Email Integration Application

Use-Case Model

Version <1.0>

Revision History

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# Use-Cases Identification

Use case: **Email services**

Level: Summary

Primary actor: Client

Main success scenario (for sending email) :

1. The client logs in
2. The client writes a message
3. The client introduces the email’s subject
4. The client introduces the receiver’s email address
5. The client sends the email

Extensions:

1a. The username and/or password are incorrect:

1a1. Return to step 1

4a. The email address is not valid (does not have the valid form)

4a1. The client must modify the email address

Use case: **Respond to an email**

Level: User-goal

Primary actor: Client

Main success scenario:

1. The client logs in
2. The client reads a message
3. The client writes a message
4. The client introduces the email’s subject
5. The client sends the message

Extensions:

1a. The username and/or password are incorrect:

1a1. Return to step 1

2a. The client has no messages

2a1. The scenario ends

4a. The email address is not valid (does not have the valid form)

4a1. The client must modify the email address

Use case**: Create account**

Level: User-goal

Primary actor: Client

Main success scenario:

1. The client requests a new account
2. The client introduces personal information such as name, username, password
3. The account is created
4. The client introduces email addresses

Extensions:

1a. The client is already logged in on an account

1a1. The scenario ends

2a. The name is not valid

2a1. The client must reenter his name

2b. The username is not valid or already exists

2b1. The client must choose another username

2c. The password is too short

2c1. The client must choose a longer password

4a. The email addresses introduced are not valid

4a1. The client must remove the email addresses and reenter some valid ones.

# UML Use-Case Diagrams

