

USE CASES

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Version	Date	Description	Author
Inception draft	17.11.2006	First draft. To be refined primarily during elaboration	Schnl1, Zumsr1

1 User registration

Scope: Electronic Newsletters Application

Level: user goal

Primary Actor: Subscriber

Stakeholders and Interests:

Subscriber: The subscriber wants to create an account.

Mail Server: Wants to satisfy the systems requests → Sends emails to the subscribers

Preconditions:

Subscriber has a valid mail-account.

Success Guarantee:

A non active account is created.

User received a activation-code per mail.

Basic Flow:

1. Subscriber inputs his email-address, name and his password (two times to confirm it)
2. System tests if the email-address is well formed and the two passwords match.
3. System generates a mail with an activation-code
4. System uses the mail server to send the mail with the activation-code to the subscriber
5. System create a non active account.

Extensions:

- * A) At any time. System fails
 1. User is being informed of the failure
 2. Data is not being stored, user has to start a new registration
- 2. A) Subscriber inputs a non well formed mail-address (without @ etc.)
 1. System prompts that the email-address is not well formed.
 2. User must correct his email-address.
- B) Passwords do not match
 1. System prompts that the passwords don't match
 2. User must correct the passwords

Special Requirements: -

Technology and Data Variations List:

User data entered via the keyboard

The subscriber computer has an Unicode keyboard layout

Frequency of Occurrence:

Once for every subscriber who wants to use the system

Open Issue: -

2 User login

Scope: Electronic Newsletters application

Level: user goal

Primary Actor: Subscriber

Stakeholders and Interests:

Subscriber: The subscriber wants to log in to system.

Preconditions:

Subscriber is registered.

Success Guarantee:

Subscriber is authenticated.

Basic Flow:

1. Subscriber inputs his mail-address and his password
2. System checks the account
3. System requests activation-code if account is not active
4. Subscriber inputs activation-code
5. Access is granted, User is authenticated.

Extensions:

- * A) At any time. System fails
 1. Subscriber is being informed of the failure
 2. Data is not being stored, user has to start login again.
- 1. A) User lost his password
 1. Subscriber can request his password
 2. System sends the password per mail to the user
- 2. A) Account information doesn't match
 1. Subscriber is being informed of the failure
 2. Subscriber has to correct login information
- 4. A) Subscriber inputs a non valid activation-code
 1. System prompts that the activation-code is not valid.
 2. Subscriber must correct the activation-code.B) Subscriber lost his activation-code
 1. Subscriber requests the activation-code again
 2. System sends the activation-code per mail to the subscriber

Special Requirements: -

Technology and Data Variations List:

User data entered via the keyboard

The subscriber computer has an Unicode keyboard layout

Frequency of Occurrence:

Each time a subscriber wants to change his subscriptions.

Open Issue: -

3 User logout

Scope: Electronic Newsletters application

Level: user goal

Primary Actor: User (Subscriber or Editor)

Stakeholders and Interests:

Subscriber: Wants to log out.

Preconditions:

Subscriber is authenticated

Success Guarantee:

Subscriber is logged out

Basic Flow:

1. Subscriber log out.
2. System is logging out the subscriber

Extensions:

- * A) At any time. System fails
 1. Subscriber is being informed of the failure
 2. Subscriber is logged out

Special Requirements: -

Technology and Data Variations List: -

Frequency of Occurrence:

Each time a subscriber leave the system

Open Issue: -

4 Subscribe / Unsubscribe to newsletters

Scope: Electronic Newsletters application

Level: user goal

Primary Actor: Subscriber

Stakeholders and Interests:

Subscriber:

Preconditions:

Subscriber is identified and authenticated.

Success Guarantee:

Subscriber will receive the selected newsletters.

Basic Flow:

1. Subscriber selects the newsletters he want.
2. System saves the choices.

Extensions:

- * A) At any time. System fails
 1. User is being informed of the failure
 2. Data is not being stored, user has to log in and starts selection again

Special Requirements: -

Technology and Data Variations List: -

Frequency of Occurrence:

Each time a subscriber wants to change his subscriptions.

Open Issue: -

5 Add article to system

Scope: Electronic Newsletters application

Level: user goal

Primary Actor: Editor

Description:

One or more authors writes an article and sends it to the editor per mail. The editor authenticates to the system and adds the article. System sets topic to general, the editor can changes to another topic.

6 Edit articles topic

Scope: Electronic Newsletters application

Level: user goal

Primary Actor: Editor

Description:

The editor changes the topic of an article.

7 Generate newsletter

Scope: Electronic Newsletters application

Level: user goal

Primary Actor: Editor

Description:

The editor selects the relevant articles of a chosen topic. The system generates the mails to the subscribers and set the selected articles to "used".

8 Add topics

Scope: Electronic Newsletters application

Level: user goal

Primary Actor: Subscriber

Description:

Editor adds a new topic to the system.

9 Remove topics

Scope: Electronic Newsletters application

Level: user goal

Primary Actor: Editor

Description:

Editor removes a topic from system. System informs the subscribers per mail about this. System sets for all associated articles its topic to general. (The article will still be available because all references published refer to the article itself.)

10 Rename topic

Scope: Electronic Newsletters application

Level: user goal

Primary Actor: Editor

Description:

Editor renames a topic.