Task 1. Define user personas

User1

1. Identifiers
   - Denis
   - Photo
   - Mobile phone number
2. General information
   - Male
   - 33 years
   - Kyiv, Ukraine
   - Driver
   - Native language – Ukrainian
3. Education
   - Technical college
4. Hobbies
   - Read news
5. Additional information
   - Low vision

Expected features and scope of use of them (*)

   - Location sharing with GPS, Wi-Fi and mobile internet problems (for job as work instrument)
   - Searching the subject groups (hobbies and entertainment searching)
   - Sorting contacts by markers (ordering of the work contacts)
   - App scale changing (according to the vision features)

User2

1. Identifiers
   - Olena
   - Photo
   - Mobile phone number
2. General information
   - Female
   - 21 years
   - Lviv, Ukraine
   - Shop-assistant
   - Native language – Russian
3. Education
   - University
4. Hobbies
   - Horrors
   - Studying languages
5. Additional information
   - Manager of the online shop

Expected features and scope of use of them (*)

- Conference calls (workflow coordination)
- Searching by tags (fast searching of the product posts in groups and channels)
- Adding of admins to the channel (delegation of admin rights to the coworkers)
- Additional authentication (security requirement to the business account)
- Chat bot creating (customers service quality improvement)
- Loading the product info to the channel

Task 2. Document user stories for features user personas demand

As a driver User1 wants to share location with users, so that to find the best route to them

As a news reader User1 wants to find interest groups by keywords, so that to finding relevant information

As a user with low vision User1 wants to increase font scale, so that to make reading easier

As an admin of the channel User2 wants to add materials about the products to the channel, so that to fast informing of the users about the products

As a student User2 wants to change the app language, so that to study this language

Task 3. Document test cases for user stories

1. As a driver User1 wants to share location with users, so that to find the best route to them

TestCase1

Summary
Sharing the location with the user

Preconditions
GPS of User1 is disabled, Wi-Fi network is disconnected, 2G mobile internet is disabled

Steps	Expected results
1. Send the geo position to the user	The location of the User1 isn't defined on the map

TestCase2
Summary
Sharing the location with the user

Preconditions
GPS of User1 is enabled, Wi-Fi network is disconnected, 2G mobile internet is disabled

Steps	Expected results
1. Send the geo position to the user	The location of the User1 is defined on the map with delay. The area of the location isn't displayed on the map

TestCase3
Summary
Sharing the location with the user

Preconditions
GPS of User1 is enabled, Wi-Fi network is connected, 2G mobile internet is disabled

Steps	Expected results
1. Send the geo position to the user	The location of the User1 is defined on the map. The area of the location is displayed on the map

TestCase4
Summary
Sharing the location with the user

Preconditions
GPS of User1 is enabled, Wi-Fi network is disconnected, 2G mobile internet is enabled

Steps	Expected results
1. Send the geo position to the user	The location of the User1 is defined on the map with delay. The area of the location is displayed on the map

2. As a news reader User1 wants to find interest chats by keywords, so that to finding relevant information

TestCase1
Summary
Chats searching by positive scenario

Preconditions
Search field is active

Steps	Expected results
1. Enter the valid name of the chat into the search field	The search result is displayed on the screen

TestCase2
Summary
Chats searching by negative scenario

Preconditions
Search field is active

Steps	Expected results

1. Enter the invalid data (special symbols) into the search field	The search result isn't displayed on the screen. The "No results" message is displayed on the screen

3. As a user with low vision User1 wants to increase the font scale, so that to make reading easier

TestCase1
Summary
Changing the font scale to the maximum level

Preconditions
The app settings are opened

Steps	Expected results
1. Set the font scale value to the maximum	The font size is displayed in the example area
2. Open the chat	The text font size is increased accordingly to the settings

4. As a student User2 wants to change the app language, so that to study this language

TestCase1
Summary
Setting the app setting by the positive scenario and negative scenario

Preconditions
The app settings are opened

Steps	Expected results
1. Enter the English language into the language search field	English is displayed in the language list
2. Set the app language to English	The English is chosen in the language list. App is localized in English
3. Enter the Chinese into the language search field	No results

5. As an admin of the channel User2 wants to add materials about the products to the channel, so that to fast informing of the users about the products

TestCase1
Summary
Checking the sending of the pictures to the chat on the flagman device

Preconditions
100 pictures are available 100 Mb totally

Steps	Expected results
1. Sent 100 pictures to the chat	Time of sending is less than 1 minute

Summary
Checking the sending of the pictures to the chat on the low-end device

Preconditions
100 pictures are available 100 Mb totally

Steps	Expected results
1. Sent 100 pictures to the chat	Time of sending is more than 1 minute

Task 4. QA process ideas

First of all, need get to know the model of creating of our product (according to SDLC) and the developers team. After that with the team we should setup the deadline for the testing. Next step will be the creation of the test plan, that will assign time, team and targets of testing. Accordingly to the test plan, we can create test documentation and execute tests.