

## Implementation Status

UC1: User Logs In: **Implemented**  
UC2: User Views Subscription Messages: **Implemented**  
UC3: User Subscribes to Topic: **Implemented**  
UC4: User Unsubscribes From Topic: **Implemented**  
UC5: User Creates Topic: **Implemented**  
UC6: User Deletes Topic: **Deprecated**  
UC7: User Publishes Message: **Implemented**  
UC8: User Views Subscriptions: **Implemented**  
UC9: User Views Topics: **Implemented**  
UC10: User Adds Default Message: **Implemented**  
UC11: User Views Default Messages: **Implemented**  
UC12: User Changes Welcome Message: **Implemented**  
UC13: User Views Topic History: **Implemented**  
UC14: User Deletes Default Message: **Implemented**  
UC15: User Toggles AutoRun: **Implemented**

## Fully Dressed Use Cases

[Complete] UC1: User Logs In

**Last Update:** Brent Nelson, 6 July 2020 5:34 p.m.

**Scope:** Client Project

**Level:** User Goal

**Primary Actor:** User

**Stakeholders and Interests:**

- **User:** Needs to log into the app

**Preconditions:** User is running the application on a standard, fair computer.

**Success Guarantee (or Postconditions):** User has selected a profile to use and is presented with the main menu

**Main Success Scenario:**

1. User opens application..
2. System presents a list of pre-existing profiles and the option to create a new one.
3. User selects a pre-existing profile.
  - 3.1. (Alternate): User chooses to create a new profile
    - 3.1.1. System asks user for a username
    - 3.1.2. User enters a new username
      - 3.1.2.1. (Alternate): User enters an already taken username.

- 3.1.2.1.1. System informs the user the name is taken.
    - 3.1.2.1.2. Go back to 3.1.1.
  - 3.1.2.2. (Alternate): User enters an invalid username
    - 3.1.2.2.1. System informs the user the name is invalid
    - 3.1.2.2.2. Go back to 3.1.1
- 3.1.3. System creates the new profile.
- 4. System presents the user with the main menu.
  - 4.1. (Alternate): The selected profile is deleted during the selection process
    - 4.1.1. The user is informed the profile has been deleted
    - 4.1.2. Go Back to 2.

**End.**

**Frequency of Occurrence:** As desired by User. Potentially multiple times a day.

**Open Issues:**

- N/A

## [Complete] UC2: User Views Subscription Messages

**Last Update:** Brent Nelson, 6 July 2020 6:24 p.m.

**Scope:** Client Project

**Level:** User Goal

**Primary Actor:** User

**Stakeholders and Interests:**

- **User:** Wants to view messages from their subscriptions

**Preconditions:** User has made the selection from the main menu to view their messages

**Success Guarantee (or Postconditions):** User has viewed messages from the desired subscription.

**Main Success Scenario:**

1. User selects from the main menu to view their messages.
2. System presents a list of all the user's subscriptions.
3. User selects a subscription.
4. System presents a list of all the messages received since the user subscribed.

**End.**

**Frequency of Occurrence:** As often as they wish to see messages from their subscriptions.

**Open Issues:**

- N/A

### [Complete] UC3: User Subscribes to Topic

**Last Update:** Brent Nelson, 13 July 2020 6:54 p.m.

**Scope:** Client Project

**Level:** User Goal

**Primary Actor:** User

**Stakeholders and Interests:**

- **User:** Wants to subscribe to a topic

**Preconditions:** User has made the selection from the manage subscriptions menu to add topics.

**Success Guarantee (or Postconditions):** User has subscribed to their desired topics.

**Main Success Scenario:**

1. User selects from the main menu to manage their subscriptions.
2. User selects from the manage subscriptions menu to subscribe to new topics
3. System lists available topics to subscribe to
  - 3.1. (Alternate) System informs user there are no topics to choose from.
  - 3.2. (Alternate) System informs user that they have subscribed to every topic already.
4. User selects a topic
5. System confirms the selection by displaying the topic's welcome message.

**End.**

**Frequency of Occurrence:** When the user wishes to subscribe to a new topic.

**Open Issues:**

- N/A

### [Complete] UC4: User Unsubscribes From Topic

**Last Update:** Brent Nelson, 6 July 2020 6:43 p.m.

**Scope:** Client Project

**Level:** User Goal

**Primary Actor:** User

**Stakeholders and Interests:**

- **User:** Wants to subscribe to a topic

**Preconditions:** User has made the selection from the manage subscriptions menu to unsubscribe from topics.

**Success Guarantee (or Postconditions):** User has unsubscribed from their desired topics.

**Main Success Scenario:**

1. User selects from the main menu to manage their subscriptions.
2. User selects from the manage subscriptions menu to unsubscribe from a topic
3. System lists available topics to unsubscribe from
4. User selects a topic
  - 4.1. (Alternate) user goes back without selecting a topic

**End.**

**Frequency of Occurrence:** When the user wishes to unsubscribe from a topic.

**Open Issues:**

- N/A

[Complete] UC5: User Creates Topic

**Last Update:** Brent Nelson, 6 July 2020 8:51 p.m.

**Scope:** Client Project

**Level:** User Goal

**Primary Actor:** User

**Stakeholders and Interests:**

- **User:** Wants to create a topic

**Preconditions:** User has made the selection from the manage topics menu to create a new topic

**Success Guarantee (or Postconditions):** User has created a new topic

**Main Success Scenario:**

1. User selects from the main menu to manage their topics
2. User selects from the manage topics menu to create a new topic
3. System asks for a topic name
4. User enters a name
5. The topic is created with the given name
  - 5.1. (Alternate) The topic name is already taken
    - 5.1.1. System informs the user that the name is taken
    - 5.1.2. Go Back to 3.
  - 5.2. (Alternate) The user gives an invalid name
    - 5.2.1. System informs the user that the name is invalid
    - 5.2.2. Go Back to 3.
  - 5.3 (Alternate) The user cancels the creation

5.3.1. The user is brought back to the previous menu.

**End.**

**Frequency of Occurrence:** When the user wishes to create a topic.

**Open Issues:**

- N/A

### [Deprecated] UC6: User Deletes Topic

**Last Update:** Brent Nelson, 9 July 2020 1:28 p.m.

**Scope:** Client Project

**Level:** User Goal

**Primary Actor:** User

**Stakeholders and Interests:**

- **User:** Wants to delete a topic

**Preconditions:** User has made their way to the topic settings menu.

**Success Guarantee (or Postconditions):** User has deleted a topic

**Main Success Scenario:**

1. User selects from the topic settings menu to delete the topic
2. User is asked to confirm that they want to delete the topic
3. User confirms and the topic is deleted
  - 3.1. User cancels the deletion
4. User is brought back to the manage topics menu.

**End.**

**Frequency of Occurrence:** When the user wishes to delete a topic.

**Open Issues:**

- N/A

### [Complete] UC7: User Publishes Message

**Last Update:** Brent Nelson, 11 July 2020 5:16 p.m.

**Scope:** Client Project

**Level:** User Goal

**Primary Actor:** User

**Stakeholders and Interests:**

- **User:** Wants to send a message to their subscribers

**Preconditions:** User has made the selection from the previous menu to send a message on a particular topic

**Success Guarantee (or Postconditions):** User has sent a message to their subscribers that the subscribers can view at their leisure.

**Main Success Scenario:**

1. System asks the user for a message to send.
2. User enters the message.
3. System sends the message to the subscribers
  - 4.1. (Alternate) User cancels the message
4. User is brought back to the previous menu.

**End.**

**Frequency of Occurrence:** When the user wishes to send a message to their subscribers.

**Open Issues:**

- N/A

## Brief Use Cases

[Complete] UC8: User Views Subscriptions:

User selects from a menu to view their subscriptions. The system shows a list of all the topics to which the user is subscribed.

[Complete] UC9: User Views Topics:

User selects from a menu to view their topics. The system shows a list of all the topics that the user owns.

[Complete] UC10: User Adds Default Message:

User selects from a menu to add a default message. The system asks the user for a message. The user enters a message. The system confirms the addition of the message.

[Complete] UC11: User Views Default Messages:

User selects from a menu to view the default messages for the topic. The system shows a list of all the default messages for that topic, or the system informs the user that there are no default messages to display.

[Complete] UC12: User Changes Welcome Message:

User selects from a menu to change the welcome message for the topic. System tells what the current welcome message is and asks for a new one. User enters a new welcome message. System confirms the change.

[Complete] UC13: User Views Topic History:

User selects from a menu to view the message history of the topic. Either the system shows a list of all the messages a topic has sent or it informs the user that there are no messages to show.

## Casual Use Cases

[Complete] UC14: User Deletes Default Message:

1. User selects from a menu to delete a default message
2. System tells the user there are no default messages to delete
  - 2.1.(Alternate) System presents the user with default messages to choose from
    - 2.1.1. The user selects a message to delete
    - 2.1.2. The system confirms the deletion of the message
    - 2.1.3. The system turns off auto run because there are no more default messages to send.
      - 2.1.3.1. (Alternate) The system does not turn off auto run because there are still default messages left.

**End.**

[Complete] UC15: User Toggles Auto Run:

1. User selects from a menu to toggle auto run
2. The system turns auto run from on to off and tells the user
  - 2.1. (Alternate) The system turns auto run from off to on and tells the user
  - 2.2. (Alternate) The system informs the user that auto run cannot be enabled because there are no default messages to send.

**End.**