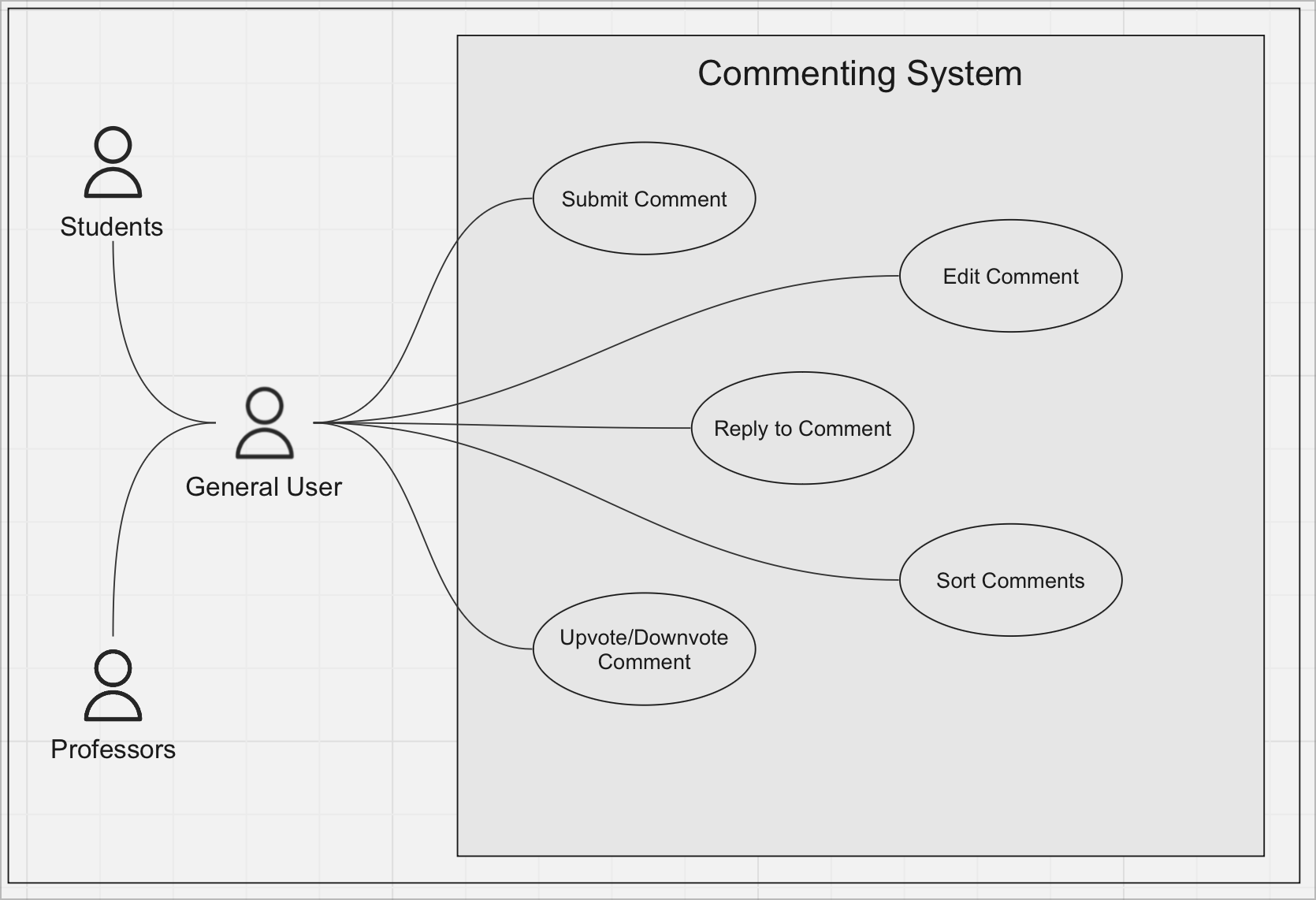
**Commenting System**



[Link to Miro Board](https://miro.com/app/board/uXjVNZ96xM0=/)

**Use Case Descriptions**

**Submit Comment**

* **Name/Title:** Submit Comment
* **ID:** 2137009
* **Description:** Users can post a comment on a feedback to share additional insights, agree or disagree with the original feedback, or simply partake in the discussion. Posting a comment fosters an environment of open communication and interaction.
* **Precondition:** User is logged in and is viewing a feedback.
* **Success Postcondition:** Comment is added below the feedback or under the specific thread.

| Step | Actor | System | Description |
| --- | --- | --- | --- |
| 1 | User |  | Decides to submit a comment on a feedback |
| 2 | User |  | Navigates to the comment section below the feedback |
| 3 |  | System | Displays comment input area |
| 4 | User |  | Enters the comment into the input area |
| 5 | User |  | Clicks 'Submit Comment' or 'Post' button |
| 6 |  | System | Validates that the user is logged in |
| 7 |  | System | Saves the comment to the database |
| 8 |  | System | Adds the new comment below the feedback or in the thread |
| 9 |  | System | Displays a confirmation message that the comment was added |
| 10 |  | System | Updates the number of comments if displayed |

**Edit Comment**

* **Name/Title:** Edit Comment
* **ID:** 2137010
* **Description:** Users can modify their previously posted comments to correct, clarify, or update their statements. This ensures that the discourse remains accurate and relevant over time.
* **Precondition:** User is logged in and wants to make changes to their own comment.
* **Success Postcondition:** The selected comment is updated with the new text.

| Step | Actor | System | Description |
| --- | --- | --- | --- |
| 1 | User |  | Decides to edit their comment |
| 2 | User |  | Clicks on 'Edit' button next to their comment |
| 3 |  | System | Displays comment edit input box with current comment text |
| 4 | User |  | Modifies the comment text |
| 5 | User |  | Clicks 'Save Changes' |
| 6 |  | System | Validates the changes and checks for any restrictions |
| 7 |  | System | Updates the comment with the new text |
| 8 |  | System | Displays a confirmation message that the comment was updated |
| 9 |  | System | Displays the updated comment in place of the old one |

**Reply to Comment**

* **Name/Title:** Reply to Comment
* **ID:** 2137011
* **Description:** Users can post a direct response to an existing comment. This nested commenting structure promotes organized and threaded conversations, mirroring real-life dialogues.
* **Precondition:** User is logged in and wants to respond to a specific comment.
* **Success Postcondition:** The response is positioned directly under the targeted comment.

| Step | Actor | System | Description |
| --- | --- | --- | --- |
| 1 | User |  | Decides to reply to an existing comment |
| 2 | User |  | Clicks on 'Reply' button next to the specific comment |
| 3 |  | System | Displays reply input box associated with the comment |
| 4 | User |  | Enters their response into the reply input box |
| 5 | User |  | Clicks 'Post Reply' |
| 6 |  | System | Validates the reply text and checks that user is logged in |
| 7 |  | System | Saves the reply to the database |
| 8 |  | System | Positions the response directly under the targeted comment |
| 9 |  | System | Displays a confirmation message that the reply was posted |

**Sort Comments**

* **Name/Title:** Sort Comments
* **ID:** 2137012
* **Description:** Users can rearrange comments based on criteria like newest, oldest, or most upvoted to tailor their reading experience. Sorting makes it easy for users to locate comments of interest or gauge community sentiments.
* **Precondition:** User is logged in and is viewing a thread of comments.
* **Success Postcondition:** Comments are sorted based on user preference.

| Step | Actor | System | Description |
| --- | --- | --- | --- |
| 1 | User |  | Decides to sort the comments in a specific order |
| 2 | User |  | Selects the sorting criteria (e.g., newest, oldest, most upvoted) |
| 3 |  | System | Displays sorting options to the user |
| 4 | User |  | Chooses a sorting option from the available criteria |
| 5 |  | System | Retrieves comments based on the selected sorting criteria |
| 6 |  | System | Sorts the comments accordingly |
| 7 |  | System | Displays the sorted comments to the user |

**Upvote/Downvote Comment**

* **Name/Title:** Upvote/Downvote Comment
* **ID:** 2137013
* **Description:** Users can express approval or disapproval on a comment. This voting mechanism acts as a tool for the community to self-moderate and highlight valuable contributions, helping to elevate the quality of the discussion.
* **Precondition:** User is logged in and wants to rate a specific comment.
* **Success Postcondition:** The comment’s vote count reflects the user’s choice, either increasing or decreasing by one.

| Step | Actor | System | Description |
| --- | --- | --- | --- |
| 1 | User |  | Decides to upvote or downvote a comment |
| 2 | User |  | Clicks on 'Upvote' or 'Downvote' button next to the comment |
| 3 |  | System | Validates that the user has not already voted on this comment |
| 4 |  | System | Processes the upvote or downvote |
| 5 |  | System | Updates the comment’s vote count to reflect the user’s choice |
| 6 |  | System | Displays the updated vote count next to the comment |
| 7 |  | System | Provides visual confirmation of the vote (e.g., highlighted button) |