t valid.
Expected	The user is redirected to the creation view and error messages appear on the screen describing the problem.
	 <p>A screenshot of a web browser displaying the 'Create a newspaper' form. The browser's title bar says 'Create a newspaper'. The address bar shows 'localhost:8080/Acme-Newspaper/newspaper/user/create.do'. The page features a header with a stack of newspapers and a 'Welcome to newspaper' message. Below the header is a navigation menu with links like 'NEWSPAPERS', 'USERS', 'CUSTOMERS', 'CREATE A NEWSPAPER', 'MY NEWSPAPERS', 'MY CHIRPS', 'USERS FOLLOWED', 'MY FOLLOWERS', 'VIEW FOLLOWED CHIRPS', 'WRITE AN ARTICLE', and 'MY ARTICLES'. The main content area has a form with fields for 'Title' (containing 'Title'), 'Description' (containing 'Description'), and 'Picture' (containing 'Example' with an 'Invalid URL' error message). There are also fields for 'Private'. At the bottom of the form are 'Save' and 'Cancel' buttons, along with links for 'About us', 'Copyright © 2018 Acme-Newspaper Co., Inc.', and 'Legal Terms'. The status bar at the bottom of the browser shows icons for Start, Task View, Taskbar, MySQL Workbench, Create a newspaper, Java EE - Eclipse, and other system tasks.</p>
Outcome	Expected.
Notes	

Use case UC-09 Create an article

Description

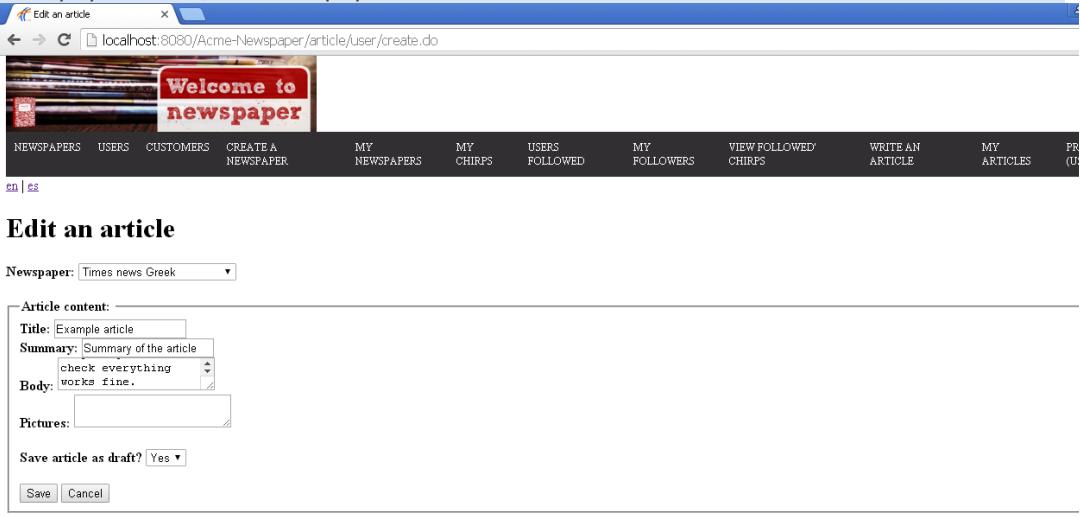
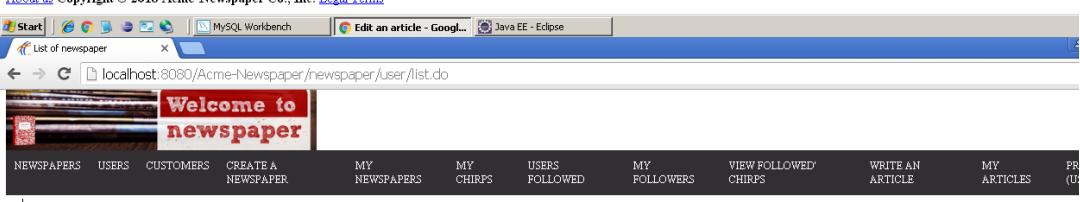
A user wishes to create an article for a newspaper. In order to do so, they head to "Write an article" in the main menu and fill the fields. To finish the creation, the user clicks the "save" button.

Access

Main menu -> Write an article

Tests

Test <#001>

Description	A user creates an article, filling at least the title, summary and body fields.
Expected	The article is saved into the database and the user is redirected to a list of their created newspapers. Also, the newspaper associated will have the new article in it.  

Edit an article

Newspaper: Times news Greek

Article content:

Title: Example article
Summary: Summary of the article
Body: check everything
Pictures:
Save article as draft? Yes

Save Cancel

About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms

List of newspaper

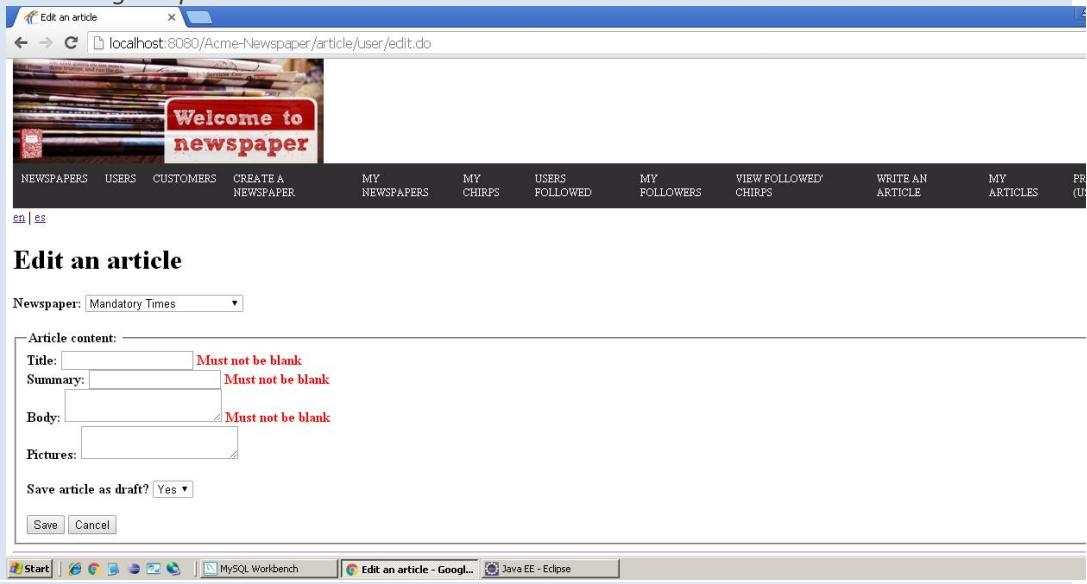
Keyword: Search Search

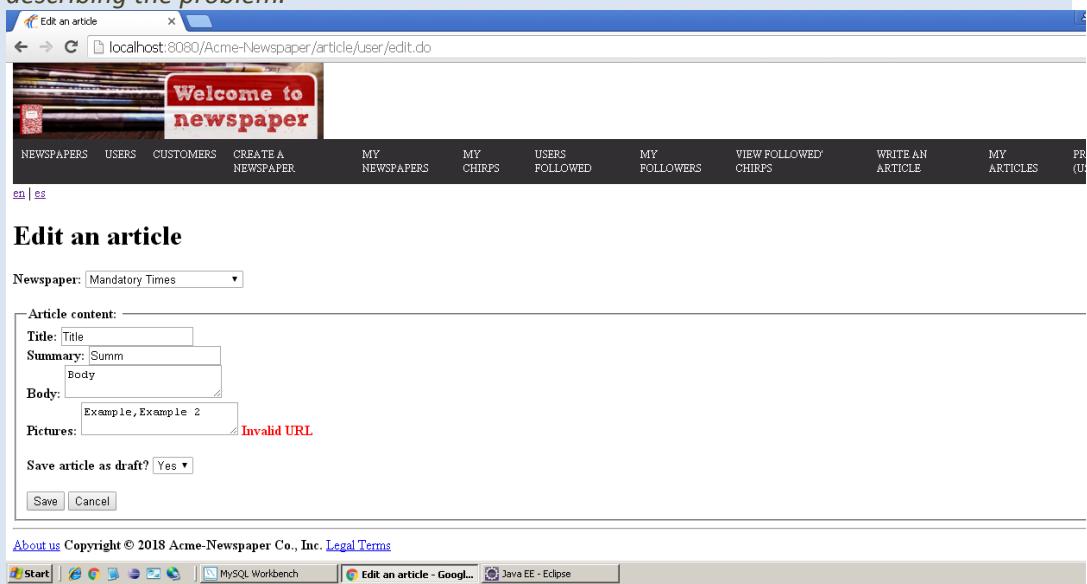
3 items found, displaying all items.

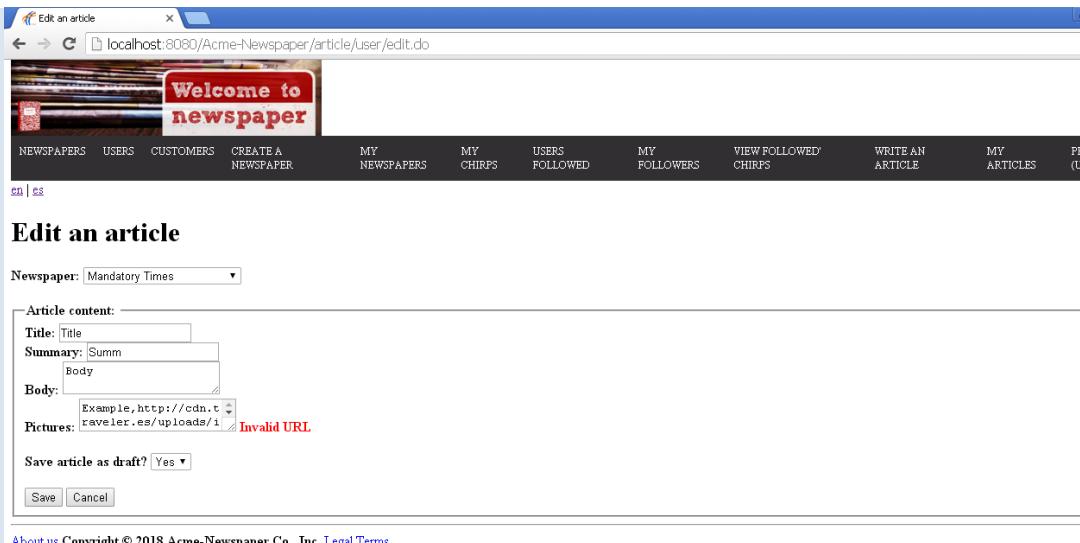
Title	Publication date	Description	Picture	Information	Articles	Publish
Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info	Show the articles	Published
Times news Greek	Not published	New newspaper	Unspecified Image	More info	Show the articles	Continue
Mandatory Times	Not published	This newspaper describes the situation	Unspecified Image	More info	There aren't articles	There aren't articles

Private

Outcome	User is redirected to the list of all articles. When creating an article in Spanish, "Summary" and "Body" fields are not translated.
Notes	

Test <#002>	
Description	The user clicks the "Save" button without filling the required fields.
Expected	The user is redirected to the creation view and error messages appear on the screen describing the problem.
	 <p>The screenshot shows the 'Edit an article' form. The 'Newspaper' dropdown is set to 'Mandatory Times'. The 'Article content' section contains three required fields: 'Title', 'Summary', and 'Body', each with a red border indicating they are required. The 'Pictures' field is optional. Below the form is a message: 'Save article as draft? Yes'. At the bottom are 'Save' and 'Cancel' buttons. The browser taskbar shows 'Edit an article - Google...' and 'Java EE - Eclipse'.</p>
Outcome	Expected.
Notes	

Test <#003>	
Description	The user clicks the "Save" button filling the required fields, but the URL of the picture(s) isn't valid.
Expected	The user is redirected to the creation view and error messages appear on the screen describing the problem.
	 <p>The screenshot shows the 'Edit an article' form. The 'Newspaper' dropdown is set to 'Mandatory Times'. The 'Article content' section contains three required fields: 'Title', 'Summary', and 'Body'. The 'Pictures' field has a value 'Example, Example 2' with a red border and the error message 'Invalid URL'. Below the form is a message: 'Save article as draft? Yes'. At the bottom are 'Save' and 'Cancel' buttons. The browser taskbar shows 'Edit an article - Google...' and 'Java EE - Eclipse'.</p>
About us	Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms

	 <p>Edit an article</p> <p>Newspaper: Mandatory Times</p> <p>Article content:</p> <p>Title: [Title] Summary: [Summary] Body: [Body]</p> <p>Pictures: Example, http://cdn.t... Invalid URL</p> <p>Save article as draft? Yes</p> <p>Save Cancel</p> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>
Outcome	Expected.
Notes	

Test <#004>

Description	<i>The user attempts to edit an article saved in final mode by tampering the URL's attributes.</i>
Expected	<i>An article which has been saved in final mode will not be modified. Attempting to do so will result in the user being redirected to the welcome page.</i>
Outcome	Expected.
Notes	

Test <#005>

Description	<i>The user attempts to edit an article which isn't his or hers.</i>
Expected	<i>The user will be redirected to the welcome page, cancelling the process.</i>
Outcome	Expected.
Notes	

Use case UC-10 Publish a newspaper

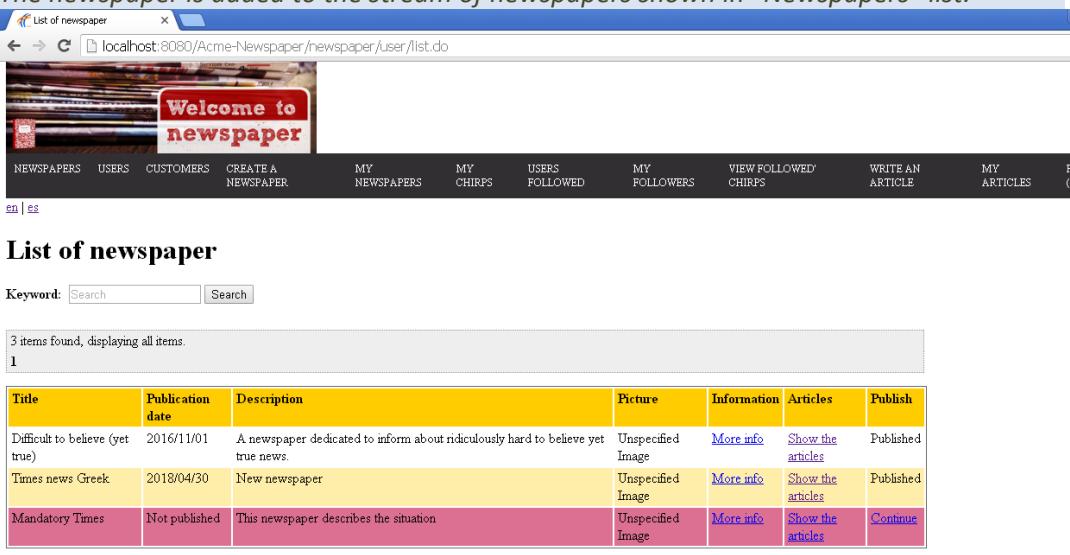
Description

A user wishes to publish a newspaper. In order to do so, they head to "My Newspapers" in the main menu and click on "Continue", which will make the newspaper available for everyone.

Access

Main menu -> My newspapers -> Continue link in the newspaper they wish to publish

Tests

Test <#001>	
Description	A user publishes a newspaper which has at least one article linked to it saved in final mode.
Expected	The newspaper is added to the stream of newspapers shown in "Newspapers" list. 
Outcome	Expected.
Notes	

Test <#002>	
Description	A user attempts to publish a newspaper which has no final articles linked to it.
Expected	The user will be redirected to the list of newspapers and an error message will be shown.

List of newspaper

localhost:8080/Acme-Newspaper/newspaper/user/list.do?message=message.error.newspaper.articles

en | es

List of newspaper

Keyword: Search

4 items found, displaying all items.

Title	Publication date	Description	Picture	Information	Articles	Publish
Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info	Show the articles	Published
Times news Greek	2018/04/30	New newspaper	Unspecified Image	More info	Show the articles	Published
Mandatory Times	2018/04/30	This newspaper describes the situation	Unspecified Image	More info	Show the articles	Published
Newspaper with no articles	Not published	That	Unspecified Image	More info	There aren't articles	There aren't articles

Private
This newspaper hasn't articles

Start | MySQL Workbench | List of newspaper - G... | Java EE - Eclipse

Outcome	Expected.
Notes	

Use case UC-11 Publish a follow-up

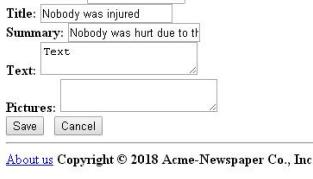
Description

A user wishes to publish a follow-up. In order to do so, they head to "My articles" in the main menu and click on "Show follow-ups", after which they click the link "Create a follow-up".

Access

Main menu -> My articles -> Show follow-ups -> Create a follow-up

Tests

Test <#001>	
Description	A user fills the fields with valid data.
Expected	The follow-up is added to the follow-up list of the correspondent article.
	 
	 

Outcome	<i>It is possible to create a follow-up with null title. After creating the follow-up, the system redirects to welcome page.</i>
Notes	

Test <#002>	
Description	A user attempts to save a blank follow-up or fill the fields with invalid data.
Expected	The user will be redirected to follow-up creation view and error messages will be shown.
Outcome	<i>It is possible to create a follow-up with null title.</i>
Notes	

Test <#003>	
Description	A user attempts to edit a follow-up.
Expected	The edition respects the restrictions that the object must fulfil when created from scratch.

Outcome	<i>Expected.</i>
Notes	

Use case UC-12 Remove inappropriate newspapers

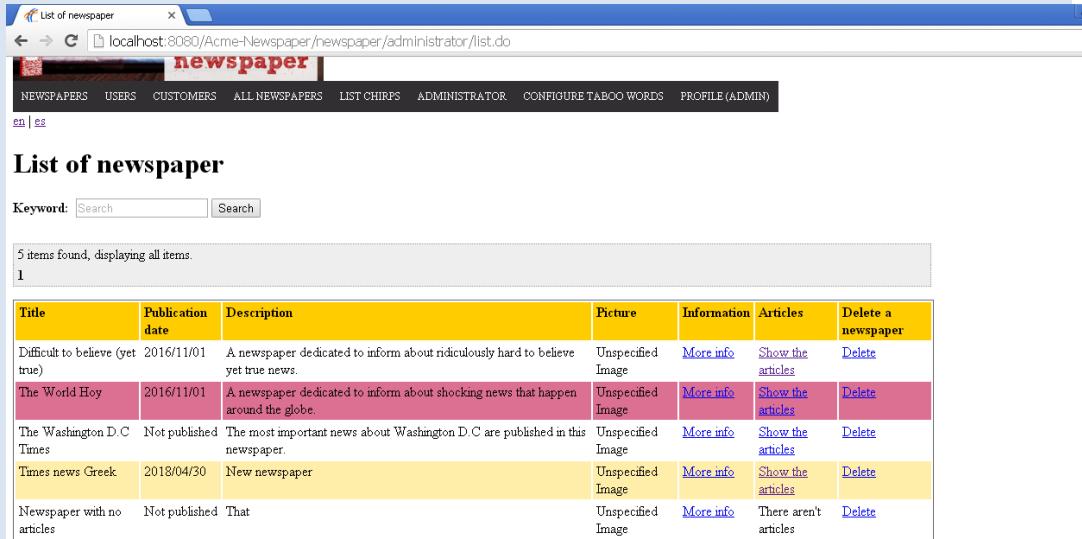
Description

An administrator wishes to remove a newspaper from the system. To perform this action, they head to "All Newspapers" in the main menu and click the "Delete" link.

Access

Main menu -> All Newspapers -> Delete link of the desired newspaper

Tests

Test <#001>	
Description	An administrator deletes a newspaper from the system.
Expected	The newspaper is no longer in the database and, thus, isn't shown in the stream of published newspapers.
	
Outcome	Expected.

Notes

Use case UC-13 Remove inappropriate articles

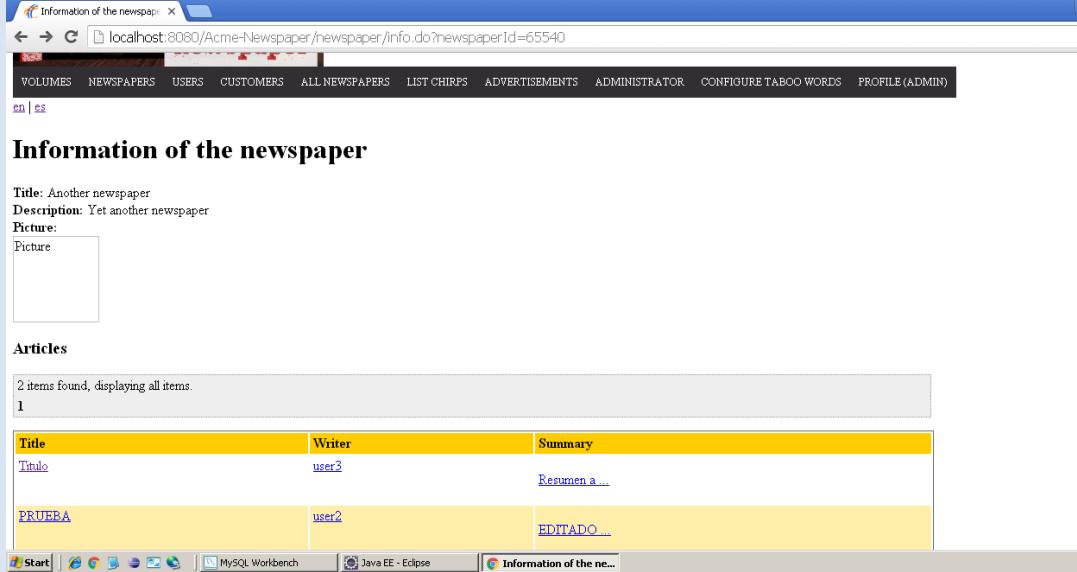
Description

An administrator wishes to remove a newspaper from the system. To perform this action, they head to "All Newspapers" in the main menu, access the articles and click the "Delete" link of the article tab they desire to erase.

Access

Main menu -> All Newspapers -> More info -> Title of the article -> delete article

Tests

Test <#001>	
Description	An administrator deletes an article from the system.
Expected	The article is no longer in the database and, thus, isn't shown in the stream of articles within the newspaper related to it. The administrator will be redirected to the list of newspapers.
	
	
	

List of newspaper

Keyword:

7 items found, displaying 1 to 5.
[First/Prev] 1, 2 [Next/Last]

Title	Publication date	Description	Picture	Information	Delete a newspaper
Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info	Delete
The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Unspecified Image	More info	Delete
The Washington D.C Times	Not published	The most important news about Washington D.C are published in this newspaper.	Unspecified Image	More info	Delete
Private Newspaper	Not published	Description of Private Newspaper	Unspecified Image	More info	Delete
Newspaper with articles	Not published	Desc	Unspecified Image	More info	Delete

Information of the newspaper

Title: Another newspaper
 Description: Yet another newspaper
 Picture:
 Picture

Articles

One item found
 1

Title	Writer	Summary
PRUEBA	user2	EDITADO...

Outcome

Expected.

Notes

Use case UC-14 Display a dashboard

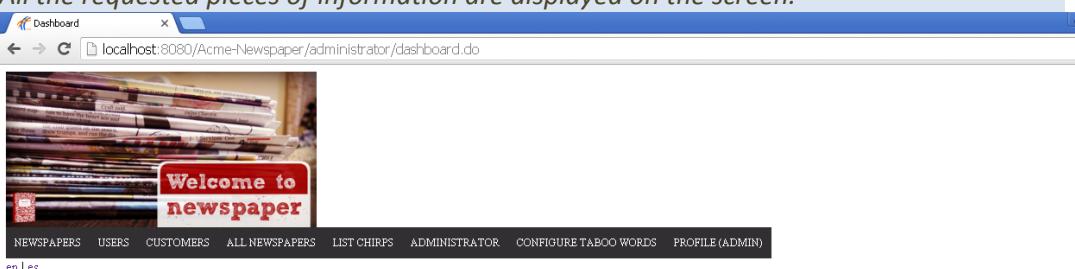
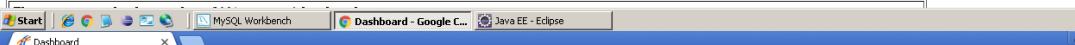
Description

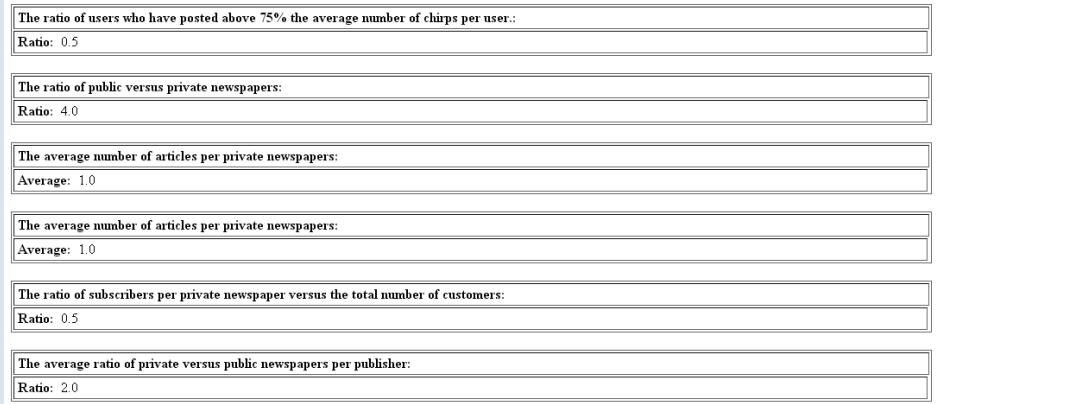
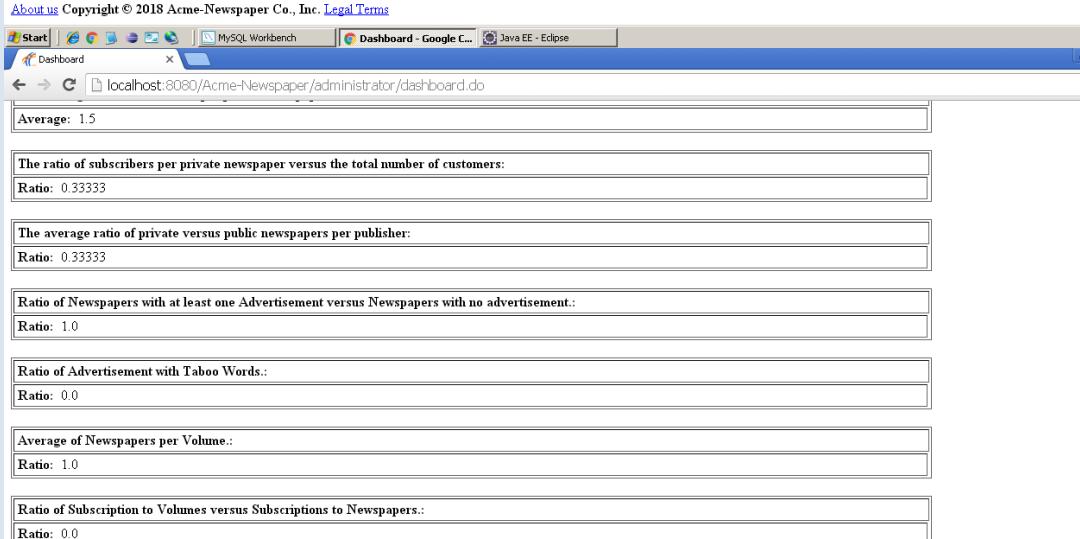
An administrator wishes to view certain statistics of the website, which are displayed in a dashboard. In order to check said stats, the administrator clicks the "Dashboard" button in the "Administrator" tab.

Access

Main menu -> Administrator -> Dashboard

Tests

Test <#001>	
Description	An administrator displays the statistics of the site.
Expected	All the requested pieces of information are displayed on the screen. 
Actual	<p>Dashboard</p> <p>The average and the standard deviation of newspapers created per user: Average: 1.25 Standard deviation: 1.299038105676658</p> <p>The average and the standard deviation of articles written by writer: Average: 1.25 Standard deviation: 1.299038105676658</p> <p>The average and the standard deviation of articles per newspaper: Average: 1.0 Standard deviation: 0.6324555320336759</p> <p>The newspapers that have at least 10% more articles than the average: Newspaper title: Difficult to believe (yet true)</p> <p>The newspapers that have at least 10% fewer articles than the average: Newspaper title: Difficult to believe (yet true) The World Hoy The Washington D.C. Times Title</p> <p>The ratio of users who have ever created a newspaper: Ratio: 0.5</p> <p>The ratio of users who have ever written an article: Ratio: 0.5</p> <p>The average number of follow-ups per article: Average: 0.2</p> <p>The average number of follow-ups per article up to one week after the corresponding newspaper's been published:</p>  

	
	
	
Outcome	Last query doesn't return anything.
Notes	

Use case UC-15 Post a chirp

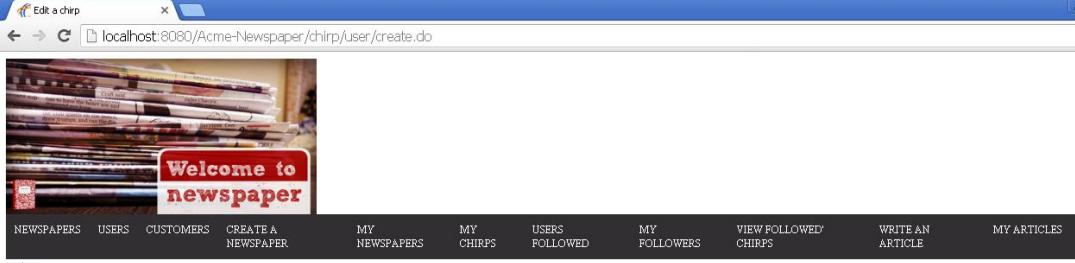
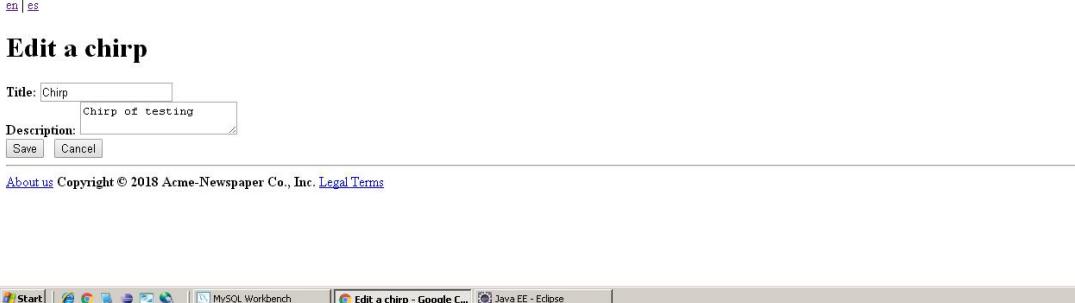
Description

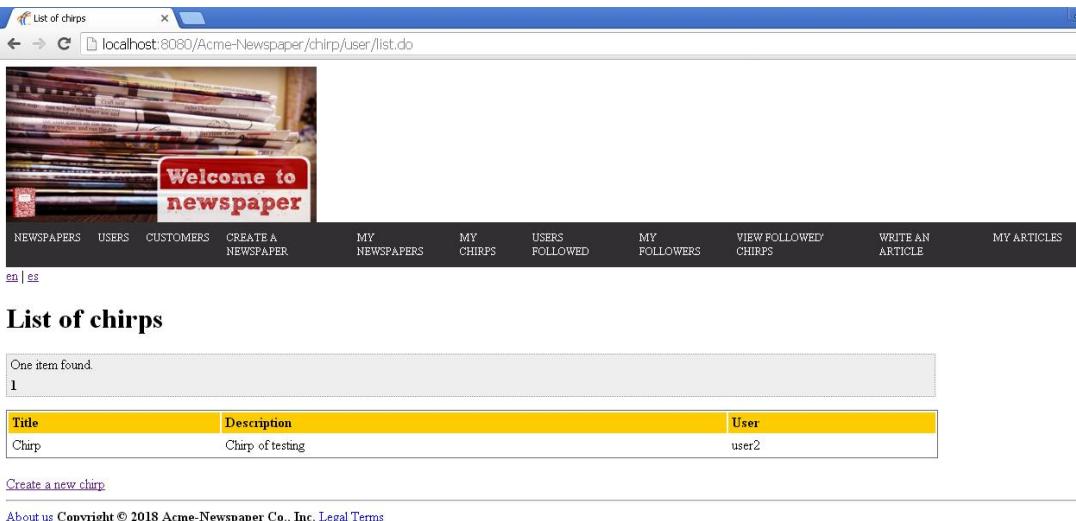
A user wants to post a new chirp. To create a new chirp, he or she heads to “My chirps” and clicks the “Create a new chirp” button, after which he or she will be able to fill the fields of the chirp and post it in the system when they are done by clicking the “Save” button.

Access

Main menu -> My Chirps -> Create a new chirp

Tests

Test <#001>	
Description	A user fills the required fields and saves the chirp clicking the “Save button”.
Expected	The chirp is saved in the system and the user is redirected to their list of chirps, which will show the new chirp.  

	 <p>List of chirps</p> <p>One item found.</p> <table border="1"> <thead> <tr> <th>Title</th><th>Description</th><th>User</th></tr> </thead> <tbody> <tr> <td>Chirp</td><td>Chirp of testing</td><td>user2</td></tr> </tbody> </table> <p>Create a new chirp</p> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>	Title	Description	User	Chirp	Chirp of testing	user2
Title	Description	User					
Chirp	Chirp of testing	user2					
Outcome	Create and cancel button are switched.						
Notes							

Test <#002>

Description	A user clicks the Save button without filling the required data.
Expected	<p>The user is brought back to the creation page and an error message is displayed.</p>  <p>Edit a chirp</p> <p>Title: <input type="text"/> Must not be blank</p> <p>Description: <input type="text"/> Must not be blank</p> <p>Save Cancel</p> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>
Outcome	Expected.
Notes	

Use case UC-16 Follow and unfollow a user

Description

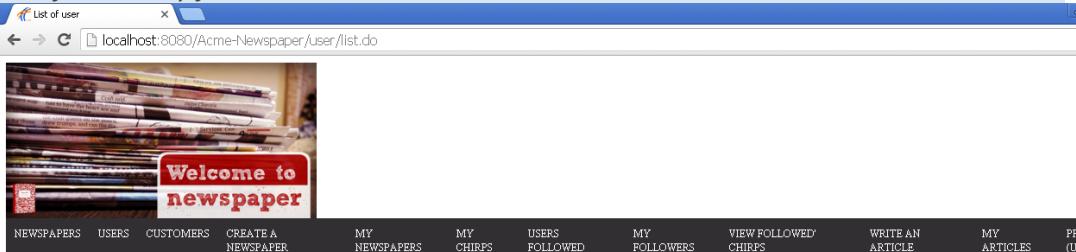
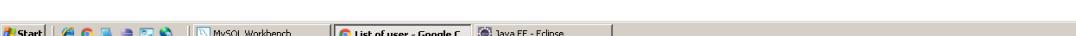
A user wants to follow or stop following another user. To do so, they must list the users in the system and click the “Follow” or “Unfollow” link.

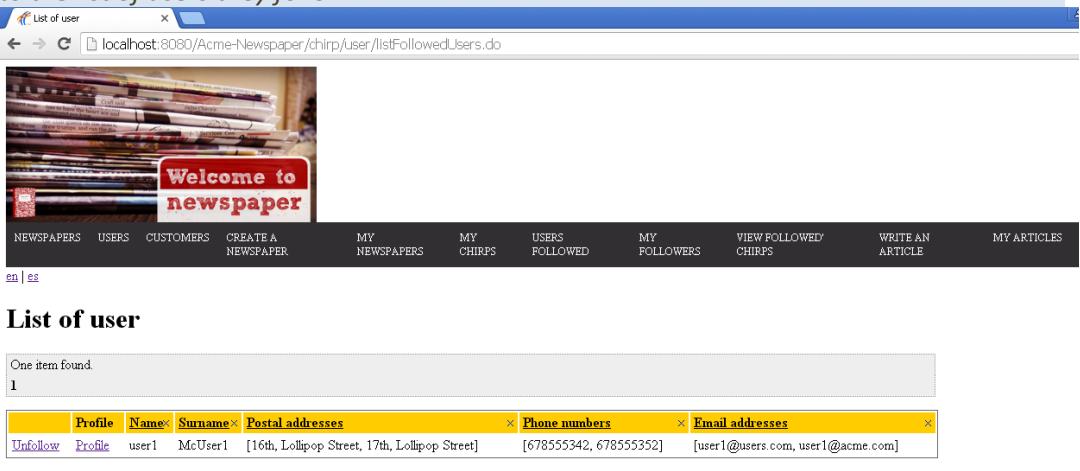
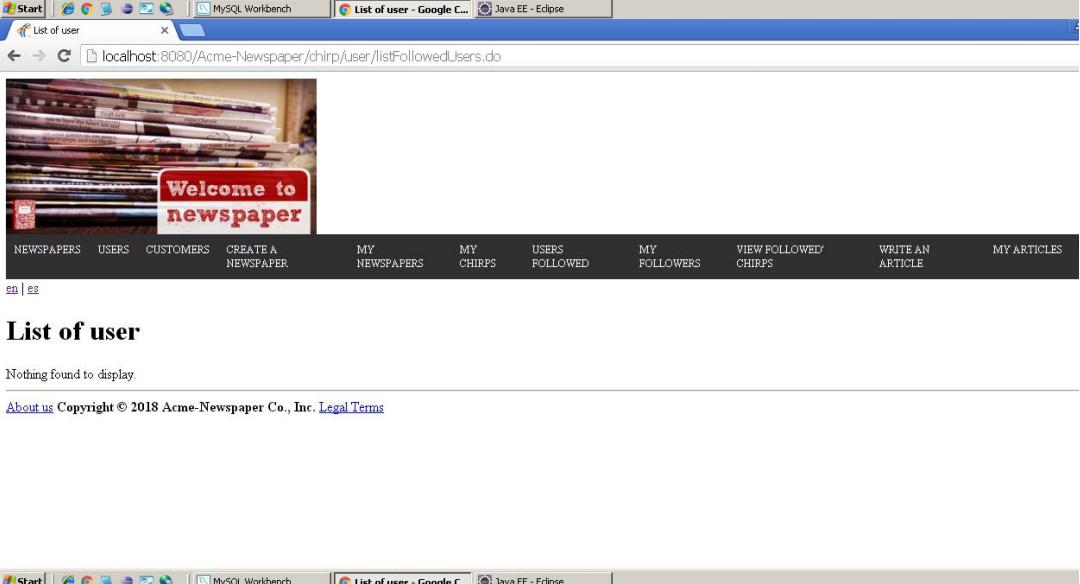
Access

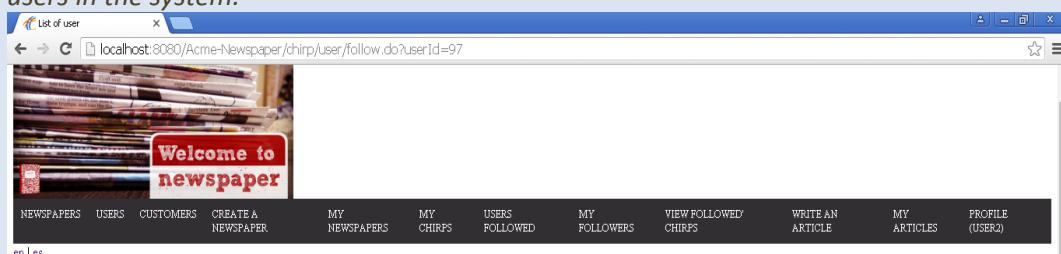
Main menu -> Users -> Follow link or unfollow link

Tests

Test <#001>

Description	A user clicks the “Follow” link of a user they weren’t following before.
Expected	The selected user is added to their “Followed users” list and the user is redirected to the list of users they follow.   

Outcome	Expected.
Notes	
Test <#002>	
Description	A user clicks the “Unfollow” link of a user they were following beforehand, either from the list of users in the system or the list of users they follow.
Expected	The selected user is removed from their “Followed users” list and the user is redirected to the list of users they follow.
	 <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>
	 <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>
Outcome	Expected.
Notes	

Test <#003>																															
Description	A user tampers the URL's attributes to follow a user they were already following or they try to follow themselves.																														
Expected	In both cases, an error message will appear and the user will be redirected to the list of users in the system.																														
	 <p>List of user</p> <p>4 items found, displaying all items.</p> <table border="1"> <thead> <tr> <th>Profile</th><th>Name</th><th>Surname</th><th>Postal addresses</th><th>Phone numbers</th><th>Email addresses</th></tr> </thead> <tbody> <tr> <td>Unfollow</td><td>Profile</td><td>user1</td><td>McUser1 [16th, Lollipop Street, 17th, Lollipop Street]</td><td>[678555342, 678555352]</td><td>[user1@users.com, user1@acme.com]</td></tr> <tr> <td>Follow</td><td>Profile</td><td>user2</td><td>McUser2 [14th, Blueberry Street]</td><td>[678555343]</td><td>[user2@users.com]</td></tr> <tr> <td>Follow</td><td>Profile</td><td>user3</td><td>McUser3 [16th, Shadow Isles Street]</td><td>[678555344]</td><td>[user3@users.com]</td></tr> <tr> <td>Follow</td><td>Profile</td><td>user5</td><td>user5 []</td><td>[]</td><td>[user5@users.com]</td></tr> </tbody> </table> <p>You are already following this user</p>	Profile	Name	Surname	Postal addresses	Phone numbers	Email addresses	Unfollow	Profile	user1	McUser1 [16th, Lollipop Street, 17th, Lollipop Street]	[678555342, 678555352]	[user1@users.com, user1@acme.com]	Follow	Profile	user2	McUser2 [14th, Blueberry Street]	[678555343]	[user2@users.com]	Follow	Profile	user3	McUser3 [16th, Shadow Isles Street]	[678555344]	[user3@users.com]	Follow	Profile	user5	user5 []	[]	[user5@users.com]
Profile	Name	Surname	Postal addresses	Phone numbers	Email addresses																										
Unfollow	Profile	user1	McUser1 [16th, Lollipop Street, 17th, Lollipop Street]	[678555342, 678555352]	[user1@users.com, user1@acme.com]																										
Follow	Profile	user2	McUser2 [14th, Blueberry Street]	[678555343]	[user2@users.com]																										
Follow	Profile	user3	McUser3 [16th, Shadow Isles Street]	[678555344]	[user3@users.com]																										
Follow	Profile	user5	user5 []	[]	[user5@users.com]																										
Outcome	No error messages are shown.																														
Notes																															

Use case UC-17 List the followed users

Description

A user wants to check the users that he or she is following. To display them, they click the “Users followed” button on the main menu and stream the users they are currently following.

Access

Main menu -> Users followed

Tests

Test <#001>	
Description	A user clicks the “Users Followed” button and the system displays every user they are currently following.
Expected	
List of user	
Outcome	Expected.
Notes	

Use case UC-18 List followers

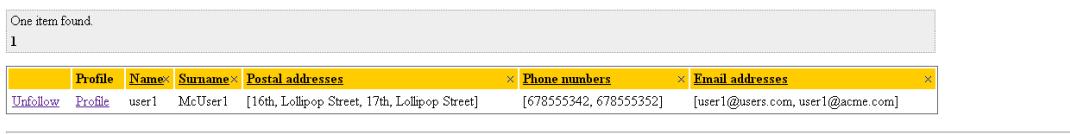
Description

A user wants to check the users that are following him or her. To display them, they click the "My followers" button on the main menu and stream the users who are currently following him or her.

Access

Main menu -> My followers

Tests

Test <#001>	
Description	A user clicks the "My followers" tab in the main menu.
Expected	<p>The system returns a list of the users who are following him or her at the moment.</p> 
List of user	 <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>
Outcome	Expected.
Notes	

Use case UC-19 List followed users' chirps

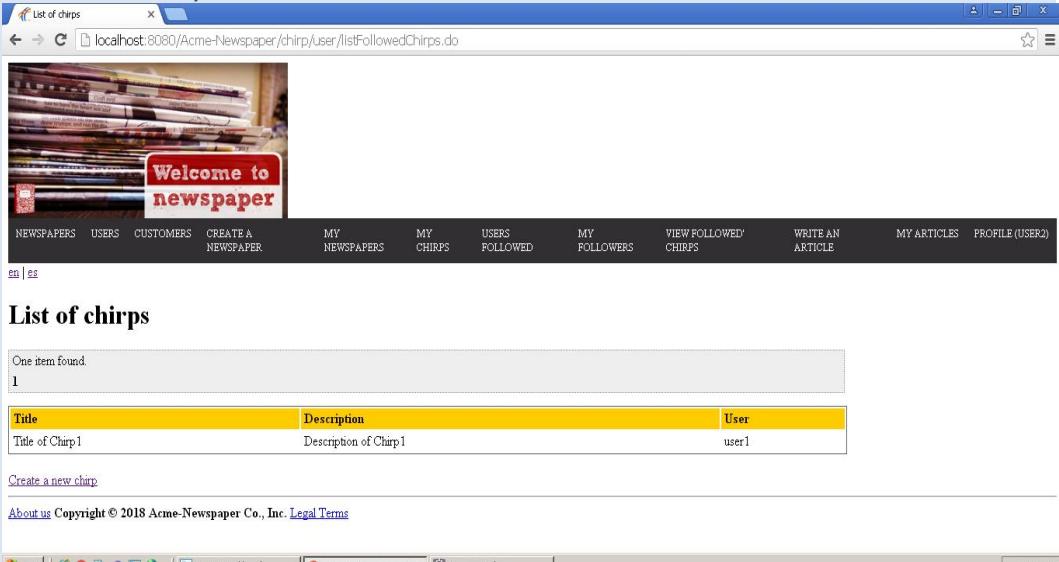
Description

A user wants to check the chirps the users that he or she is following have posted. To display them, they click the “View followed chirps” tab on the main menu and stream the chirps which have been published by the users he or she is currently following.

Access

Main menu -> View followed's chirps

Tests

Test <#001>	
Description	A user clicks the “View followed’s chirps” tab in the main menu.
Expected	The system returns a list of the chirps the users he or she is following have posted up to the moment they clicked the button.
	
Outcome	System returns the list of created chirps instead of following ones.
Notes	

Use case UC-20 List taboo words and elements which contain them

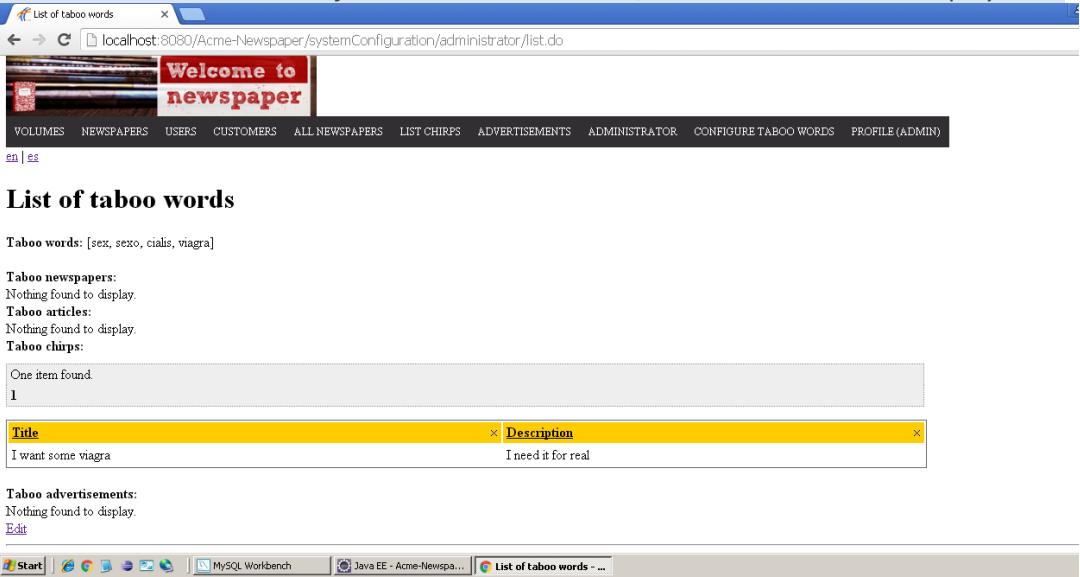
Description

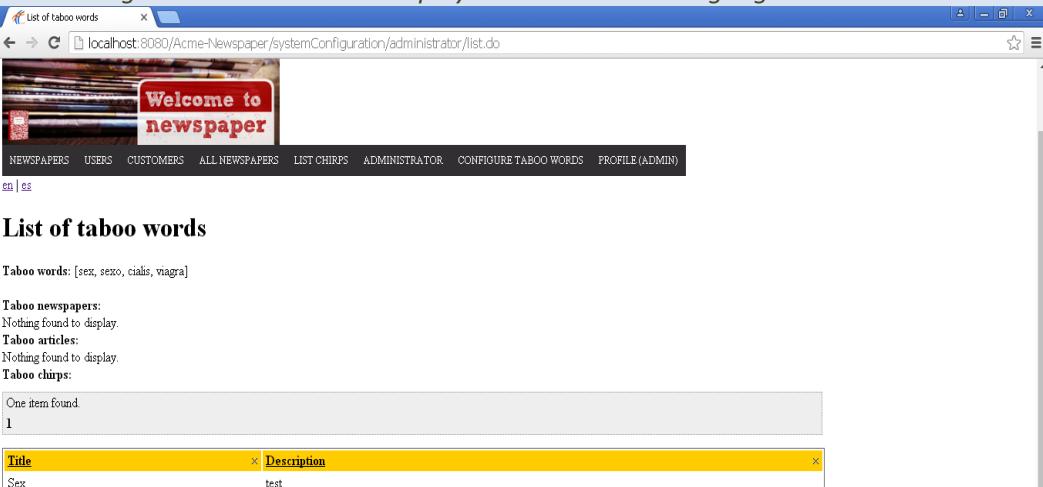
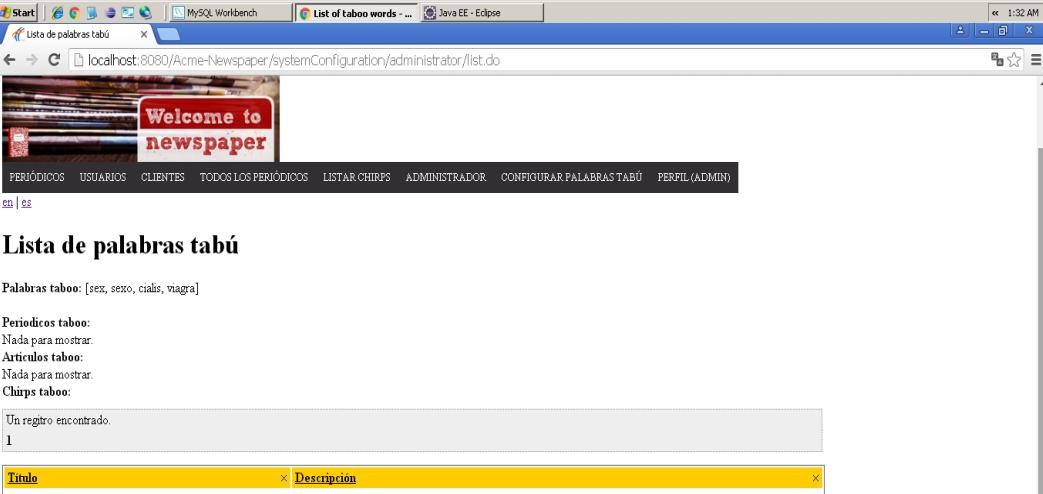
An administrator wishes to view the articles, newspapers, advertisements and chirps which contain taboo words. In order to display them, the administrator clicks the "Configure Taboo Words" to show the list of current taboo words along with a list of the articles, newspapers, advertisements and chirps which contain one or more taboo words.

Access

Main menu -> Configure Taboo Words

Tests

Test <#001>	
Description	An administrator accesses the lists by clicking the "Configure taboo Words" tab in the main menu.
Expected	The system returns a list of the current taboo words, a list of the articles which contain at least one taboo word, a list of all the newspapers which have at least one of these words, a list of advertisements which include at least a taboo word and a list of chirps which contain one or more of those taboo words. Also, an "Edit" link must be displayed.
	
Outcome	In case of chirps and advertisements, all elements are returned.
Notes	We have tried all types of elements: Newspaper, articles, chirps

Test <#002>					
Description	The feature also works in Spanish and English.				
Expected	The messages and the menu are displayed in the desired language.				
	 <p>List of taboo words</p> <p>Taboo words: [sex, sexo, cialis, viagra]</p> <p>Taboo newspapers: Nothing found to display.</p> <p>Taboo articles: Nothing found to display.</p> <p>Taboo chirps:</p> <table border="1"> <thead> <tr> <th>Title</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Sex</td> <td>test</td> </tr> </tbody> </table> <p>Edit</p>	Title	Description	Sex	test
Title	Description				
Sex	test				
	 <p>Lista de palabras tabú</p> <p>Palabras taboo: [sex, sexo, cialis, viagra]</p> <p>Periodicos taboo: Nada para mostrar.</p> <p>Articulos taboo: Nada para mostrar.</p> <p>Chirps taboo: Un registro encontrado.</p> <table border="1"> <thead> <tr> <th>Titulo</th> <th>Descripción</th> </tr> </thead> <tbody> <tr> <td>Sex</td> <td>test</td> </tr> </tbody> </table> <p>Editar</p>	Titulo	Descripción	Sex	test
Titulo	Descripción				
Sex	test				
Outcome	When displaying the corrupt articles in Spanish, we can see a column called "Summary" instead of "Resumen" or something similar.				
Notes					

Use case UC-21 Manage taboo words

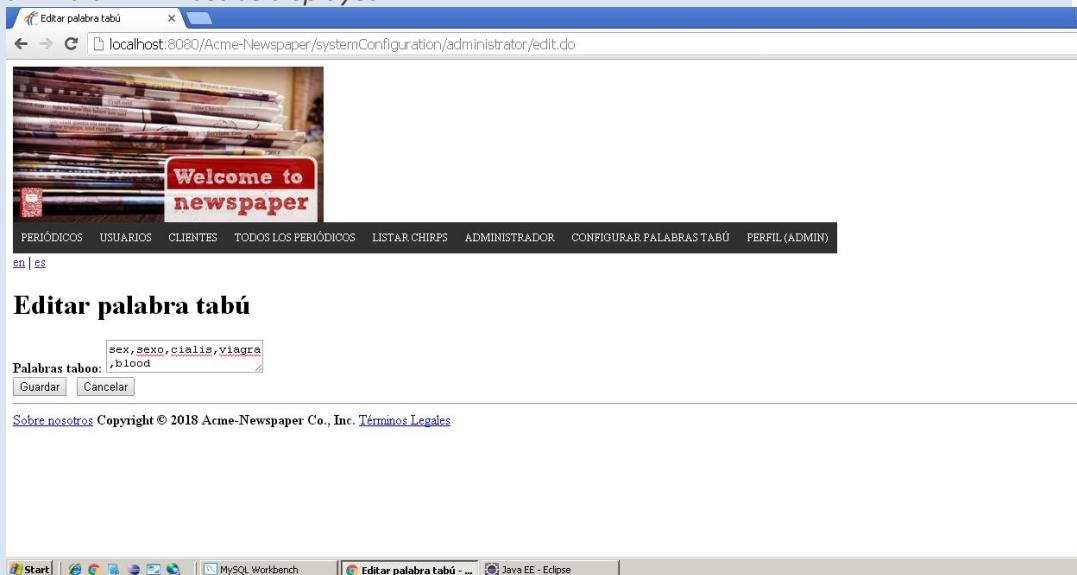
Description

An administrator wishes to edit the taboo words the system currently detects. To edit the list, the administrator must head to “Configure taboo words” and click the “Edit” link at the bottom of the page. Then, after adding or removing elements, he or she saves the changes.

Access

Main menu -> Configure Taboo Words -> Edit

Tests

Test <#001>	
Description	An administrator edits the list of words labelled as taboo words and saved the changes by clicking the “save” button.
Expected	The system returns a list of the new current taboo words, a list of the articles which contain at least one taboo word, a list of all the newspapers which have at least one of these words and a list of chirps which contain one or more of those taboo words. Also, an “Edit” link must be displayed.
	

The screenshot shows a web browser window titled "Lista de palabras tabú" with the URL "localhost:8080/Acme-Newspaper/systemConfiguration/administrator/list.do". The page features a header with a newspaper image and the text "Welcome to newspaper". Below the header is a navigation menu with links: PERIÓDICOS, USUARIOS, CLIENTES, TODOS LOS PERIÓDICOS, LISTAR CHIRPS, ADMINISTRADOR, CONFIGURAR PALABRAS TABÚ, and PERFIL (ADMIN). A status bar at the bottom shows "en | ss".

Lista de palabras tabú

Palabras taboo: [sex, sexo, cialis, viagra, blood]

Periodicos taboo:
Nada para mostrar.

Articulos taboo:
Nada para mostrar.

Chirps taboo:

Un registro encontrado.
1

Titulo	Descripción
Sex	test

Editar

Start | MySQL Workbench | Lista de palabras tab... | Java EE - Eclipse

Outcome	Notes
It's possible to create a blank taboo word.	

Use case UC-22 Remove an inappropriate chirp

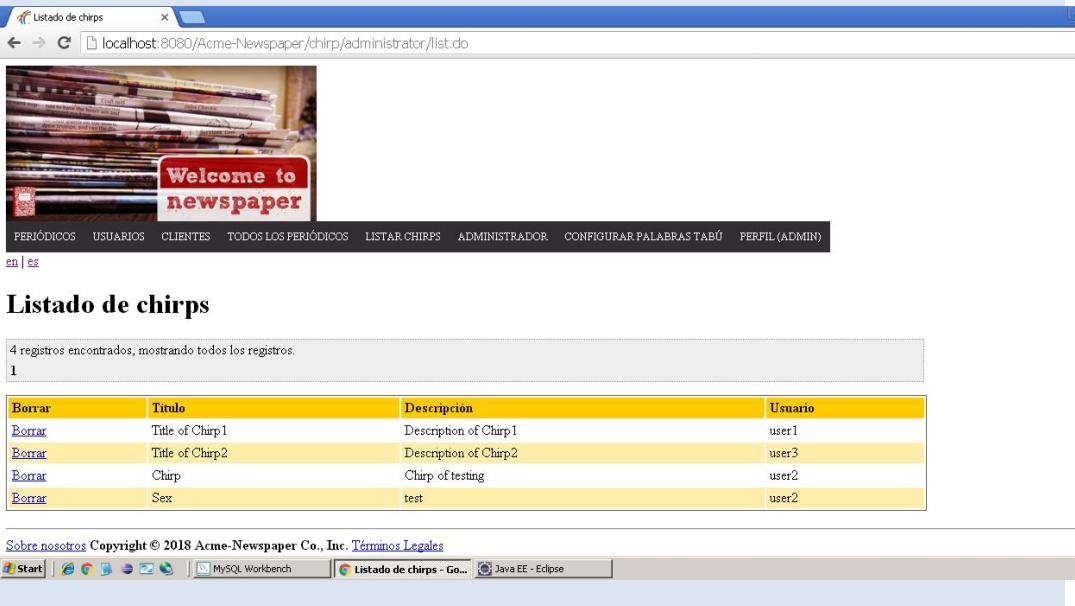
Description

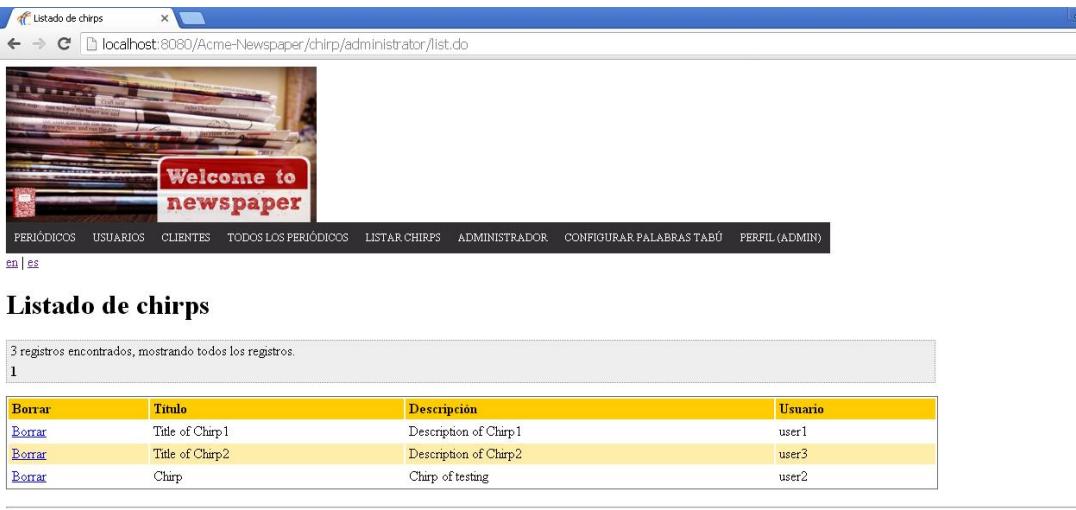
An administrator wishes to delete a chirp he or she considers that is not appropriate. To remove it from the system, the administrator clicks the “List Chirps” tab in the main menu and displays all the chirps which are posted at the moment. Then, they click the “Delete” link next to it, effectively removing the chirp from the system.

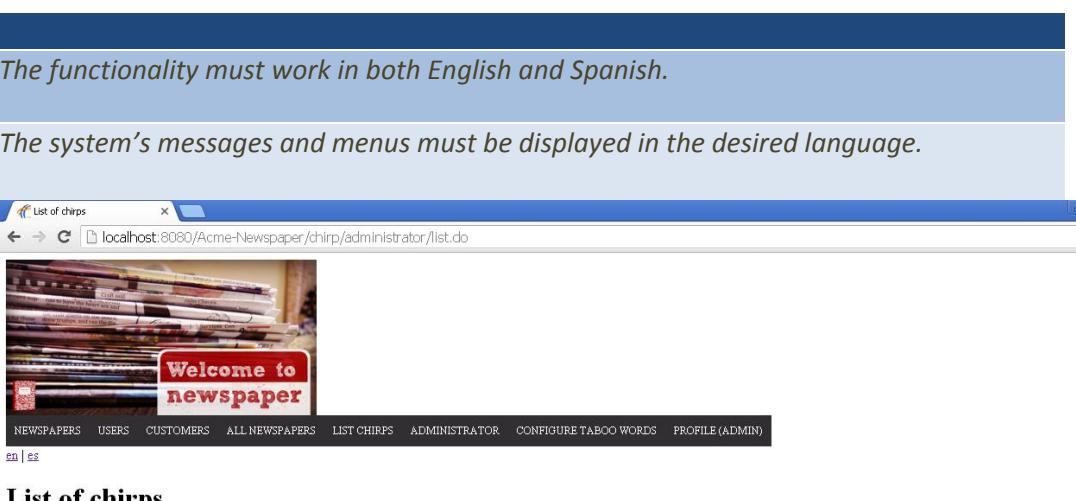
Access

Main menu -> List chirps -> Delete link in the chirp that is going to be removed

Tests

Test <#001>																					
Description	An administrator deletes a chirp from the system by clicking the “Delete” link next to it.																				
Expected	The system returns a list of the existing chirps, which must lack the one removed moments earlier.																				
 <p>A screenshot of a web browser displaying the 'Listado de chirps' page. The page has a header with a newspaper logo and the text 'Welcome to newspaper'. Below the header is a navigation bar with links: PERIÓDICOS, USUARIOS, CLIENTES, TODOS LOS PERIÓDICOS, LISTAR CHIRPS, ADMINISTRADOR, CONFIGURAR PALABRAS TABÚ, and PERFIL (ADMIN). There are also language selection buttons for 'en es'. The main content area is titled 'Listado de chirps' and shows a table with four rows of data. The first three rows have a yellow background, while the fourth row is white. Each row contains columns for 'Borrar', 'Título', 'Descripción', and 'Usuario'. The 'Borrar' column for the fourth row is highlighted with a red box. The table shows the following data:</p> <table border="1"><thead><tr><th>Borrar</th><th>Título</th><th>Descripción</th><th>Usuario</th></tr></thead><tbody><tr><td>Borrar</td><td>Title of Chirp1</td><td>Description of Chirp1</td><td>user1</td></tr><tr><td>Borrar</td><td>Title of Chirp2</td><td>Description of Chirp2</td><td>user3</td></tr><tr><td>Borrar</td><td>Chirp</td><td>Chirp of testing</td><td>user2</td></tr><tr><td>Borrar</td><td>Sex</td><td>test</td><td>user2</td></tr></tbody></table> <p>At the bottom of the page, there are links for 'Sobre nosotros', 'Copyright © 2018 Acme-Newspaper Co., Inc.', 'Términos Legales', and a MySQL Workbench connection status. The browser taskbar shows icons for Start, Task View, Task Switcher, Task View, Task View, MySQL Workbench, Listado de chirps - Go..., Java EE - Eclipse, and another Java EE - Eclipse entry.</p>		Borrar	Título	Descripción	Usuario	Borrar	Title of Chirp1	Description of Chirp1	user1	Borrar	Title of Chirp2	Description of Chirp2	user3	Borrar	Chirp	Chirp of testing	user2	Borrar	Sex	test	user2
Borrar	Título	Descripción	Usuario																		
Borrar	Title of Chirp1	Description of Chirp1	user1																		
Borrar	Title of Chirp2	Description of Chirp2	user3																		
Borrar	Chirp	Chirp of testing	user2																		
Borrar	Sex	test	user2																		

	 <p>Listado de chirps</p> <p>3 registros encontrados, mostrando todos los registros. 1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #FFFFCC;"> <th>Borrar</th> <th>Título</th> <th>Descripción</th> <th>Usuario</th> </tr> </thead> <tbody> <tr> <td>Borrar</td> <td>Title of Chirp1</td> <td>Description of Chirp1</td> <td>user1</td> </tr> <tr> <td>Borrar</td> <td>Title of Chirp2</td> <td>Description of Chirp2</td> <td>user3</td> </tr> <tr> <td>Borrar</td> <td>Chirp</td> <td>Chirp of testing</td> <td>user2</td> </tr> </tbody> </table> <p>Sobre nosotros Copyright © 2018 Acme-Newspaper Co., Inc. Términos Legales</p> <p>Start MySQL Workbench Listado de chirps - Go... Java EE - Eclipse</p>	Borrar	Título	Descripción	Usuario	Borrar	Title of Chirp1	Description of Chirp1	user1	Borrar	Title of Chirp2	Description of Chirp2	user3	Borrar	Chirp	Chirp of testing	user2
Borrar	Título	Descripción	Usuario														
Borrar	Title of Chirp1	Description of Chirp1	user1														
Borrar	Title of Chirp2	Description of Chirp2	user3														
Borrar	Chirp	Chirp of testing	user2														
Outcome	<i>List of all chirps is returned.</i>																
Notes																	

Test <#002>	 <p>List of chirps</p> <p>3 items found, displaying all items. 1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #FFFFCC;"> <th>Delete</th> <th>Title</th> <th>Description</th> <th>User</th> </tr> </thead> <tbody> <tr> <td>Delete</td> <td>Title of Chirp1</td> <td>Description of Chirp1</td> <td>user1</td> </tr> <tr> <td>Delete</td> <td>Title of Chirp2</td> <td>Description of Chirp2</td> <td>user3</td> </tr> <tr> <td>Delete</td> <td>Chirp</td> <td>Chirp of testing</td> <td>user2</td> </tr> </tbody> </table> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p> <p>Start MySQL Workbench List of chirps - Google... Java EE - Eclipse</p>	Delete	Title	Description	User	Delete	Title of Chirp1	Description of Chirp1	user1	Delete	Title of Chirp2	Description of Chirp2	user3	Delete	Chirp	Chirp of testing	user2
Delete	Title	Description	User														
Delete	Title of Chirp1	Description of Chirp1	user1														
Delete	Title of Chirp2	Description of Chirp2	user3														
Delete	Chirp	Chirp of testing	user2														

The screenshot shows a web browser window with the title 'Listado de chirps'. The URL in the address bar is 'localhost:8080/Acme-Newspaper/chirp/administrator/list.do'. The page features a header with a newspaper icon and the text 'Welcome to newspaper'. Below the header is a navigation menu with links: PERIÓDICOS, USUARIOS, CLIENTES, TODOS LOS PERIÓDICOS, LISTAR CHIRPS, ADMINISTRADOR, CONFIGURAR PALABRAS TABÚ, and PERFIL (ADMIN). A language selection dropdown shows 'en | es'. The main content area is titled 'Listado de chirps' and displays a message: '3 registros encontrados, mostrando todos los registros.' followed by the number '1'. A table lists three chirps:

Borrar	Título	Descripción	Usuario
Borrar	Title of Chirp1	Description of Chirp1	user1
Borrar	Title of Chirp2	Description of Chirp2	user3
Borrar	Chirp	Chirp of testing	user2

At the bottom of the page, there are links for 'Sobre nosotros', 'Copyright © 2018 Acme-Newspaper Co., Inc.', 'Términos Legales', and a search bar. The status bar at the bottom of the browser shows icons for Start, MySQL Workbench, Listado de chirps - Go..., and Java EE - Eclipse.

Outcome	Expected.
Notes	

Use case UC-23 Register as a customer

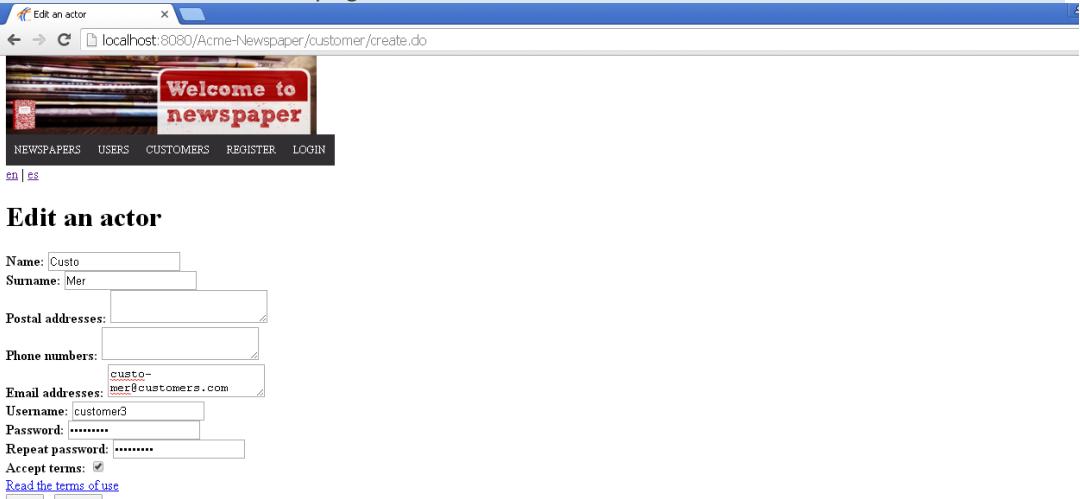
Description

An unauthenticated user wishes to register to the system as a customer. In order to do so, they click the "register" button and choose the "customer" option. After filling the required personal data and saving them, he or she will be redirected to the welcome page so they can login into the system.

Access

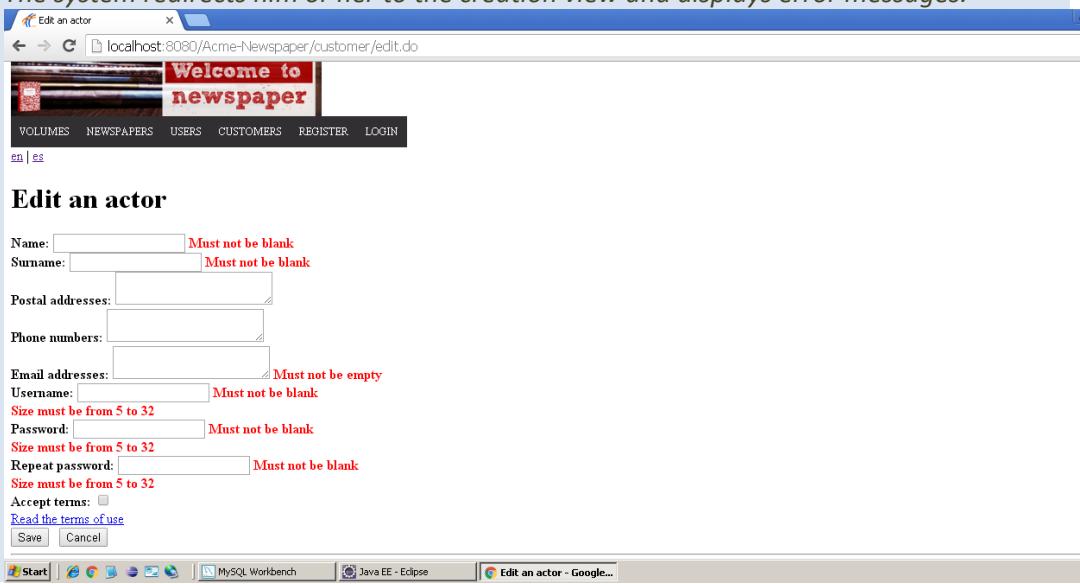
Main menu -> Register -> Customer

Tests

Test <#001>	
Description	The unauthenticated user provides their personal data and a valid credit card, after which he or she clicks the "Save" button.
Expected	The new customer is created and saved in the database and the unauthenticated user is redirected to the welcome page.
	
	
Outcome	Expected.

Notes

Test <#002>

Description	The unauthenticated user attempts to create a new customer without providing the mandatory data.
Expected	<p>The system redirects him or her to the creation view and displays error messages.</p>  <p>The screenshot shows a web browser window with the URL 'localhost:8080/Acme-Newspaper/customer/edit.do'. The page title is 'Edit an actor'. The form has several fields with red borders and error messages: 'Name:' (Must not be blank), 'Surname:' (Must not be blank), 'Email addresses:' (Must not be empty), 'Username:' (Must not be blank, Size must be from 5 to 32), 'Password:' (Must not be blank, Size must be from 5 to 32), and 'Repeat password:' (Must not be blank, Size must be from 5 to 32). There is also a checkbox for 'Accept terms:' and a link 'Read the terms of use'. At the bottom are 'Save' and 'Cancel' buttons.</p>
Outcome	Expected.
Notes	

Test <#003>

Description	The unauthenticated user attempts to create a new customer providing the mandatory data, but the passwords don't match.
Expected	<p>The system redirects him or her to the creation view and displays the error message "Both passwords must match".</p>  <p>The screenshot shows a web browser window with the URL 'localhost:8080/Acme-Newspaper/customer/edit.do'. The page title is 'Edit an actor'. The form has several fields with red borders and error messages: 'Name:' (Custo), 'Surname:' (Mer), 'Email addresses:' (custo-mer@customers.com), 'Username:' (customer3), 'Password:' (empty), and 'Repeat password:' (empty). There is also a checkbox for 'Accept terms:' and a link 'Read the terms of use'. At the bottom are 'Save' and 'Cancel' buttons. A red error message 'Both password must match' is displayed below the form.</p>
Outcome	Expected.
Notes	

Test <#004>	
Description	The unauthenticated user attempts to create a new customer providing the mandatory data, but they don't accept the Terms and Conditions.
Expected	The system redirects him or her to the creation view and displays the error message "The terms of use must be accepted".
	
Outcome	Expected.
Notes	

Use case UC-24 Subscribe to a private newspaper

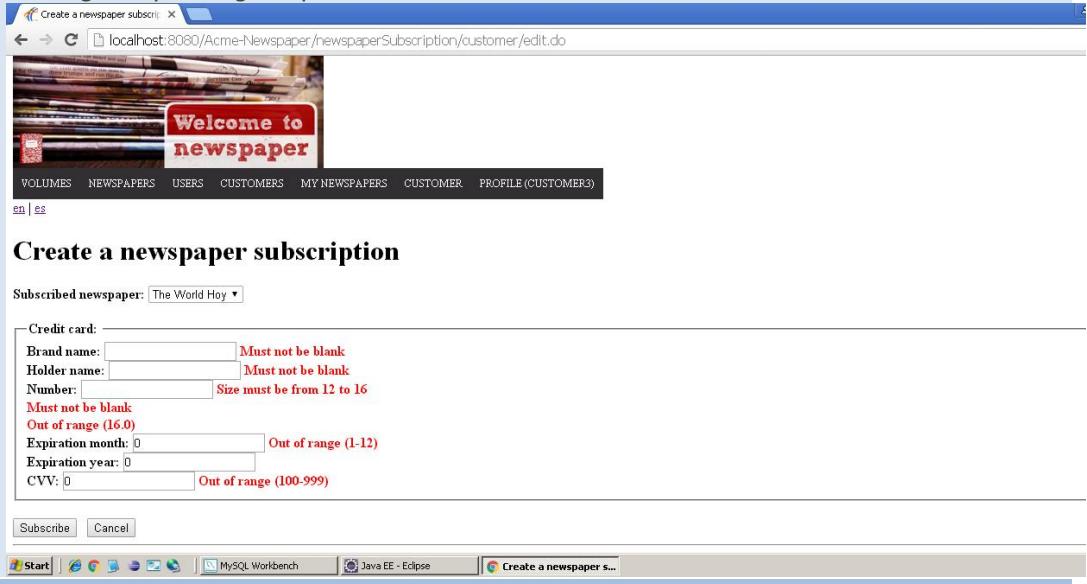
Description

A customer wishes to subscribe to a published private newspaper. To do so, they click the “Customer” button on the main menu and click “My newspaper subscriptions”, after which they click the link “Subscribe to a new newspaper” and provide the data to confirm the subscription.

Access

Main menu -> Customer -> My newspaper subscriptions -> Subscribe to a newspaper

Tests

Test <#001>	
Description	The customer doesn't provide data and tries to create the subscription by clicking the “Save” button.
Expected	The system redirects him or her to the subscription creation page and displays the error messages explaining the problem. 
Outcome	The system doesn't show the error messages. It only shows the invalid credit card message.
Notes	

Test <#002>	
Description	The customer provides valid data and clicks the “Save” button.
Expected	The system redirects him or her to the list of subscriptions they currently have, which must include the newly created one.

Screenshot of a web browser showing the "List of newspaper subscriptions" page. The URL is `localhost:8080/Acme-Newspaper/newspaperSubscription/customer/list.do`. The page displays a welcome message and a list of one item found.

List of newspaper subscriptions

One item found.
1

Display	Title
	The World Hoy

[About us](#) Copyright © 2018 Acme-Newspaper Co., Inc. [Legal Terms](#)

Start | MySQL Workbench | Java EE - Eclipse | List of newspaper sub...

Outcome	Notes
Expected.	

Use case UC-25 Create a private newspaper

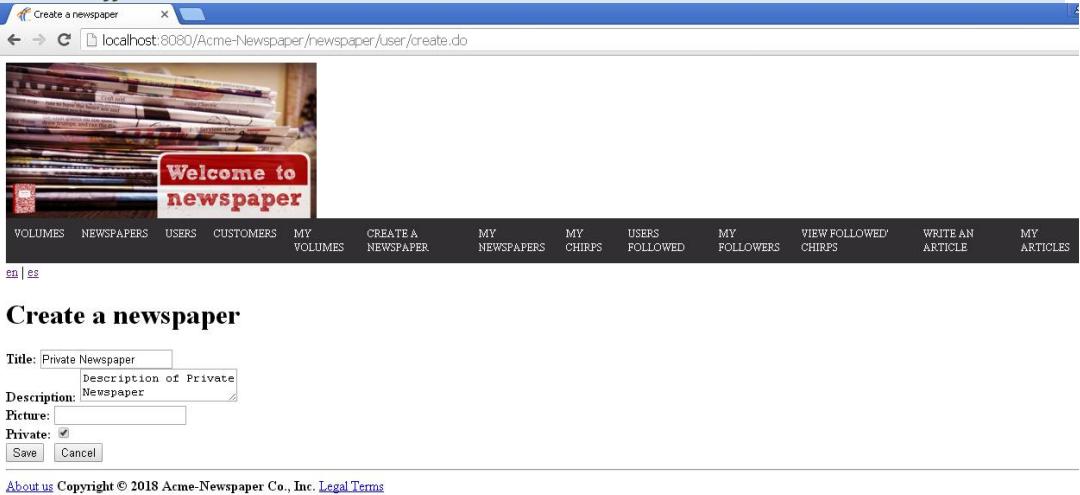
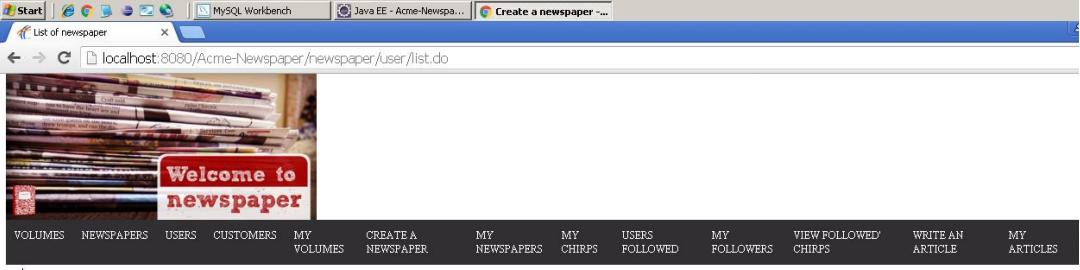
Description

A user wishes to create a private newspaper. In order to create one, they head to "My Newspapers" and create a new one by providing the mandatory data, but they tick the checkbox labelled "Private" before saving the newly created newspaper.

Access

Main menu -> My newspapers -> Create a newspaper -> Tick the "Private" checkbox.

Tests

Test <#001>	
Description	The user creates a new private newspaper.
Expected	<p>The newspaper is saved in the database and is labelled as "Private", which causes it to have a different colour when listed.</p>  <p>The screenshot shows a web browser window titled 'Create a newspaper'. The URL is 'localhost:8080/Acme-Newspaper/newspaper/user/create.do'. The page has a header with a stack of newspapers and a 'Welcome to newspaper' banner. Below the header is a form with fields: Title (Private Newspaper), Description (Description of Private Newspaper), Picture (empty input), and Private (checkbox checked). At the bottom are Save and Cancel buttons. The footer includes links for About us, Copyright © 2018 Acme-Newspaper Co., Inc., Legal Terms, and a MySQL Workbench icon.</p>  <p>The screenshot shows a web browser window titled 'List of newspaper'. The URL is 'localhost:8080/Acme-Newspaper/newspaper/user/list.do'. The page has a header with a stack of newspapers and a 'Welcome to newspaper' banner. Below the header is a search bar and a table with one item found. The table columns are Title, Publication date, Description, Picture, Information, Articles, and Publish. The first row contains: Private Newspaper, Not published, Description of Private Newspaper, Unspecified Image, More info, There aren't articles, and There aren't articles. A small 'Private' button is visible below the table. The footer includes links for About us, Copyright © 2018 Acme-Newspaper Co., Inc., Legal Terms, and a MySQL Workbench icon.</p>
Outcome	Expected.

Notes

Use case UC-26 Register as an agent

Description

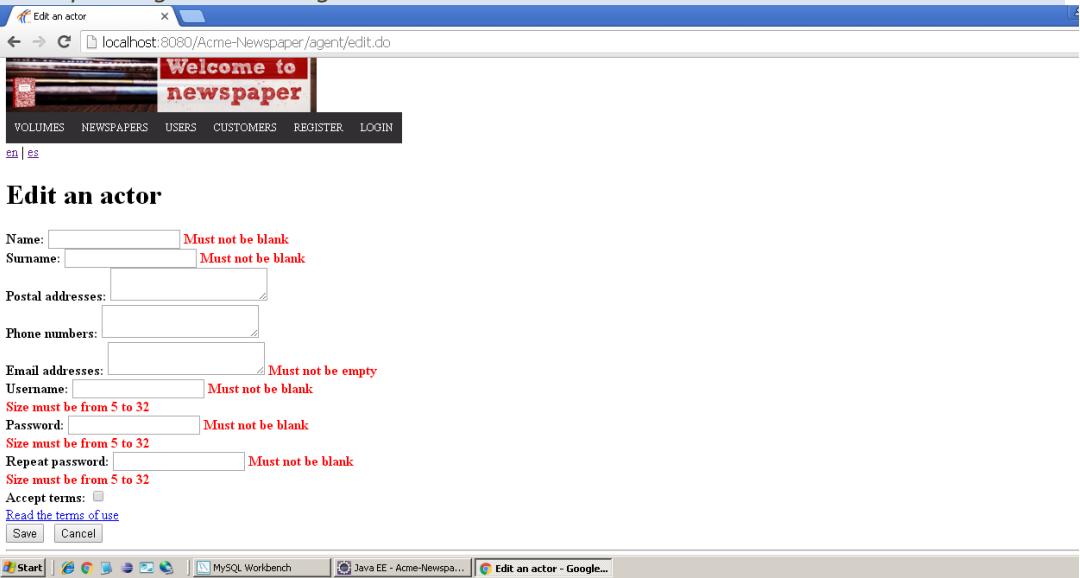
An unauthenticated user wishes to register as an agent in the system. To do so, they click the "Register" tab in the main menu and select the option "Agent". They provide the required data and save them.

Access

Main menu -> Register -> Agent

Tests

Test <#001>	
Description	The unauthenticated user creates a new agent providing valid data.
Expected	The new agent is saved in the database and he or she is redirected to the welcome page.
Outcome	Expected.
Notes	

Test <#002>	
Description	The unauthenticated user creates a new agent without providing required data.
Expected	The system redirects him or her to the agent creation page and displays the corresponding error messages. 
Outcome	Expected.
Notes	

Use case UC-27 Create an advertisement

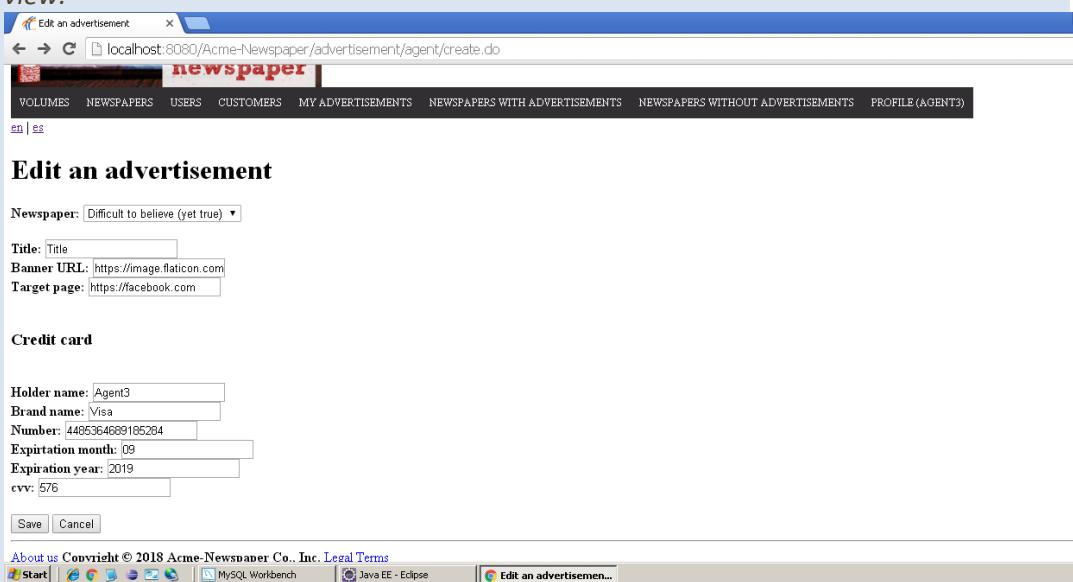
Description

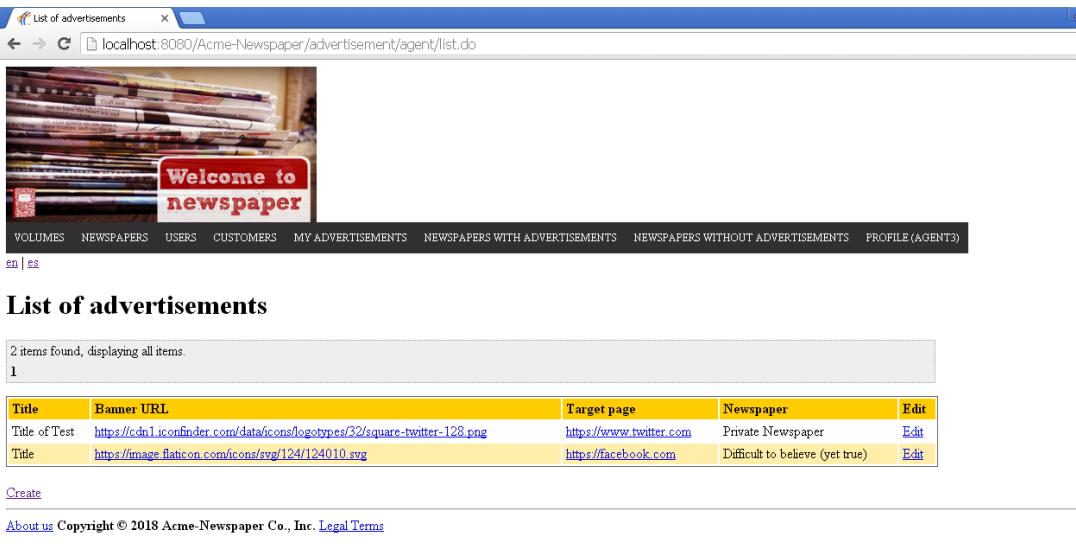
An agent wants to create an advertisement. To do it, they head to "My advertisements" and click the link labelled "Create". Afterwards, they fill the mandatory fields and save the newly created advertisement.

Access

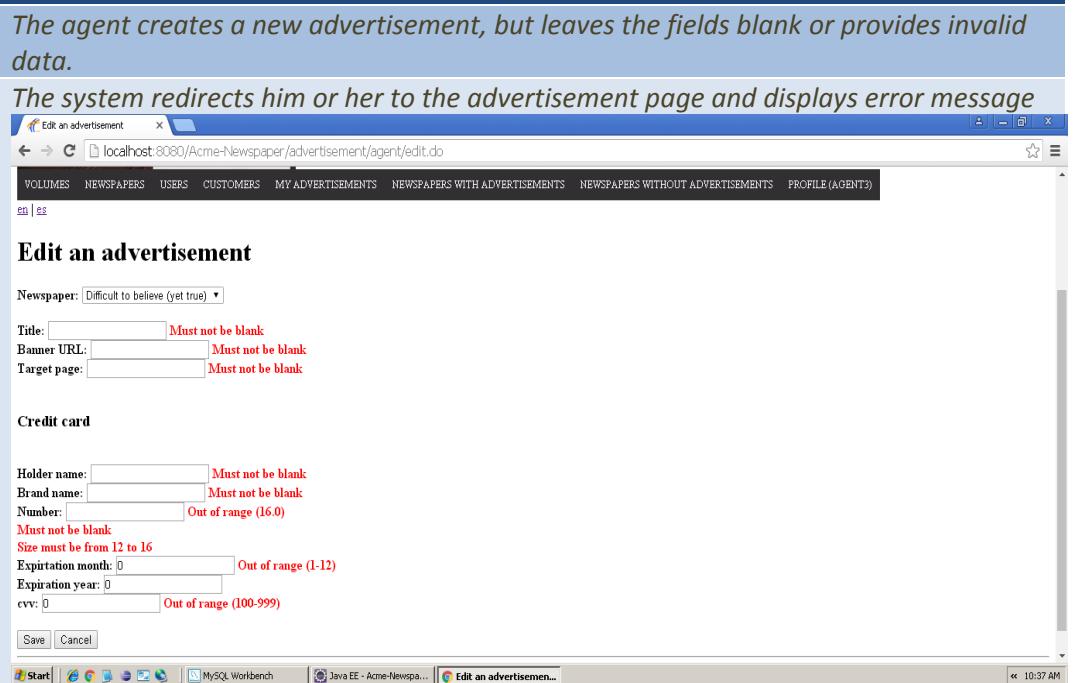
Main menu -> My advertisements -> Create

Tests

Test <#001>	
Description	The agent creates a new advertisement providing valid data.
Expected	The advertisement is saved in the database and he or she is redirected to the list of advertisements he or she has created. It must display the data they have filled (except for the credit card) and the newspaper the advertisement is inserted in.
<p>There must be a link "Create" at the bottom, which leads to the advertisement creation view.</p> 	

	 <p>List of advertisements</p> <p>2 items found, displaying all items.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Title</th> <th>Banner URL</th> <th>Target page</th> <th>Newspaper</th> <th>Edit</th> </tr> </thead> <tbody> <tr> <td>Title of Test</td> <td>https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png</td> <td>https://www.twitter.com</td> <td>Private Newspaper</td> <td>Edit</td> </tr> <tr> <td>Title</td> <td>https://image.flaticon.com/icons/svg/124/124010.svg</td> <td>https://facebook.com</td> <td>Difficult to believe (yet true)</td> <td>Edit</td> </tr> </tbody> </table> <p>Create</p> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p> <p>Start MySQL Workbench Java EE - Eclipse List of advertisement...</p>	Title	Banner URL	Target page	Newspaper	Edit	Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Edit	Title	https://image.flaticon.com/icons/svg/124/124010.svg	https://facebook.com	Difficult to believe (yet true)	Edit
Title	Banner URL	Target page	Newspaper	Edit												
Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Edit												
Title	https://image.flaticon.com/icons/svg/124/124010.svg	https://facebook.com	Difficult to believe (yet true)	Edit												
Outcome	After saving data, the user is logged out of the system. Title can be null.															
Notes																

Test <#002>

Description	<i>The agent creates a new advertisement, but leaves the fields blank or provides invalid data.</i>
Expected	<i>The system redirects him or her to the advertisement page and displays error message</i>
 <p>Edit an advertisement</p> <p>Newspaper: Difficult to believe (yet true) ▾</p> <p>Title: <input type="text"/> Must not be blank</p> <p>Banner URL: <input type="text"/> Must not be blank</p> <p>Target page: <input type="text"/> Must not be blank</p> <p>Credit card</p> <p>Holder name: <input type="text"/> Must not be blank</p> <p>Brand name: <input type="text"/> Must not be blank</p> <p>Number: <input type="text"/> Out of range (16.0) Must not be blank Size must be from 12 to 16</p> <p>Expiration month: <input type="text"/> Out of range (1-12)</p> <p>Expiration year: <input type="text"/> Out of range (100-999)</p> <p>cvv: <input type="text"/> Out of range (100-999)</p> <p><input type="button" value="Save"/> <input type="button" value="Cancel"/></p> <p>Start MySQL Workbench Java EE - Acme-Newspaper Edit an advertisement... 10:37 AM</p>	

Screenshot of a web browser showing the "Edit an advertisement" page. The URL is localhost:8080/Acme-Newspaper/advertisement/agent/edit.do. The page has a navigation bar with links: VOLUMES, NEWSPAPERS, USERS, CUSTOMERS, MY ADVERTISEMENTS, NEWSPAPERS WITH ADVERTISEMENTS, NEWSPAPERS WITHOUT ADVERTISEMENTS, and PROFILE (AGENT3). Below the navigation bar, there are two dropdown menus: "en" and "es".

The main content area is titled "Edit an advertisement". It contains the following fields:

- Newspaper:
- Title:
- Banner URL:
- Target page:

Below these fields is a section titled "Credit card" containing the following information:

- Holder name:
- Brand name:
- Number:
- Expiration month:
- Expiration year:
- cvv:

At the bottom of the form are two buttons: and .

A red error message "Wrong date in credit card" is displayed below the credit card fields.

The browser's taskbar shows several open tabs: Start, Google, MySQL Workbench, Java EE - Acme-Newspaper, and Edit an advertisement. The system tray shows the date as 10:46 AM.

Outcome	It is possible to create an advertisement with null title.
Notes	

Use case UC-28 List newspapers with an agent's advertisements

Description

An agent wishes to check the newspapers which contain at least an advertisement of theirs. To do so, they head to “Newspapers with advertisements” in the main menu and click the button. After that, a stream of newspapers containing advertisements created by the logged agent will be displayed, if any.

Access

Main menu -> Newspapers with advertisements

Tests

Test <#001>	
Description	The agent lists the newspapers which contain advertisements created by him or her attached to it.
Expected	The system returns a list of newspapers which feature at least one of the agent's advertisements. 
Outcome	The system returns all the newspapers without any filters.
Notes	

Test <#002>	
Description	The agent lists the newspapers which contain advertisements created by him or her attached to it.
Expected	The system returns information about the listed newspapers. This is: the title, the publication date, the description, a picture and a link with additional info. Clicking the More info link displays information about the selected newspaper.

List of newspaper

Keyword: Search

3 items found, displaying all items.
1

Title	Publication date	Description	Picture	Information
Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info
The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Unspecified Image	More info
Private Newspaper	Not published	Description of Private Newspaper	Unspecified Image	More info

Private

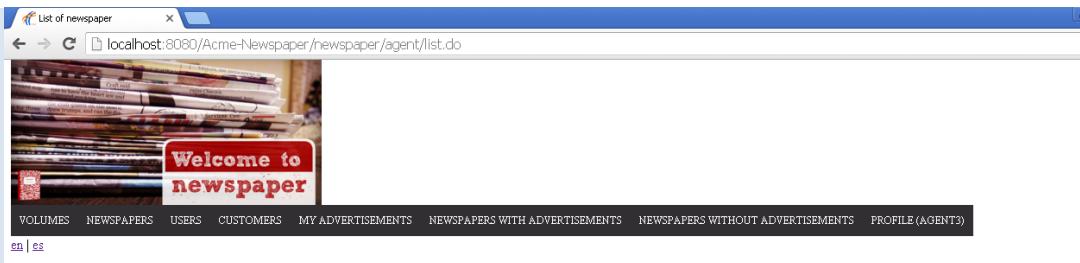
Information of the newspaper

Title: The World Hoy
 Description: A newspaper dedicated to inform about shocking news that happen around the globe.
 Picture:
 Unspecified Image

[About us](#) Copyright © 2018 Acme-Newspaper Co., Inc. [Legal Terms](#)

Outcome	Expected.
Notes	

Test <#003>	
Description	<i>The feature must work in both English and Spanish.</i>
Expected	<i>The system returns the menus and messages in the desired language.</i>

Outcome Notes	 <p>List of newspaper</p> <p>Keyword: <input type="text"/> Search</p> <p>3 items found, displaying all items.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Title</th> <th>Publication date</th> <th>Description</th> <th>Picture</th> <th>Information</th> </tr> </thead> <tbody> <tr> <td>Difficult to believe (yet true)</td> <td>2016/11/01</td> <td>A newspaper dedicated to inform about ridiculously hard to believe yet true news.</td> <td>Unspecified Image</td> <td>More info</td> </tr> <tr> <td>The World Hoy</td> <td>2016/11/01</td> <td>A newspaper dedicated to inform about shocking news that happen around the globe.</td> <td>Unspecified Image</td> <td>More info</td> </tr> <tr> <td>Private Newspaper</td> <td>Not published</td> <td>Description of Private Newspaper</td> <td>Unspecified Image</td> <td>More info</td> </tr> </tbody> </table> <p>Private</p>  <p>Listado de periodicos</p> <p>Palabra clave: <input type="text"/> Buscar</p> <p>3 registros encontrados, mostrando todos los registros.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Título</th> <th>Fecha publicación</th> <th>Descripción</th> <th>Imagen</th> <th>Información</th> </tr> </thead> <tbody> <tr> <td>Difficult to believe (yet true)</td> <td>2016/11/01</td> <td>A newspaper dedicated to inform about ridiculously hard to believe yet true news.</td> <td>Imagen inespecífica</td> <td>Más información</td> </tr> <tr> <td>The World Hoy</td> <td>2016/11/01</td> <td>A newspaper dedicated to inform about shocking news that happen around the globe.</td> <td>Imagen inespecífica</td> <td>Más información</td> </tr> <tr> <td>Private Newspaper</td> <td>No publicado</td> <td>Description of Private Newspaper</td> <td>Imagen inespecífica</td> <td>Más información</td> </tr> </tbody> </table> <p>Privado</p>	Title	Publication date	Description	Picture	Information	Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info	The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Unspecified Image	More info	Private Newspaper	Not published	Description of Private Newspaper	Unspecified Image	More info	Título	Fecha publicación	Descripción	Imagen	Información	Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Imagen inespecífica	Más información	The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Imagen inespecífica	Más información	Private Newspaper	No publicado	Description of Private Newspaper	Imagen inespecífica	Más información
Title	Publication date	Description	Picture	Information																																					
Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info																																					
The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Unspecified Image	More info																																					
Private Newspaper	Not published	Description of Private Newspaper	Unspecified Image	More info																																					
Título	Fecha publicación	Descripción	Imagen	Información																																					
Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Imagen inespecífica	Más información																																					
The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Imagen inespecífica	Más información																																					
Private Newspaper	No publicado	Description of Private Newspaper	Imagen inespecífica	Más información																																					

Use case UC-29 List newspapers without an agent's advertisements

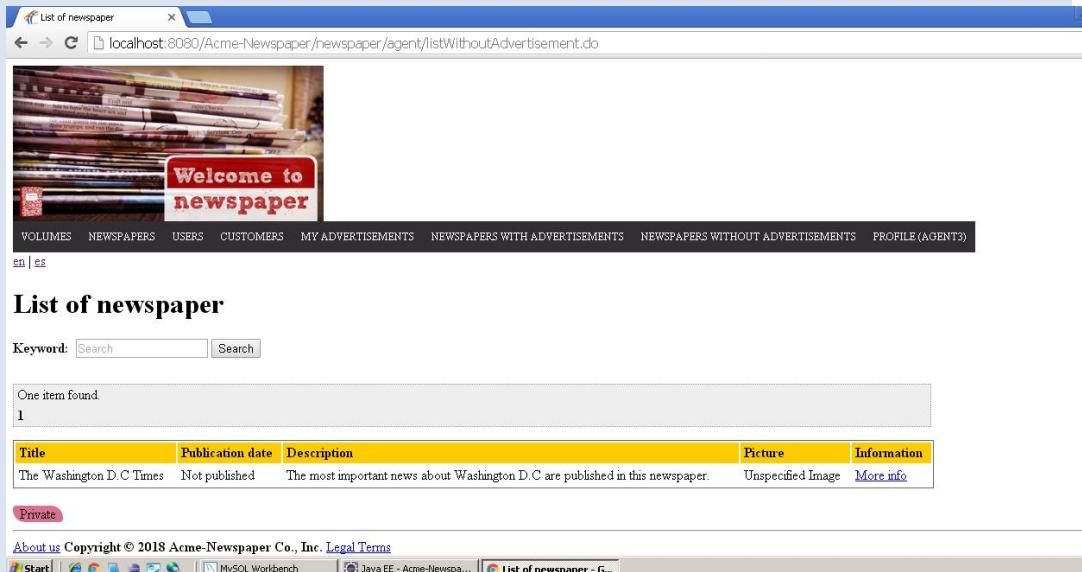
Description

An agent wishes to check the newspapers which don't feature at least an advertisement of theirs. To do so, they head to "Newspapers without advertisements" in the main menu and click the button. After that, a stream of newspapers lacking advertisements created by the logged agent will be displayed, if any.

Access

Main menu -> Newspapers without advertisements

Tests

Test <#001>	
Description	The agent lists the newspapers which don't contain advertisements created by him or her attached to it.
Expected	The system returns a list of newspapers which haven't been associated with the agent's advertisements. 
Outcome	Expected.
Notes	

Test <#002>	
Description	The agent lists the newspapers which don't contain advertisements created by him or her attached to it.
Expected	The system returns information about the listed newspapers. This is: the title, the publication date, the description, a picture and a link with additional info. Clicking the More info link displays information about the selected newspaper.

List of newspaper

localhost:8080/Acme-Newspaper/newspaper/agent/listWithoutAdvertisement.do

Welcome to newspaper

VOLUMES NEWSPAPERS USERS CUSTOMERS MY ADVERTISEMENTS NEWSPAPERS WITH ADVERTISEMENTS NEWSPAPERS WITHOUT ADVERTISEMENTS PROFILE (AGENT3)

en | es

List of newspaper

Keyword: Search

One item found
1

Title	Publication date	Description	Picture	Information
The Washington D.C Times	Not published	The most important news about Washington D.C are published in this newspaper.	Unspecified Image	More info

Private

About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms

Start MySQL Workbench Java EE - Acme-Newspaper - G... List of newspaper - G...

Information of the newspaper

localhost:8080/Acme-Newspaper/newspaper/info.do?newspaperId=168

Welcome to newspaper

VOLUMES NEWSPAPERS USERS CUSTOMERS MY ADVERTISEMENTS NEWSPAPERS WITH ADVERTISEMENTS NEWSPAPERS WITHOUT ADVERTISEMENTS PROFILE (AGENT3)

en | es

Information of the newspaper

Title: The Washington D.C Times
Description: The most important news about Washington D.C are published in this newspaper.
Picture: Unspecified Image

Articles

One item found
1

Title	Writer	Summary
Title of Article 4	user2	65% of Washingt...

Start MySQL Workbench Java EE - Acme-Newspaper - G... Information of the ne...

Outcome	Expected.
Notes	

Test <#003>

Description	<i>The functionality must work in both English and Spanish.</i>
Expected	<i>The system returns the menus and messages in the desired language.</i>

Outcome	Expected.
Notes	

List of newspaper

Keyword: Search

One item found.
1

Title	Publication date	Description	Picture	Information
The Washington D.C Times	Not published	The most important news about Washington D.C are published in this newspaper.	Unspecified Image	More info

Private

About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms

Start | MySQL Workbench | Java EE - Acme-Newspaper | List of newspaper - G...

Información de un periódico

localhost:8080/Acme-Newspaper/newspaper/info.do?newspaperId=168

VOLÚMENES PERIÓDICOS USUARIOS CLIENTES MIS ANUNCIOS PERIÓDICOS CON ANUNCIOS PERIÓDICOS SIN ANUNCIOS PERFIL (AGENT3)

en | es

Información de un periódico

Título: The Washington D.C Times
Descripción: The most important news about Washington D.C are published in this newspaper.
Imagen:
 Imagen inespecífica

Artículos

Un registro encontrado.
1

Título	Escritor	Resumen
Title of Article 4	user2	65% of Washington DC inhabitants assure to have smoked cannabis in last month

Start | MySQL Workbench | Java EE - Acme-Newspaper | Información de un pe...

Use case UC-30 Remove an inappropriate advertisement

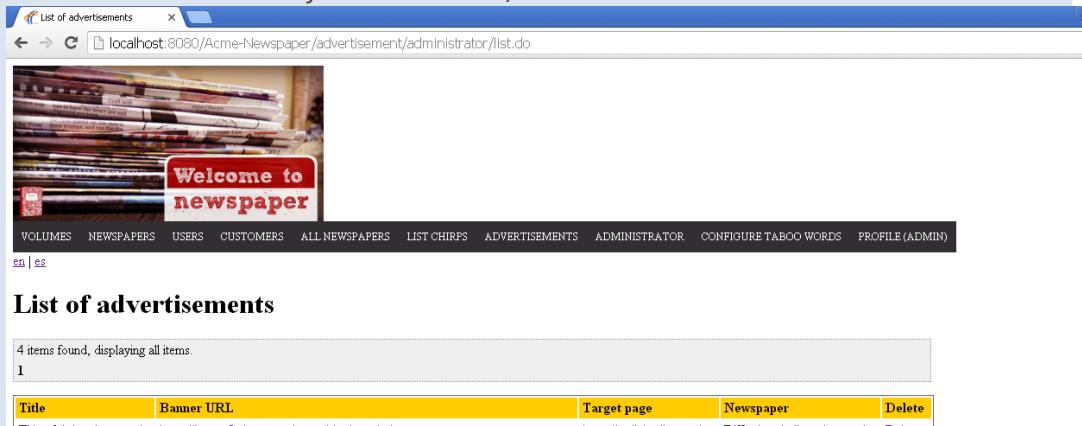
Description

An administrator wishes to delete from the system an advertisement which he or she considers inappropriate. In order to do so, they head to the "Advertisements" tab and click it. There, a stream of the current existing advertisements will be displayed, where they'll be able to delete those they choose to remove.

Access

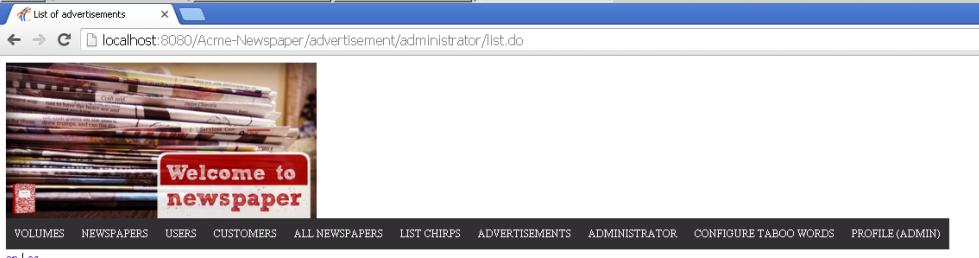
Main menu -> Advertisements

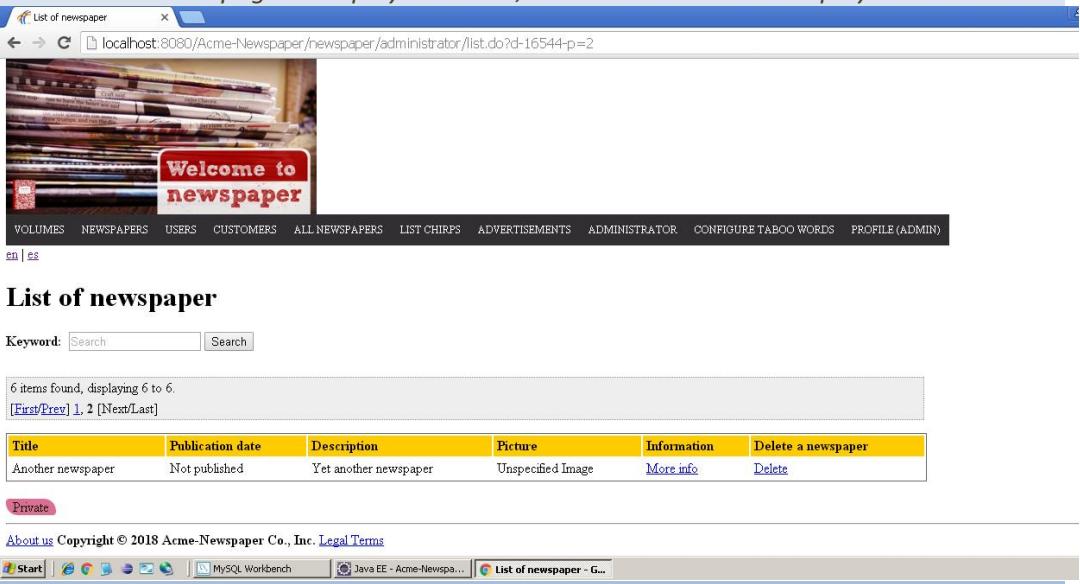
Tests

Test <#001>																																														
Description	<p>The administrator deletes an existing advertisement.</p>																																													
Expected	<p>The system removes the selected advertisement from the database and returns the administrator to the list of advertisements, which now must lack the deleted element.</p>  <p>List of advertisements</p> <p>4 items found, displaying all items. 1</p> <table border="1"><thead><tr><th>Title</th><th>Banner URL</th><th>Target page</th><th>Newspaper</th><th>Delete</th></tr></thead><tbody><tr><td>Title of Advertisement 1</td><td>https://image.flaticon.com/teams/shug/google.jpg</td><td>https://es.linkedin.com/</td><td>Difficult to believe (yet true)</td><td>Delete</td></tr><tr><td>Title of Advertisement 2</td><td>https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png</td><td>https://es.linkedin.com/</td><td>The World Hoy</td><td>Delete</td></tr><tr><td>Title of Test</td><td>https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png</td><td>https://www.twitter.com</td><td>Private Newspaper</td><td>Delete</td></tr><tr><td>Title</td><td>https://image.flaticon.com/icons/svg/124/124010.svg</td><td>https://facebook.com</td><td>Difficult to believe (yet true)</td><td>Delete</td></tr></tbody></table> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>  <p>List of advertisements</p> <p>3 items found, displaying all items. 1</p> <table border="1"><thead><tr><th>Title</th><th>Banner URL</th><th>Target page</th><th>Newspaper</th><th>Delete</th></tr></thead><tbody><tr><td>Title of Advertisement 1</td><td>https://image.flaticon.com/teams/shug/google.jpg</td><td>https://es.linkedin.com/</td><td>Difficult to believe (yet true)</td><td>Delete</td></tr><tr><td>Title of Advertisement 2</td><td>https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png</td><td>https://es.linkedin.com/</td><td>The World Hoy</td><td>Delete</td></tr><tr><td>Title of Test</td><td>https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png</td><td>https://www.twitter.com</td><td>Private Newspaper</td><td>Delete</td></tr></tbody></table> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>	Title	Banner URL	Target page	Newspaper	Delete	Title of Advertisement 1	https://image.flaticon.com/teams/shug/google.jpg	https://es.linkedin.com/	Difficult to believe (yet true)	Delete	Title of Advertisement 2	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png	https://es.linkedin.com/	The World Hoy	Delete	Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Delete	Title	https://image.flaticon.com/icons/svg/124/124010.svg	https://facebook.com	Difficult to believe (yet true)	Delete	Title	Banner URL	Target page	Newspaper	Delete	Title of Advertisement 1	https://image.flaticon.com/teams/shug/google.jpg	https://es.linkedin.com/	Difficult to believe (yet true)	Delete	Title of Advertisement 2	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png	https://es.linkedin.com/	The World Hoy	Delete	Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Delete
Title	Banner URL	Target page	Newspaper	Delete																																										
Title of Advertisement 1	https://image.flaticon.com/teams/shug/google.jpg	https://es.linkedin.com/	Difficult to believe (yet true)	Delete																																										
Title of Advertisement 2	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png	https://es.linkedin.com/	The World Hoy	Delete																																										
Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Delete																																										
Title	https://image.flaticon.com/icons/svg/124/124010.svg	https://facebook.com	Difficult to believe (yet true)	Delete																																										
Title	Banner URL	Target page	Newspaper	Delete																																										
Title of Advertisement 1	https://image.flaticon.com/teams/shug/google.jpg	https://es.linkedin.com/	Difficult to believe (yet true)	Delete																																										
Title of Advertisement 2	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png	https://es.linkedin.com/	The World Hoy	Delete																																										
Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Delete																																										

Outcome	<i>Expected.</i>
Notes	

Test <#002>	
Description	<i>The administrator deletes an existing advertisement.</i>
Expected	<i>The delete links are present and they delete the element they are designated to when clicked.</i>
Outcome	<i>Expected.</i>
Notes	

Test <#003>																																									
Description	<i>The functionality must work in both English and Spanish.</i>																																								
Expected	<i>The system returns the error messages, menus and labels in the desired language.</i>																																								
	 <p>Listado de anuncios</p> <p>3 registros encontrados, mostrando todos los registros.</p> <table border="1"> <thead> <tr> <th>Título</th> <th>URL del banner</th> <th>URL de la página</th> <th>Periódico</th> <th>Borrar</th> </tr> </thead> <tbody> <tr> <td>Title of Advertisement 1</td> <td>https://image.flaticon.com/teams/slug/google.jpg</td> <td>https://es.linkedin.com/</td> <td>Difficult to believe (yet true)</td> <td>Borrar</td> </tr> <tr> <td>Title of Advertisement 2</td> <td>https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png</td> <td>https://es.linkedin.com/</td> <td>The World Hoy</td> <td>Borrar</td> </tr> <tr> <td>Title of Test</td> <td>https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png</td> <td>https://www.twitter.com</td> <td>Private Newspaper</td> <td>Borrar</td> </tr> </tbody> </table> <p>Sobre nosotros Copyright © 2018 Acme-Newspaper Co., Inc. Términos Legales</p>  <p>List of advertisements</p> <p>3 items found, displaying all items.</p> <table border="1"> <thead> <tr> <th>Title</th> <th>Banner URL</th> <th>Target page</th> <th>Newspaper</th> <th>Delete</th> </tr> </thead> <tbody> <tr> <td>Title of Advertisement 1</td> <td>https://image.flaticon.com/teams/slug/google.jpg</td> <td>https://es.linkedin.com/</td> <td>Difficult to believe (yet true)</td> <td>Delete</td> </tr> <tr> <td>Title of Advertisement 2</td> <td>https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png</td> <td>https://es.linkedin.com/</td> <td>The World Hoy</td> <td>Delete</td> </tr> <tr> <td>Title of Test</td> <td>https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png</td> <td>https://www.twitter.com</td> <td>Private Newspaper</td> <td>Delete</td> </tr> </tbody> </table> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>	Título	URL del banner	URL de la página	Periódico	Borrar	Title of Advertisement 1	https://image.flaticon.com/teams/slug/google.jpg	https://es.linkedin.com/	Difficult to believe (yet true)	Borrar	Title of Advertisement 2	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png	https://es.linkedin.com/	The World Hoy	Borrar	Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Borrar	Title	Banner URL	Target page	Newspaper	Delete	Title of Advertisement 1	https://image.flaticon.com/teams/slug/google.jpg	https://es.linkedin.com/	Difficult to believe (yet true)	Delete	Title of Advertisement 2	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png	https://es.linkedin.com/	The World Hoy	Delete	Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Delete
Título	URL del banner	URL de la página	Periódico	Borrar																																					
Title of Advertisement 1	https://image.flaticon.com/teams/slug/google.jpg	https://es.linkedin.com/	Difficult to believe (yet true)	Borrar																																					
Title of Advertisement 2	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png	https://es.linkedin.com/	The World Hoy	Borrar																																					
Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Borrar																																					
Title	Banner URL	Target page	Newspaper	Delete																																					
Title of Advertisement 1	https://image.flaticon.com/teams/slug/google.jpg	https://es.linkedin.com/	Difficult to believe (yet true)	Delete																																					
Title of Advertisement 2	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-256.png	https://es.linkedin.com/	The World Hoy	Delete																																					
Title of Test	https://cdn1.iconfinder.com/data/icons/logotypes/32/square-twitter-128.png	https://www.twitter.com	Private Newspaper	Delete																																					
Outcome	<i>Expected.</i>																																								
Notes																																									

Test <#004>	
Description	When there are more than a page of elements to display, the pagination works as expected.
Expected	When clicked on a page to display elements, these are loaded and displayed in a list. 
Outcome	Expected.
Notes	

Use case UC-31 List volumes and browse their newspapers

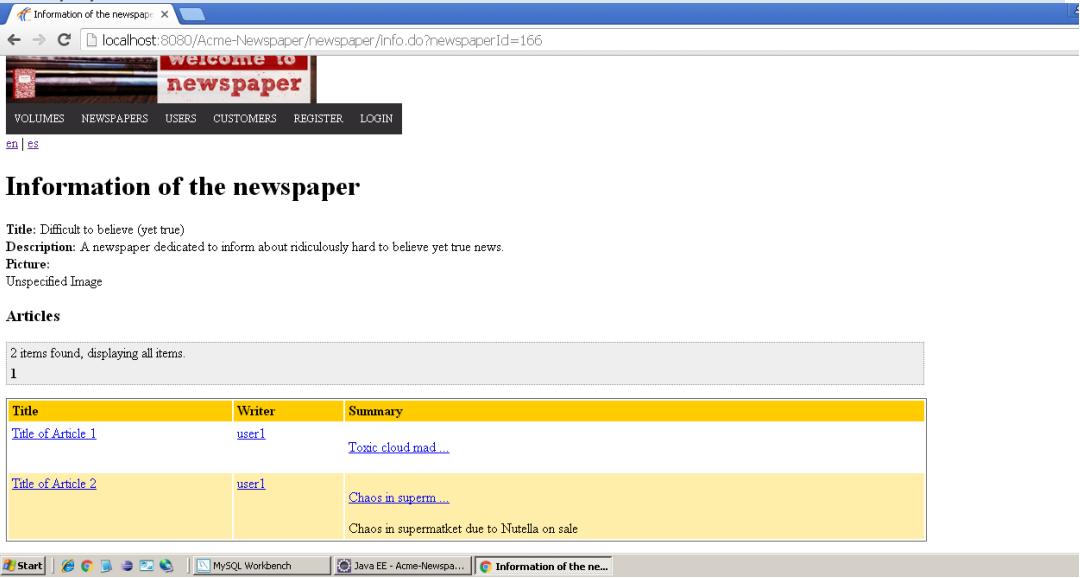
Description

An unauthenticated user wants to have a look at the volumes in the system and the newspapers they contain. To perform this action, they click the “Volumes” tab in the main menu. Once loaded, he or she clicks “Show newspapers” of the desired volume and loads the articles with the “More info”.

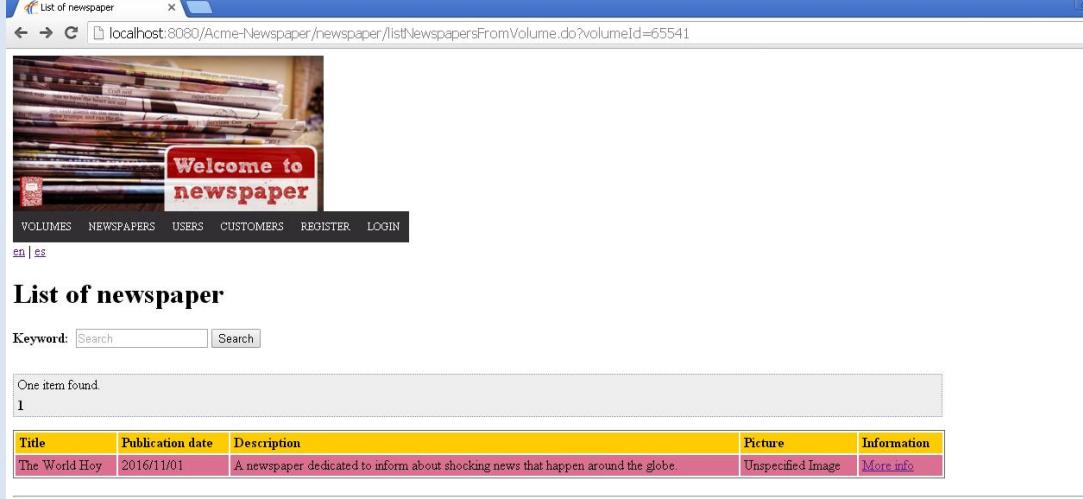
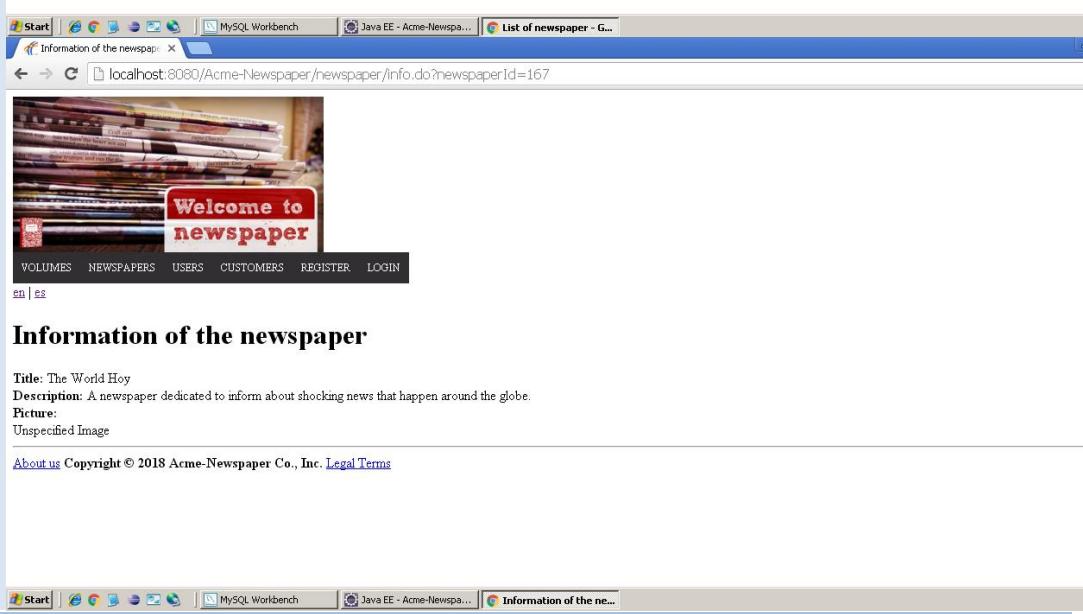
Access

Main menu -> Volumes -> Show newspapers link -> More info link

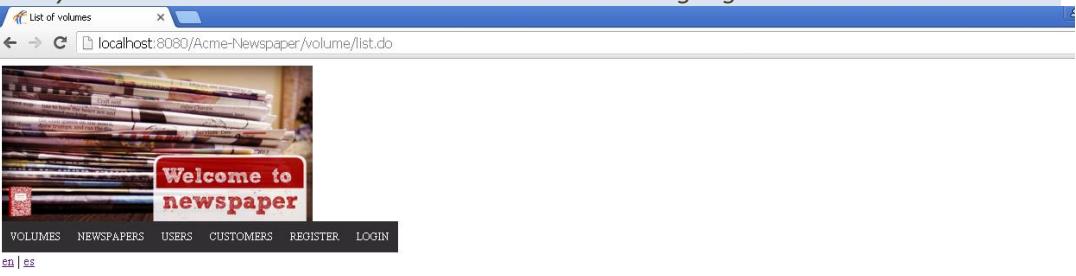
Tests

Test <#001>	
Description	The unauthenticated user displays the articles of a public newspaper.
Expected	<p>The system returns the title, summary and writer of the articles of the selected newspaper.</p> 
Outcome	Expected.
Notes	

Test <#002>	
Description	The unauthenticated user displays the newspapers of a volume, but one or more are private.
Expected	The system mustn't show the articles of the private newspapers.

	 <p>The screenshot shows a web application titled "List of newspaper". The URL is "localhost:8080/Acme-Newspaper/newspaper/listNewspapersFromVolume.do?volumeId=65541". The page features a header with a logo, a "Welcome to newspaper" message, and a navigation menu with links for VOLUMES, NEWSPAPERS, USERS, CUSTOMERS, REGISTER, and LOGIN. Below the menu, there are language selection buttons for "en" and "es". The main content area displays a table with one item found. The table has columns for Title, Publication date, Description, Picture, and Information. The single row contains: Title "The World Hoy", Publication date "2016/11/01", Description "A newspaper dedicated to inform about shocking news that happen around the globe.", Picture "Unspecified Image", and Information "More info".</p> <hr/>  <p>The screenshot shows a web application titled "Information of the newspaper". The URL is "localhost:8080/Acme-Newspaper/newspaper/info.do?newspaperId=167". The page features a header with a logo, a "Welcome to newspaper" message, and a navigation menu with links for VOLUMES, NEWSPAPERS, USERS, CUSTOMERS, REGISTER, and LOGIN. Below the menu, there are language selection buttons for "en" and "es". The main content area displays information for the newspaper "The World Hoy". It includes fields for Title ("The World Hoy"), Description ("A newspaper dedicated to inform about shocking news that happen around the globe."), and Picture ("Unspecified Image"). At the bottom, there are links for "About us", "Copyright © 2018 Acme-Newspaper Co., Inc.", "Legal Terms", and "Information of the ne...".</p>
Outcome	When displaying a newspaper, if it doesn't have any picture URL, a default image is shown.
Notes	

Test <#003>

Description	<i>The unauthenticated user displays the lists in English and Spanish</i>																								
Expected	<p><i>The system shows the menus and labels in the desired language.</i></p>  <p>List of volumes</p> <p>2 items found, displaying all items. 1</p> <table border="1"> <thead> <tr> <th>Title</th> <th>Description</th> <th>Year</th> <th>Newspapers</th> </tr> </thead> <tbody> <tr> <td>Volume of Newspapers 1</td> <td>Description of the Volume 1</td> <td>2018</td> <td>Show newspapers</td> </tr> <tr> <td>Volume with private newspapers</td> <td>Said</td> <td>2018</td> <td>Show newspapers</td> </tr> </tbody> </table> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>  <p>Listar volumenes</p> <p>2 registros encontrados, mostrando todos los registros. 1</p> <table border="1"> <thead> <tr> <th>Título</th> <th>Descripción</th> <th>Año</th> <th>Periodicos</th> </tr> </thead> <tbody> <tr> <td>Volume of Newspapers 1</td> <td>Description of the Volume 1</td> <td>2018</td> <td>Mostrar periódicos</td> </tr> <tr> <td>Volume with private newspapers</td> <td>Said</td> <td>2018</td> <td>Mostrar periódicos</td> </tr> </tbody> </table> <p>Sobre nosotros Copyright © 2018 Acme-Newspaper Co., Inc. Términos Legales</p>	Title	Description	Year	Newspapers	Volume of Newspapers 1	Description of the Volume 1	2018	Show newspapers	Volume with private newspapers	Said	2018	Show newspapers	Título	Descripción	Año	Periodicos	Volume of Newspapers 1	Description of the Volume 1	2018	Mostrar periódicos	Volume with private newspapers	Said	2018	Mostrar periódicos
Title	Description	Year	Newspapers																						
Volume of Newspapers 1	Description of the Volume 1	2018	Show newspapers																						
Volume with private newspapers	Said	2018	Show newspapers																						
Título	Descripción	Año	Periodicos																						
Volume of Newspapers 1	Description of the Volume 1	2018	Mostrar periódicos																						
Volume with private newspapers	Said	2018	Mostrar periódicos																						
Outcome	<i>Expected.</i>																								
Notes																									

Use case UC-32 Subscribe to a volume

Description

A customer wishes to subscribe to a volume of newspapers. To perform this action, the customer must click the “My volume subscriptions” option in the “Subscriptions” tab from the main menu and then click the “Subscribe to a volume” link. After filling the required fields, a new subscription will be added to the system and it will be listed in the customer’s current volume subscriptions.

Access

Main menu -> Subscribes -> My volume subscribes -> Subscribe to a volume

Tests

Test <#001>	
Description	The customer fills the required fields with valid data and clicks the button “Save”.
Expected	The system saves the new subscription in the database and returns the customer to his or her list of volume subscriptions.
	
	
	

Outcome	Expected.
Notes	
Test <#002>	
Description	<i>The customer fills the required fields with invalid data or leaves them blank and clicks the button "Save".</i>
Expected	<i>The system returns the customer to the subscription creation page and displays error messages.</i>
Outcome	Expected.
Notes	

Use case UC-33 Create volumes and edit its newspapers

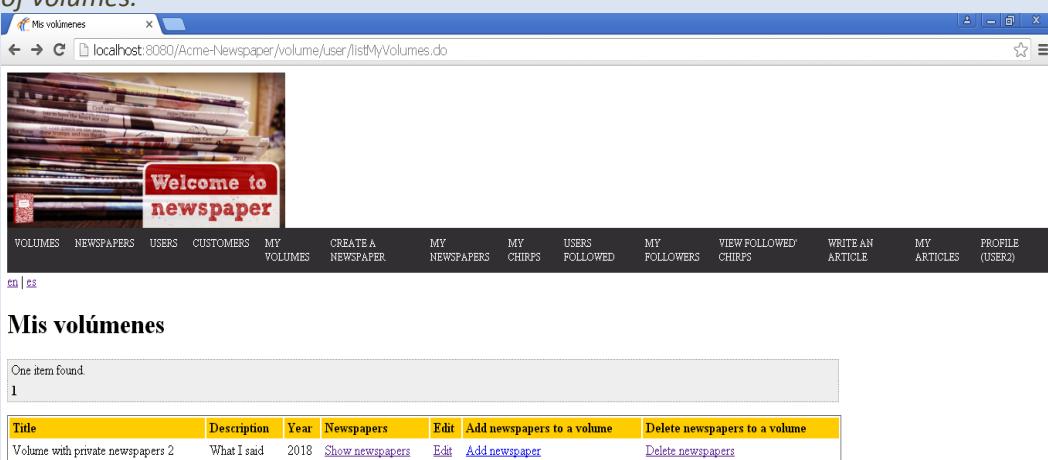
Description

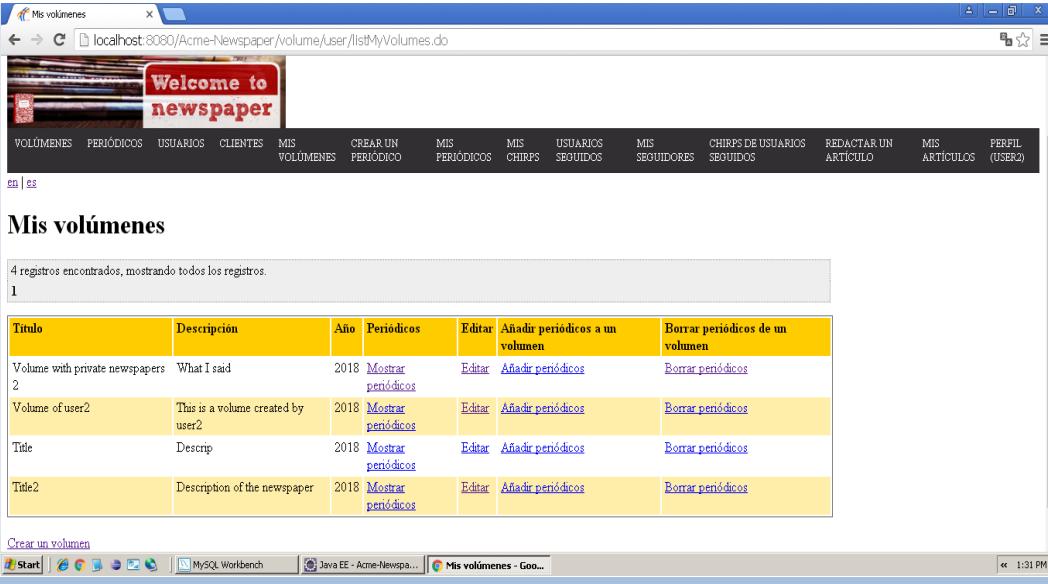
A user wishes to create volumes and add or remove newspapers to it. To fulfil it, he or she clicks the "My Volumes" button in the main menu and click the "Create a volume" link at the bottom.

Access

Main menu -> My volumes -> Create a volume

Tests

Test <#001>															
Description	The user fills the required fields with valid data and clicks the button "Save".														
Expected	The system saves the new volume in the database and returns the user to his or her list of volumes.														
															
<h3>Mis volúmenes</h3> <p>One item found 1</p> <table border="1"><thead><tr><th>Title</th><th>Description</th><th>Year</th><th>Newspapers</th><th>Edit</th><th>Add newspapers to a volume</th><th>Delete newspapers to a volume</th></tr></thead><tbody><tr><td>Volume with private newspapers 2</td><td>What I said</td><td>2018</td><td>Show newspapers</td><td>Edit</td><td>Add newspaper</td><td>Delete newspaper</td></tr></tbody></table> <p>Create a volume</p> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>		Title	Description	Year	Newspapers	Edit	Add newspapers to a volume	Delete newspapers to a volume	Volume with private newspapers 2	What I said	2018	Show newspapers	Edit	Add newspaper	Delete newspaper
Title	Description	Year	Newspapers	Edit	Add newspapers to a volume	Delete newspapers to a volume									
Volume with private newspapers 2	What I said	2018	Show newspapers	Edit	Add newspaper	Delete newspaper									
															
<h3>Editar un volumen</h3> <p>Título: <input type="text" value="Title"/> Descripción: <input type="text" value="Descripción"/> Año: <input type="text" value="2018"/> Periodicos: <input type="button" value="The World Hoy"/> <input type="button" value="Private Newspaper"/></p> <p>Guardar Cancelar</p> <p>Sobre nosotros Copyright © 2018 Acme-Newspaper Co., Inc. Términos Legales</p>															

Outcome Notes	 <p>localhost:8080/Acme-Newspaper/volume/User/listMyVolumes.do</p> <p>Welcome to newspaper</p> <p>Mis volúmenes</p> <p>4 registros encontrados, mostrando todos los registros.</p> <table border="1"> <thead> <tr> <th>Titulo</th> <th>Descripción</th> <th>Año</th> <th>Periódicos</th> <th>Editar</th> <th>Añadir periódicos a un volumen</th> <th>Borrar periódicos de un volumen</th> </tr> </thead> <tbody> <tr> <td>Volume with private newspapers</td> <td>What I said</td> <td>2018</td> <td>Mostrar periódicos</td> <td>Editar</td> <td>Añadir periódicos</td> <td>Borrar periódicos</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Volume of user2</td> <td>Thus is a volume created by user2</td> <td>2018</td> <td>Mostrar periódicos</td> <td>Editar</td> <td>Añadir periódicos</td> <td>Borrar periódicos</td> </tr> <tr> <td>Title</td> <td>Descript</td> <td>2018</td> <td>Mostrar periódicos</td> <td>Editar</td> <td>Añadir periódicos</td> <td>Borrar periódicos</td> </tr> <tr> <td>Title2</td> <td>Description of the newspaper</td> <td>2018</td> <td>Mostrar periódicos</td> <td>Editar</td> <td>Añadir periódicos</td> <td>Borrar periódicos</td> </tr> </tbody> </table> <p>Crear un volumen</p> <p>Start MySQL Workbench Java EE - Acme-Newspaper... Mis volúmenes - Google Chrome 1:31 PM</p>	Titulo	Descripción	Año	Periódicos	Editar	Añadir periódicos a un volumen	Borrar periódicos de un volumen	Volume with private newspapers	What I said	2018	Mostrar periódicos	Editar	Añadir periódicos	Borrar periódicos	2							Volume of user2	Thus is a volume created by user2	2018	Mostrar periódicos	Editar	Añadir periódicos	Borrar periódicos	Title	Descript	2018	Mostrar periódicos	Editar	Añadir periódicos	Borrar periódicos	Title2	Description of the newspaper	2018	Mostrar periódicos	Editar	Añadir periódicos	Borrar periódicos
Titulo	Descripción	Año	Periódicos	Editar	Añadir periódicos a un volumen	Borrar periódicos de un volumen																																					
Volume with private newspapers	What I said	2018	Mostrar periódicos	Editar	Añadir periódicos	Borrar periódicos																																					
2																																											
Volume of user2	Thus is a volume created by user2	2018	Mostrar periódicos	Editar	Añadir periódicos	Borrar periódicos																																					
Title	Descript	2018	Mostrar periódicos	Editar	Añadir periódicos	Borrar periódicos																																					
Title2	Description of the newspaper	2018	Mostrar periódicos	Editar	Añadir periódicos	Borrar periódicos																																					

Test <#002>	
Description	The user fills the required fields with invalid data or leaving them blank and clicks the button "Save".
Expected	The system returns the user to the creation page and displays the corresponding error messages.
Outcome	 <p>localhost:8080/Acme-Newspaper/volume/User/edit.do</p> <p>Welcome to newspaper</p> <p>Editar un volumen</p> <p>VOLÚMENES PERIÓDICOS USUARIOS CLIENTES MIS VOLUMENES CREAR UN PERIÓDICO MIS PERIÓDICOS MIS CHIRPS USUARIOS SEGUIDOS MIS SEGUIDORES CHIRPS DE USUARIOS REDACTAR UN ARTÍCULO MIS ARTÍCULOS MIS ARTÍCULOS</p> <p>en es</p> <p>Editar un volumen</p> <p>Titulo: <input type="text"/> No debe estar en blanco</p> <p>Descripción: <input type="text"/> No debe estar en blanco</p> <p>Año: <input type="text"/> Dificult to believe (yet true)</p> <p>Periodicos: <input type="text"/> No puede ser null</p> <p>Guardar Cancelar</p> <p>Sobre nosotros Copyright © 2018 Acme-Newspaper Co., Inc. Términos Legales</p> <p>Start MySQL Workbench Java EE - Acme-Newspaper... Editar un volumen - Google Chrome 1:31 PM</p>
Notes	<i>It is possible to create a new volume with null title, so title message error doesn't appear.</i>

Test <#002>	
Description	The page is displayed in English and Spanish.
Expected	The system displays the menus, labels and buttons in the desired language.

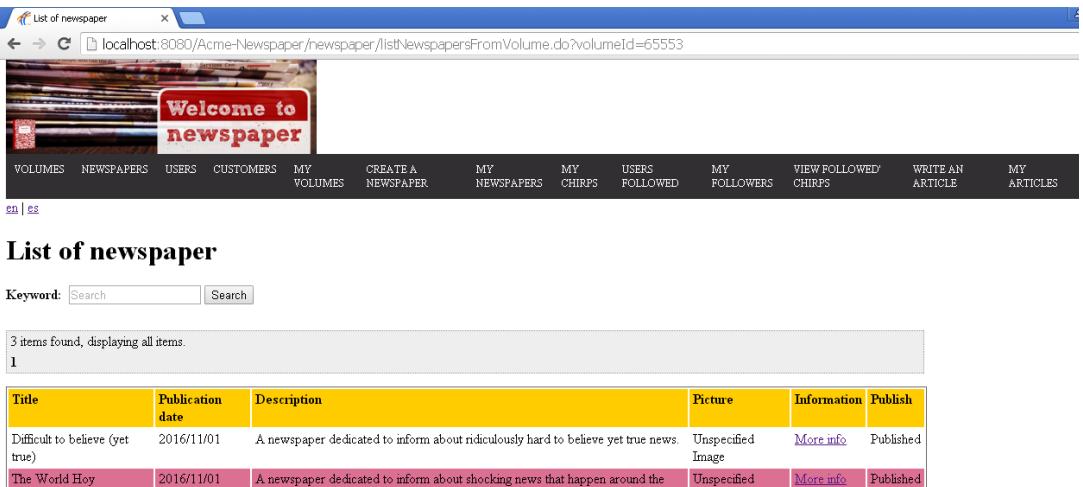
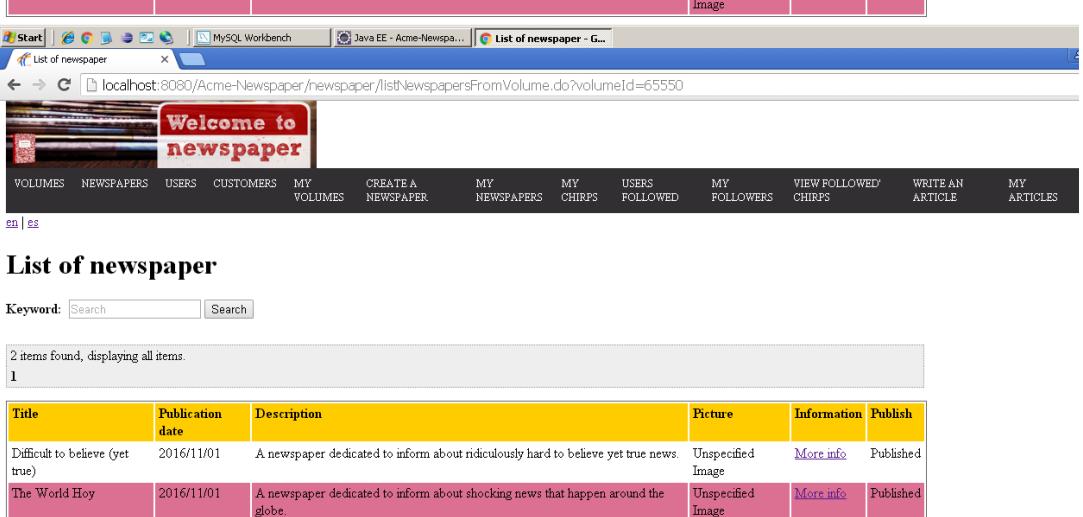
Outcome	Expected.
Notes	

Test <#003>

Description	When a private newspaper is added or removed from a volume which has subscriptions, said subscriptions are added or deleted from the customers that requested it.
Expected	The customer can view the articles of newly added private newspapers, or they can't in case that said newspaper was removed from the volume and the customer doesn't have an independent subscription to that newspaper.
Outcome	Expected.
Notes	

Test <#004>

Description	The user creates volumes which share one or more newspapers.
Expected	The same newspaper can be added to multiple volumes.

Outcome Notes	 <p>The screenshot shows a web browser window titled "List of newspaper". The URL is "localhost:8080/Acme-Newspaper/newspaper/listNewspapersFromVolume.do?volumeId=65553". The page features a header with links for VOLUMES, NEWSPAPERS, USERS, CUSTOMERS, MY VOLUMES, CREATE A NEWSPAPER, MY NEWSPAPERS, MY CHIRPS, USERS FOLLOWED, MY FOLLOWERS, VIEW FOLLOWED CHIRPS, WRITE AN ARTICLE, and MY ARTICLES. Below the header is a search bar with a "Search" button. A message says "3 items found, displaying all items." followed by a list of three newspapers:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Title</th> <th>Publication date</th> <th>Description</th> <th>Picture</th> <th>Information</th> <th>Publish</th> </tr> </thead> <tbody> <tr> <td>Difficult to believe (yet true)</td> <td>2016/11/01</td> <td>A newspaper dedicated to inform about ridiculously hard to believe yet true news.</td> <td>Unspecified Image</td> <td>More info</td> <td>Published</td> </tr> <tr> <td>The World Hoy</td> <td>2016/11/01</td> <td>A newspaper dedicated to inform about shocking news that happen around the globe.</td> <td>Unspecified Image</td> <td>More info</td> <td>Published</td> </tr> <tr> <td>Private Newspaper</td> <td>2018/05/02</td> <td>Private</td> <td>Unspecified Image</td> <td>More info</td> <td>Published</td> </tr> </tbody> </table>  <p>This screenshot shows the same application interface as the first one, but with only two items listed in the table. The third item from the previous screenshot is missing.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Title</th> <th>Publication date</th> <th>Description</th> <th>Picture</th> <th>Information</th> <th>Publish</th> </tr> </thead> <tbody> <tr> <td>Difficult to believe (yet true)</td> <td>2016/11/01</td> <td>A newspaper dedicated to inform about ridiculously hard to believe yet true news.</td> <td>Unspecified Image</td> <td>More info</td> <td>Published</td> </tr> <tr> <td>The World Hoy</td> <td>2016/11/01</td> <td>A newspaper dedicated to inform about shocking news that happen around the globe.</td> <td>Unspecified Image</td> <td>More info</td> <td>Published</td> </tr> </tbody> </table> <p style="text-align: center;"><small>Private</small></p> <p style="font-size: small; margin-top: 10px;"> About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms </p>	Title	Publication date	Description	Picture	Information	Publish	Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info	Published	The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Unspecified Image	More info	Published	Private Newspaper	2018/05/02	Private	Unspecified Image	More info	Published	Title	Publication date	Description	Picture	Information	Publish	Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info	Published	The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Unspecified Image	More info	Published
Title	Publication date	Description	Picture	Information	Publish																																						
Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info	Published																																						
The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Unspecified Image	More info	Published																																						
Private Newspaper	2018/05/02	Private	Unspecified Image	More info	Published																																						
Title	Publication date	Description	Picture	Information	Publish																																						
Difficult to believe (yet true)	2016/11/01	A newspaper dedicated to inform about ridiculously hard to believe yet true news.	Unspecified Image	More info	Published																																						
The World Hoy	2016/11/01	A newspaper dedicated to inform about shocking news that happen around the globe.	Unspecified Image	More info	Published																																						

Use case UC-34 List folders

Description

An actor wishes to list the folders that he or she has at his or her disposal at the moment. To do so, he or she must click the “Folders” option in the “Profile” button in the main menu.

Access

Main menu -> Profile -> Folders

Tests

Test <#001>	
Description	The user lists the default folders and the custom folders he or she has created.
Expected	The system returns the five default folders and the ones created by the user. 
Outcome	Expected.
Notes	

Test <#002>	
Description	The user lists the default folders and the custom folders he or she has created.
Expected	The system displays the children of the folder, its name, a link to the messages it contains and displays if they are system folders or not. If they are not system folders, they can be edited.
Outcome	Messages list is returned.
Notes	

Test <#003>	
Description	In case that there are than one pages, pagination must work properly.
Expected	The system displays the items in the other pages.

Outcome

Expected.

Notes

Use case UC-35 Create and edit folders

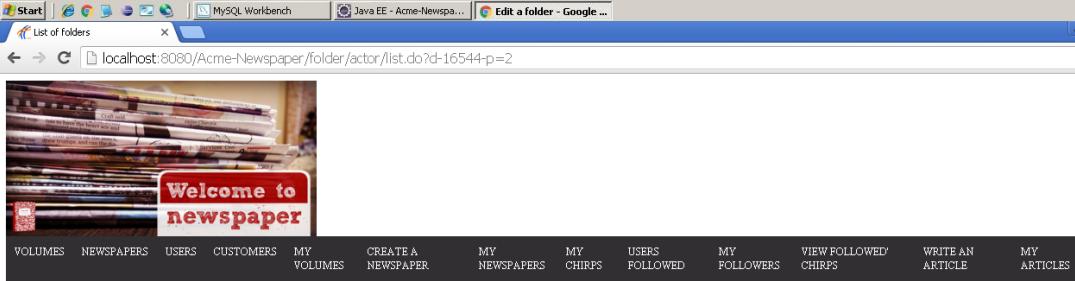
Description

An actor wishes to create, edit or delete the folders that he or she has at his or her disposal at the moment. To do so, he or she must click the "Folders" option in the "Profile" button in the main menu and then click "Create folder" at the bottom.

Access

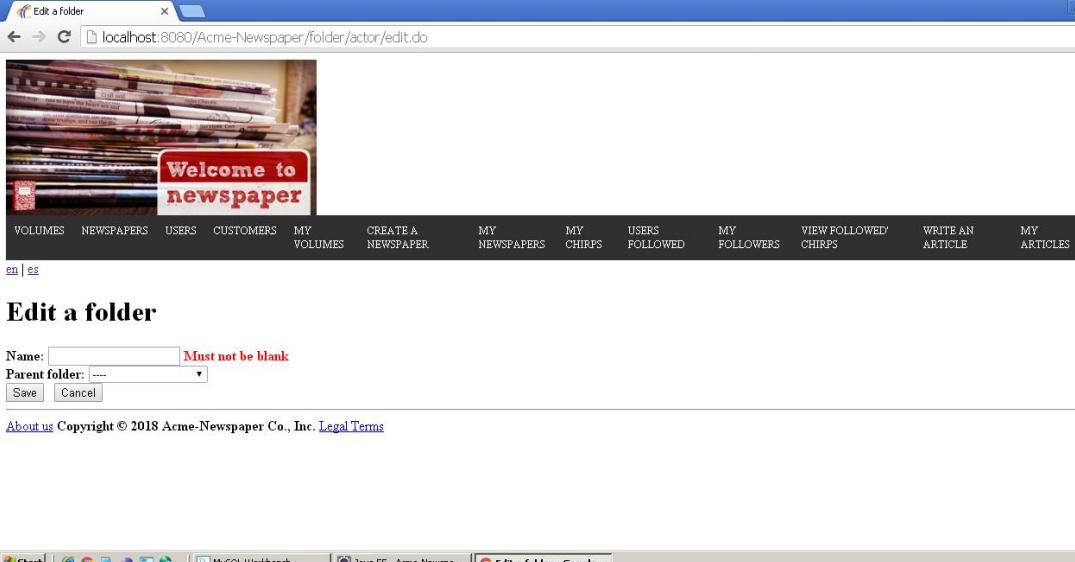
Main menu -> Profile -> Folders -> Create folder

Tests

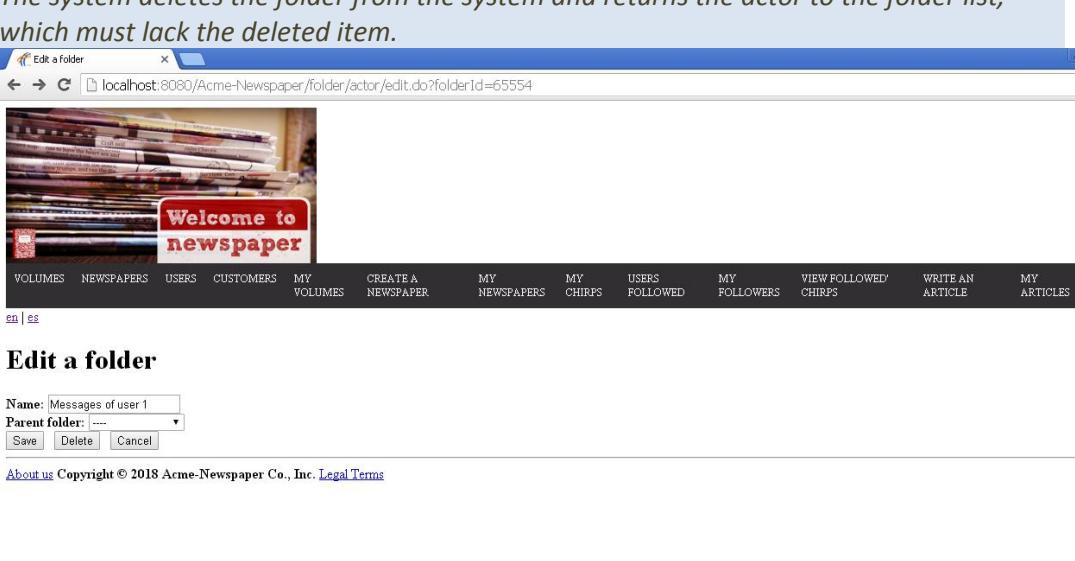
Test <#001>	
Description	The actor fills the fields with valid data and creates the new folder.
Expected	The system saves the new folder in the system and returns the actor to the list of folders, which must feature the newly created one.  
Outcome	Expected.

Notes

Test <#002>

Description	<i>The actor tries to save the new folder without filling the required data.</i>
Expected	<i>The system displays the corresponding error messages after bringing the actor back to the creation view.</i>
	
Outcome	<i>Expected.</i>
Notes	

Test <#003>

Description	<i>The actor deletes a non-system folder.</i>
Expected	<i>The system deletes the folder from the system and returns the actor to the folder list, which must lack the deleted item.</i>
	
Notes	

Edit	Name	Children folders	Messages
System folder	in box	Children folders	Messages
System folder	out box	Children folders	Messages
System folder	notification box	Children folders	Messages
System folder	trash box	Children folders	Messages
System folder	spam box	Children folders	Messages

[Create folder](#)

Outcome

Expected.

Notes
Test <#003>
Description

The actor edits a non-system folder.

Expected

The changes are saved and the system displays the updated data and moves the folder to the selected folders' group of children if needed.

Outcome

Expected.

Notes
Test <#004>
Description

The actor edits a system folder.

Expected

The system will redirect the actor to the welcome page.

Outcome

Expected.

Notes

A message telling it's impossible to do the action is shown.

Use case UC-36 Exchange messages with other actors

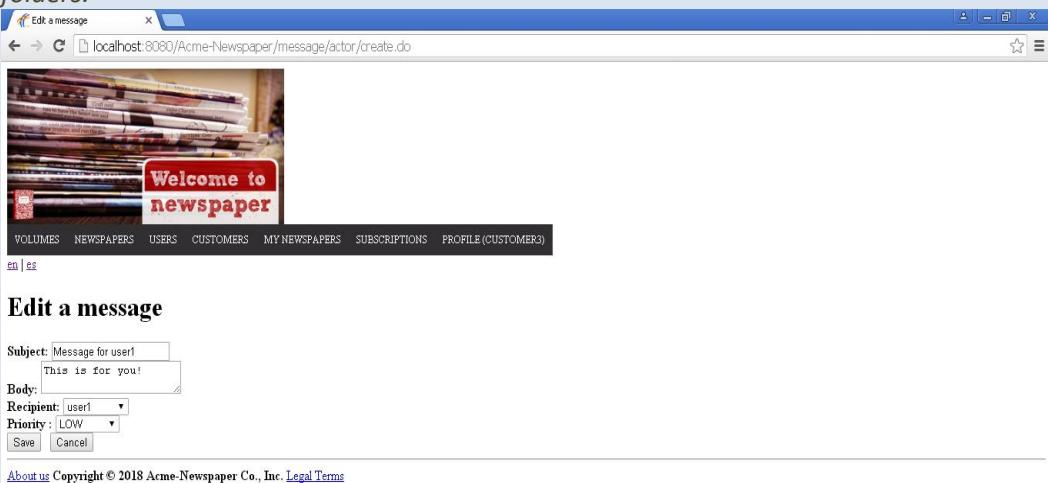
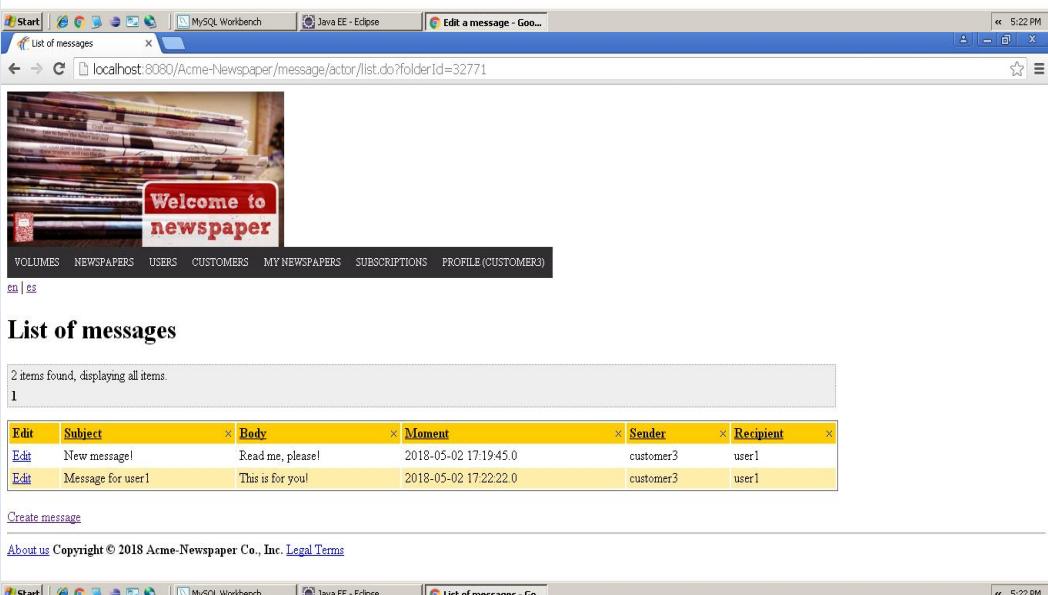
Description

An actor wishes to list his or her messages and exchange messages with another actor of the system. To do so, he or she clicks the “Folders” option in the Profile tab in the main menu. Then, they head to “Messages” and click the link labelled “Create message”.

Access

Main menu -> Profile -> Folders -> Messages ->Create message

Tests

Test <#001>	
Description	The actor fills the fields with valid data and creates the new message.
Expected	The system saves the new message in the system and returns the actor to the list of folders.
	
	

Screenshot of the Acme-Newspaper application showing the 'List of messages' page for folder ID 182.

Edit	Subject	Body	Moment	Sender	Recipient
Edit	Hey there!	Welcome from Admin to User1	2017-10-01 00:00:00.0	admin	user1
Edit	New message!	Read me, please!	2018-05-02 17:19:45.0	customer3	user1
Edit	Message for user1	This is for you!	2018-05-02 17:22:22.0	customer3	user1

Outcome Message's priority doesn't appear.

Notes

Test <#002>

Description	The actor lists the messages inside a folder.
Expected	The system returns the messages within the chosen folder, showing the subject, the body, the moment the message was sent, the sender and the recipient, as well as a link to edit the message. At the bottom, there must be a link labelled "Create message" that allows the actor to create a new message.
Outcome	List of children folders is returned.
Notes	

Screenshot of the Acme-Newspaper application showing the 'List of messages' page for folder ID 182.

Edit	Subject	Body	Moment	Sender	Recipient
Edit	Hey there!	Welcome from Admin to User1	2017-10-01 00:00:00.0	admin	user1
Edit	New message!	Read me, please!	2018-05-02 17:19:45.0	customer3	user1
Edit	Message for user1	This is for you!	2018-05-02 17:22:22.0	customer3	user1

Outcome List of children folders is returned.

Notes

Test <#003>

Description	The messages are listed where intended.
Expected	The messages sent by the sender are always located in the out box folder and the

	<i>recipient always receives the message in their in box folder.</i>
Outcome	<i>Expected.</i>
Notes	

Use case UC-37 Manage an actor's messages

Description

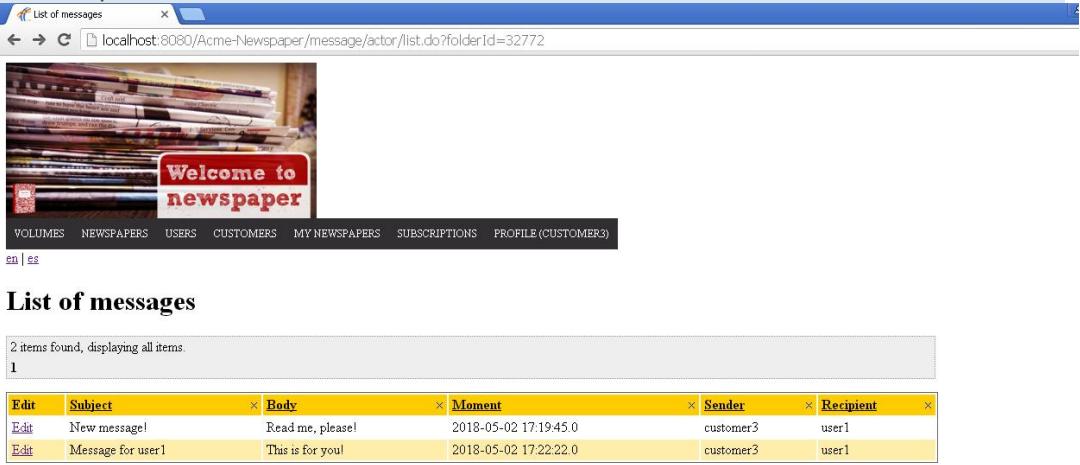
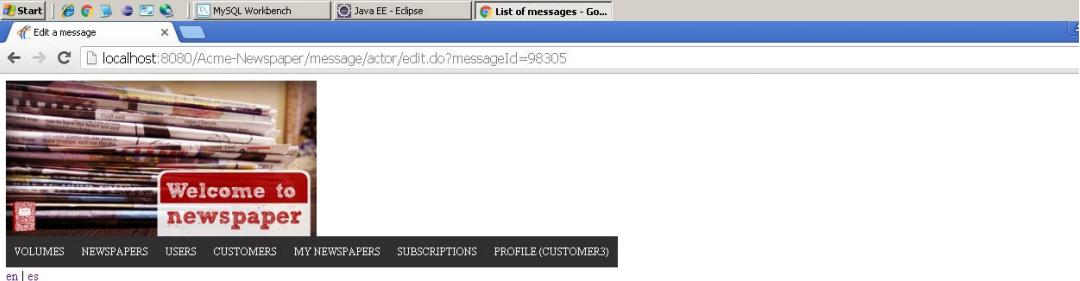
An actor wishes to manage their messages. To do so, he or she clicks the "Folders" option in the Profile tab in the main menu. Then, they head to "Messages" and click the link labelled "Edit" next to the message they wish to edit or delete.

Access

Main menu -> Profile -> Folders -> Messages -> Edit

Tests

Test <#001>

Description	The actor chooses a different folder to store the message.																		
Expected	<p>The system saves the change and brings the actor to the list of folders. The message must be placed now in the new location.</p>  <p>List of messages</p> <p>2 items found, displaying all items. 1</p> <table border="1"><thead><tr><th>Edit</th><th>Subject</th><th>Body</th><th>Moment</th><th>Sender</th><th>Recipient</th></tr></thead><tbody><tr><td>Edit</td><td>New message!</td><td>Read me, please!</td><td>2018-05-02 17:19:45.0</td><td>customer3</td><td>user1</td></tr><tr><td>Edit</td><td>Message for user1</td><td>This is for you!</td><td>2018-05-02 17:22:22.0</td><td>customer3</td><td>user1</td></tr></tbody></table> <p>Create message</p> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p>  <p>Edit a message</p> <p>Name: out box <input type="button" value="Save"/> <input type="button" value="Delete"/> <input type="button" value="Cancel"/></p> <p>About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms</p> 	Edit	Subject	Body	Moment	Sender	Recipient	Edit	New message!	Read me, please!	2018-05-02 17:19:45.0	customer3	user1	Edit	Message for user1	This is for you!	2018-05-02 17:22:22.0	customer3	user1
Edit	Subject	Body	Moment	Sender	Recipient														
Edit	New message!	Read me, please!	2018-05-02 17:19:45.0	customer3	user1														
Edit	Message for user1	This is for you!	2018-05-02 17:22:22.0	customer3	user1														

List of messages

One item found.
1

Edit	Subject	Body	Moment	Sender	Recipient
Edit	New message!	Read me, please!	2018-05-02 17:19:45.0	customer3	user1

Create message

About us Copyright © 2018 Acme-Newspaper Co., Inc. Legal Terms

Start | MySQL Workbench | Java EE - Eclipse | List of messages - Go...

Outcome	Expected.
Notes	

Test <#002>

Description *The actor deletes a message in a folder which isn't the trash box.*

Expected *The message is moved from the current box to the trash box.*

Outcome *Expected.*

Notes

Test <#003>

Description *The actor deletes a message in a folder which is in the trash box.*

Expected *The message is deleted from the system.*

Outcome *Expected.*

Notes

Additional tests

Test <#001>	
Description	<i>Test SQL and XSS injections.</i>
Expected	<i>None of the editable text fields in the system must allow SQL or XSS injections.</i>
Outcome	<i>Expected.</i>
Notes	

Test <#002>	
Description	<i>Test cancel buttons.</i>
Expected	<i>Make sure that all the cancel buttons of each edition forms redirect to the proper page (this is, the one that brought the user to the edition view).</i>
Outcome	<i>Some buttons make you log out or its action is interchanged with other button.</i>
Notes	

Test <#003>	
Description	<i>Test that hidden attributes cannot be edited.</i>
Expected	<i>Make sure that POST hack attack can't be performed on the system.</i>
Outcome	<i>In Article and Follow-up edition forms, POST hack can be performed. It's possible to edit a message that's not mine.</i>
Notes	