

- 1) Description.
- 2) Pre-conditions.
- 3) Main flow of events.
- 4) Alternative flows of events.
- 5) Post-conditions.

## 1. Sign up

- 1) This UseCase allows user to enter your temporary nickname.
- 2) Pre-conditions:
  - Downloaded app.
  - HasWiFi connection.
  - Non-registered user.
- 3) Main flow of events:
  - UseCase starts when user opens the app.
  - User sees a window to set a nickname.
  - The app gets information about other users.
  - The app compares nickname with existing.
  - Success registration.
  - UseCase is finished.
- 4) Alternative:
  - UseCase starts when user opens the app.
  - User sees a window to set a nickname.
  - The app gets information about other users.
  - The app compares nickname with existing.
  - Unsuccess registration.
  - User sees alert "This nickname is already used. Enter another nickname."
  - User sees a window to set a nickname again.
  - UseCase is finished.
- 5)

## 2. Choose companion

- 1) This UseCase allows user to choose a companion to chat
- 2) Pre-conditions:
  - Has WiFi connection.
  - Registrated user.
- 3) Main flow of events:
  - UseCase starts when user has been registrated successfully.
  - User sees the list of others registrated users.
  - User choose sought-for nickname.
  - UseCase is finished.
- 4) Alternative:
  - UseCase starts when user has been registrated successfully.
  - User sees the list of others registrated users.
  - User choose sought-for nickname.
  - User sees alert "This user is already has connection with other user."
  - User sees the list of others registrated usersagain.

- UseCase is finished.

Alternative:

- UseCase starts when user has been registered successfully.
- User sees the list of others registered users.
- User choose sought-for nickname.
- User sees alert “This user didn’t allow the connection.”
- User sees the list of others registered users again.
- UseCase is finished.

5)

### 3. Send messages

1) This UseCase allows user to chat with other users.

2) Pre-conditions

- Has WiFi connection.
- Registered user.
- Has connection with other user.

3) Main flow of events:

- UseCase starts when other user allows the connection to chat.
- User sees the chat window.
- User enters message.
- User clicks a button “Send”.
- UseCase is finished.

4)

5)