|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Use Case “Add member”**   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 add a member to group chat.   1. **Actors**   **Group owner**   1. **Preconditions**  * The group owner must be logged into the chatting app. * The group owner must be the owner of the group  1. **Basic Flow of Events** 2. Group owner selects the option to add a member in the group chat options 3. Chatting app displays the add member interface 4. Group owner enters and submits the information of the user he wants to add (see Table 2) 5. Chatting app checks the information of the added user 6. Chatting app displays the corresponding user information(see Table 3) 7. Group owner asks to add member 8. Chatting app adds the user to the group 9. **Alternative flows**   Table 1-Alternative flows of events for UC Add member   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No** | **Location** | **Condition** | **Action** | **Resume location** | |  | At Step 5 | If the entered information of the user to be added is incorrect | * The app prompts the group owner to re-enter the information | Resumes at Step 2 | |  | At Step 5 | If the user to be added is already a member of the group | * The app prompts the group owner that the user is already in the group and stays at the use case “View group chat” | Use case ends |  1. **Activity diagram**   **A diagram of a diagram  Description automatically generated**   1. **Input data**   Table 2-Input data of user information   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** | |  | User name |  | Yes |  | Do Minh Hieu |  1. **Output data**   Table 3-Output data of user information   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No** | **Data fields** | **Description** | **Display format** | **Example** | |  | User image |  | Image |  | |  | User name |  |  | Do Minh Hieu |  1. **Postconditions**   The user is successfully added into the group, gains access to the group's conversations and shared media, and becomes visible in the group's member list. |