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| **Use Case “Update group chat name”**   1. **Use case code**   UC00X   1. **Brief Description**   This use case describes the interaction between group owner and chatting app when group owner wishes to update group chat name   1. **Actors**   **Group owner**   1. **Preconditions**  * The group owner must be logged into the messaging app * The group owner must be the owner of the group  1. **Basic Flow of Events** 2. Group owner selects the option to edit the group chat name in the group chat options 3. Chatting app displays the group name editing interface 4. Group owner enters the new name for the group chat (see Table 2) 5. Group owner confirms the update 6. Chatting app checks the validity of the new name 7. Chatting app updates the group chat name to the new one entered by the group owner 8. **Alternative flows**   Table N-Alternative flows of events for UC Update group chat name   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No** | **Location** | **Condition** | **Action** | **Resume location** | |  | At Step 6 | If the app notices that new name is the same as the current name | * The app notifies that the new name is the same as the current name | Resumes at Step 2 | |  | At Step 6 | If the app notices that the new name is empty | * The app notifies that a name must be entered | Resumes at Step 2 | |  | At Step 4 | If the group owner cancel the update | * Chatting app stays at the use case “View group chat” | Use case ends |  1. **Activity diagram**   **A screenshot of a diagram  Description automatically generated**   1. **Input data**   Table 2-Input data of group name   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** | |  | Group’s new name |  | Yes |  | Group 1 SE |  1. **Postconditions**  * The group chat name is successfully updated to the new name entered by the group owner * The updated group chat name is reflected in the group owner's chat list and all other members' chat lists |