

USER CASES

Use Case: Create Account

Participating Actors

The use case is initiated by a visitor.

Brief Description

The use case allows the visitor the chance to create an account, by providing basic information like user name, email and password. This is saved and the user can log into his/her account.

Basic Flow

1. There will be a display of a welcoming message and a brief explanation of what the website is about and the services it provides.
2. The user case is initiated when the visitor clicks on the “create account button”.
3. To create an account the user has to provide the system with certain information. This will then be saved under a unique ID with the users name and protected with a password provided by the user.
4. When the user provides the necessary email, name and password info, the information is saved in the database.
5. When the account is successfully created, the user is directed to the login button for the user to log into his account.

Alternative Flows

● A2. In step 4, if the account already exists, as in the username or email matches another in the database, there would be a message telling the user the account already exists, then be redirected to the login form.

● A5. In step 3, if the user enters an email address and it doesn't match the mail address format, when the user clicks on the “create account” button, a message would appear on the field to inform them the email address is incorrect.

● A6. In step 3, if the passwords do not match, the user would be informed that the password does not match.

Rules

● Username Rule: Usernames are provided by users and should be at least 3 characters long. They should not be in the list of banned usernames that will be provided.

● Password Rule: Passwords are provided by users have not specified limit or no required length, user can even use one letter as password.

● Basic Security: authentication should follow standard security guidelines and practices. Passwords should not be sent and must be encrypted. It's up to you how to handle authentication and reconcile it with the RESTful API.

Notes

● Question: Would we have different buttons and forms for creating and logging into an account?
Answer: Yes, you would have two buttons, one that says create an account, and another that says log in.

● Question: Can the user change or update personal info after the account has been created?
Answer: Not yet.

● Question: Can the user delete the account?
Answer: Not Yet

User-Case: Login

Participating Actors

Users

Brief Description

This is how users who already have an account get into their account when they visit our website

Basic Flow

1. There will be a display of a welcoming message and a brief explanation of what the website is about and the services it provides.
2. The user case is initiated when the user clicks on the "Login button".

3. To login, the user would need to enter his or her email address with the corresponding password he/she created the account with.
4. If the information entered matches that of an administrator, the user would be logged in to an administrator account, else if it matches the information of an ordinary user (student), then the user would be logged in to the normal user account.
5. When the user provides the necessary email, and password info, and it matches any in the database, the user is then logged into his/her account.

Alternative Flows

- A2. In step 3, if the account does not exist, the user would be informed by a pop-up message that, the account does not exist, and would be directed to the create account button.
- A5. In step 3, if the user enters the right user name but a wrong corresponding password, the system informs the user that (Incorrect password or username). Then that field turns red.

Rules

- Username Rule: Usernames are provided by users and should be at least 3 characters long. They should not be in the list of banned usernames that will be provided.
- Password Rule: Passwords are provided by users and should be at least 7 characters long. The password should include both numbers and letters as well as special characters like the \$ sign.
- Basic Security: authentication should follow standard security guidelines and practices. Passwords should not be sent and must be encrypted. It's up to you how to handle authentication and reconcile it with the RESTful API.

Notes

- Question: Would we have different buttons and forms for creating and logging into an account?
Answer: Yes, you would have two buttons, one that says create an account, and another that says log in.
- Question: Can the user change or update personal info after the account has been created?
Answer: Yes, the user can update info but the updates would still have to comply with rules regarding those particular information tabs.
- Question: Can the user delete the account?

Answer: Yes, the user has the option to delete his/her account anytime after the account has been created.

User-Case: Uploading contents

Participating Actors

Publishers/Professors

Brief Description

The case is how Professors upload contents to the website.

Basic Flow

1. There will be a button named Upload, on the screen of administrators account, where the professors can upload new content.
2. This use case initiates when the upload button is clicked.
3. The professor is supposed to fill in the information regarding the post he/she is about to post. Which would include the topic, author, category and description of the books he/she is about to post.
4. After all required information has been provided, the upload button would be made active and the professor can upload the information on to the web site.

Alternative Flows

- A2. In steps 3 and 4, if all required parts of the form are not filled, the content would not be uploaded.
- A3. In step 3, if the title matches any other content, the user would be prompted that the book already exists.

Rules

- All fields in the form are required to be filled. This is to help and enhance the chances of researchers really finding what they want.

Notes

● Question: Is there a limitation as to how many books can be posted in a day?

Answer: No

User-Case: Searching

Participating Actors

All User (Professors and Students)

Brief Description

This use case deals with the searching and finding of contents on the website.

Basic Flow

1. This use case is initiated when the search icon is clicked.
2. This opens a search bar, where the user can type in any keyword or term associated with the information the user wants to find.
3. After the keyword is typed in, the search can be started by clicking "Enter" on the keyboard or clicking on the search button by the search bar.
4. When the search starts, the looks for any information in the database that matches the keyword the user is searched, and displays the information in a whole, as in the book related to the search, the author and anything else that concerns the search term.

Alternative Flows

● A3. In step 2 is an empty bar is searched, the search display all contents in the database in the order of which one was uploaded first.

● A3. In step 4, if there is nothing in the database that matches the keyword or term the user searched, the page displays a message saying "No book matches your search term, try using another term"

Rules

● No rules or laws passed yet.

Notes

● Question: Can you search for things not related to what you do?

Answer: Yes