

Use cases of the prattle messenger

USE CASE 1: new user registers a new account in the app:

1. Actor: user.
2. Use case overview: user is connecting to the prattle messenger and follows the guideline to register an account to be able to use the app.
3. Precondition: username is vacant.
4. Flow:
 - 4.1. Description: This scenario describes the situation where user is not facing any problems with accessing the application in order to register an account.
 - 4.2. User opens a login page.
 - 4.3. User clicks the "register button".
 - 4.4. User enters username.
 - 4.5. User enters password.
 - 4.6. App verifies that username is vacant.
 - 4.7. User is registered.
5. Alternative flow 4.4.A:
 - 5.1. Username is already taken.
 - 5.2. App asks user to come up with another vacant username.
 - 5.3. Alternative flow terminates if app verifies that username is vacant.
6. Post conditions: user is registered and will be able to login with their username and password.

USE CASE 2: registered user logging in the account.

1. Actor: registered user.
2. Use case overview: user is connecting to the prattle messenger and enters their username and password on the login page and being redirected to the home chatroom.
3. Precondition1: user is registered.
4. Precondition2: credentials are valid
5. Flow:
 - 5.1. Description: This scenario describes the situation where user is not facing any problems with accessing the application in order to login.
 - 5.2. User opens a login page.
 - 5.3. User inputs username and password.
 - 5.4. App verifies that username and password are valid
 - 5.5. User gets redirected to the home chatroom.
6. Alternative flow 5.3.A:
 - 6.1. Username AND/OR password are not valid.
 - 6.2. Appropriate message appears asking to try again.
 - 6.3. Alternative flow terminates if username and password are valid and were verified.
7. Post conditions: user is logged in and is in the home chatroom and able to interact with other users.

USE CASE 3: user is sending personal messages.

1. Actor: registered, logged-in user.
2. Use case overview: user is searching for recipient by username in the appropriate field. After recipient is found user starts a conversation.
3. Precondition: recipient must be registered user.
4. Flow:
 - 4.1. Description: This scenario describes the situation where user is able to find a recipient by username and send them a message.
 - 4.2. User enters recipient's username in the search field.
 - 4.3. User selects a recipient from a list of "direct messages".
 - 4.4. User types a message text in the message field.
 - 4.5. User pushes a button send a message.
5. Post conditions: message is sent to the recipient.

USE CASE 4: user is sending messages to the channel chat.

1. Actor: registered, logged-in user.
2. Use case overview: user is searching for recipient channel by channel name in the appropriate field. After recipients are found user starts a conversation.
3. Precondition: recipient must be registered in channel.
4. Flow:
 - 4.1. Description: This scenario describes the situation where user is able to find a recipient by channel name and send them a message.
 - 4.2. User enters recipient's channel name in the search field.
 - 4.3. User selects a recipient from a list of "channels".
 - 4.4. User types a message text in the message field.
 - 4.5. User pushes a button send a message.
5. Post conditions: message is sent to the recipient channel.

USE CASE 5: user is creating and filling a channel.

1. Actor: registered, logged-in user
2. Use case overview: user is creating a channel and automatically becomes channels moderator
3. Precondition: users to be added to the channel should be registered.
4. Flow:
 - 4.1. Description: This scenario describes the situation where user is creating a channel and automatically becoming a moderator for this channel, being able to add/delete users.
 - 4.2. User creates a new channel by clicking the plus button on the channels list.
 - 4.3. User becoming a moderator and choosing all the specifications for the channel.
 - 4.4. Moderator adds users by username
 - 4.5. Moderator promotes another user to a moderator.
 - 4.6. Second moderator has all the rights as a first one.
5. Post conditions: Channel is created and users are there and are able to send messages.

USE CASE 6: user changing their status.

1. Actor: registered, logged-in user
2. Use case overview: user changing their status from online to Away/Busy/Appear Offline or user can log out to change account.
3. Flow:
 - 3.1. Description: This scenario describes the situation where user is changing their status.
 - 3.2. In settings User chooses the status they want to be shown to other users.
4. Post conditions: User is logged out or changed status shown to others

USE CASE 7: proper language filtering.

1. Actor: registered, logged-in user
2. Use case overview: user changing their personal filtering preference of proper language.
3. Flow:
 - 3.1. Description: This scenario describes the situation where user is turning their proper language filter on.
 - 3.2. In settings User chooses the filter to be on or off
4. Post conditions: User will receive any message containing a bad word in a censored form with a word censored by asterisks like "b***h".

USE CASE 8: message translation option.

5. Actor: registered, logged-in user
6. Use case overview: user changing their personal filtering preference of proper language.
7. Flow:
 - 7.1. Description: This scenario describes the situation where user is turning their language filter on that allows all incoming messages to be translated into the chosen language despite the original language.
 - 7.2. In settings User chooses the language to be OFF or one of the 12 languages: Czech / Danish / Dutch / English / Finnish / French / German / Hindi / Italian / Polish / Spanish / Tagalog.
8. Post conditions: User will receive any message translated to a chosen language despite the original language of the message.

USE CASE 9: password change.

- 9. Actor: registered, logged-in user
- 10. Use case overview: user changing their personal password for logging in.
- 11. Flow:
 - 11.1. Description: This scenario describes the situation where user changing their password.
 - 11.2. In settings user choses an option to change the password.
 - 11.3. User enters old password.
 - 11.4. User enters desired password.
 - 11.5. User confirms.
- 12. Post conditions: Users password is changed is the database.