

Required Software Requirements

Login Requirements

- The system must work with a database.
- The system must allow users to register in the system.
- The system must allow users to sign in to an existing account.
- The system must allow users to sign out.

Messaging Requirements

- The system must allow users to send a new text message to another single user.
- The system must allow users to send a new text message to a group of users.
- The system must allow users to send a text message in a current thread¹.

Other Requirements

- The system must allow users to see a list of previous message threads.

Recommended Software Requirements

Login Requirements

- The system must allow users to reset their passwords.
- The system must include error prevention.
- The system must allow users to delete their accounts.

Messaging Requirements

- The system must allow users to 'react' to a text message.
- The system must allow users to rename a group.

Other Requirements

- The system must allow users to see a list of contacts

Advanced Software Requirements *(not mandatory - for experienced students)*

Please note, the advanced list is not exhaustive and serves solely as an inspiration. Therefore, if you have other ideas for expanding the system, you are welcome to include them.

It should also be noted that these extensions should not be incorporated until the required/recommended software requirements are fulfilled.

Messaging Requirement

- The system must allow users to send visual content to another user.
- The system must allow users to pin a message.
- The system must allow users to see who has read their message.

Notification Requirements

- The system must notify users of recent messages.

¹ A thread is defined as a series of text messages to the same recipient(s) where the number of messages is above 0.