Iteration 4 - Requirements Proposal

Team ID/Name: A1

TA Name: Dimitris Sarlis

Student	Proposal	Approved
Name: Pan Li	**Step 1:** Use Case Name: Delete Individual Message Use Case Brief Description: Use Case Brief Description: This use case allows citizen to delete the messages that he/she sent in chat publicly and chat privately functionalities. Once the message deleted by the sender, cannot display anymore. (Only the sender can see delete button behind each message, and once click on delete button, there will be a pop window to confirm and delete that message from database.) Additional feature: citizen can delete the whole conversations in chat privately functionalities.	Y Value: 3
	Faculty/TA Comments: Approved. Maybe you can add a feature of multiple deletion of messages. That would be cool.	
	Step 2: UI Mockups Link: (Updated) https://www.fluidui.com:443/editor/live/preview/p_9f8xFWZA7LJ5qqwdtbPf8GgN3zg4JdAB	Y Value*: 0.6
	Faculty/TA Comments: Approved. I think you are not supporting the multiple deletion feature. You can add this probably.	
	Step 3: Elaboration - Use Case Specification See below (Updated)	Y Value*: 0.8
	Faculty/TA Comments:	

*Value point might be revisited as the target user has a better understanding of the functionality.

Use Case Specification: Delete Message and Announcement

Participating Actors
The use case is initiated by a Citizen (In future implement, "Delete Announcement" can only be done by Monitor).

Brief Description
This use case allows the citizens to delete one or more messages in public chat conversation or private chat conversation and delete multiple announcements. In that case, the citizen can select to delete one or more messages that he/she sent. As for the announcement, the citizen (Monitor, in future iterations) can select a range of dates to delete multiple announcements. All of the selected messages and announcements will be deleted from the database once the citizen click the confirm button and the operation is irrevocable.

<u>Assumption</u>
The Citizen is logged into the system.

<u>Flow of Events</u>

<u>Basic Flow</u>

       1. The use case starts when the citizen elects to click on "Delete Message" button in chat public/private conversation.

       2. The system will re-display all messages and, if the sender of message is current citizen, there will be a clickable checkbox appears in the front.

       3. The Citizen clicks on checkbox if the citizen wants to delete the message and clicks on "Delete All" button.

       4. The system will display a pop window to confirm whether the citizen wants to delete those messages.

       5. The Citizen clicks on "Yes, delete it" button.

       6. The system will remove that message from database and it will no longer show up in the chat room.

<u>Alternative Flows</u>

       ● A1. In Step 3-6, the Citizen can click the "cancel" button and the pop-up window disappears and nothing changes.

       ● A2. In Step 3-4, if the Citizen does not choose any message to delete and clicks on "Delete All" button, the system will display a pop window to warning prompt that "You must choose at least one message to delete!"

       ● A2. In Step 1-6, if the Citizen (Monitor in future iteration) is in Post Announcement page and want to manage the expiration announcement (according to the timeliness of announcement), the Citizen also can click on "Delete Announcement" button to delete the multiple announcements by time range. There will display a form and the Citizen can chose the date using datepicker. Once the Citizen clicks on "Delete All" button, (If there is no message in that date range, the system will display a error alert.) the system will display a pop-up hint box to ask Citizen whether confirm the deletion of those announcement. After the Citizen clicks on "confirm" button, the particular messages in that date range do not exist anymore.

<u>Rules</u>

       ● The checkbox will only appear next to each chat message for the message sender, which means, only the sender has the permission to delete the message from the database by clicking checkbox in public/private chat room.

       ● The date range picker will be clickable when it is prior to today. And the end date must be greater than start date.