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| Use case name: | Invite user to workspace | |
| Scenario: | Workspace admin invite user to a workspace | |
| Triggering event: | Workspace admin want to invite a user to a workspace | |
| Brief description: | The admin will invite a user either with email or link | |
| Actors: | Workspace admin | |
| Related use cases: | Join workspace | |
| Stakeholders: | Workspace admin, workspace member, invited user | |
| Preconditions: | -The workspace must exist.  -The invited user must have CHello account.  -The invited user must not be workspace’s member and admin | |
| Postconditions: | -The workspace is added new member  -All the workspace member and admin will be notified about new member through notification | |
| Flow of activities: | Actor | System |
| 1. Workspace admin choose invite member button  2. Admin chooses the invitation method  3.1 Admin choose the user to invited  4.2. Admin copy and share the invitation link | 1.1 System prompts user to choose either invite by email or link  3. For inviting by email, system display the uninvited users.  3.2 System validates the inputted email  3.3 System send invitation notification to the targeted user  4. For inviting by link, system generates the invitation link  4.1 System set link’s created time |
| Exception conditions: | 4.1 There is an invitation link created in that workspace | |

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| Use case name: | View Home page | |
| Scenario: | User enter home page | |
| Triggering event: | User want to see all public workspaces | |
| Brief description: | Home page will show all public workspaces and all user’s admin/ member workspaces | |
| Actors: | User | |
| Related use cases: | - | |
| Stakeholders: | User | |
| Preconditions: | -The user must have CHello account.  -The user must already logged in | |
| Postconditions: | -All public workspaces and all user’s admin/ member workspaces will be showed | |
| Flow of activities: | Actor | System |
| 1. User click the home icon | 1.1 System redirect user to home page and showed all public workspaces and all user’s admin/ member workspaces |
| Exception conditions: | - | |

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| Use case name: | Leave workspace | |
| Scenario: | Workspace admin and member leave workspace | |
| Triggering event: | Workspace admin and member want leave workspace | |
| Brief description: | Member or admin of the workspace want to leave. For admin, there will be a validation. | |
| Actors: | Workspace member | |
| Related use cases: | Delete workspace | |
| Stakeholders: | Workspace member | |
| Preconditions: | -Workspace must be valid | |
| Postconditions: | -Member or admin will be removed from the workspace’s data  -Delete workspace (optional) | |
| Flow of activities: | Actor | System |
| 1. User click the Home Button  2. User selected the workspace and click the leave button  2.3 User click the confirmation button | 1.1 System display all user’s admin and member workspaces  2.1 System show leave workspace modal  2.2 System validate user’s role  3. If user role is member  3.1 Remove user’s data in the workspace’s database  4. If user’s role is admin and there is another admin  4.1 Remove user’s data in the workspace’s database  5. If user’s role is admin, the only admin, and there isn’t another member  5.1 Delete workspace’s data in the database |
| Exception conditions: | If user’s role is admin, the only admin and there is another member | |

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| Use case name: | Move card | |
| Scenario: | Board member or admin move card to another list | |
| Triggering event: | Board member or admin want move card to another list | |
| Brief description: | Board member or admin want to move card to another | |
| Actors: | Board member | |
| Related use cases: | View board content | |
| Stakeholders: | - | |
| Preconditions: | -The board must be existed.  -The card must be existed.  -The user must be a board admin or board member. | |
| Postconditions: | -Card is moved to another list in the same board | |
| Flow of activities: | Actor | System |
| 1. board admin or member move the card to another list | 1.1 System validate wheter the user drop the card into a list  1.2 System update card position in the database and the list |
| Exception conditions: | * 1. User drop the card in invalid place   2. Card is deleted | |

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| Use case name: | Join Workspace | |
| Scenario: | User has been invited to join workspace | |
| Triggering event: | User wants to join workspace | |
| Brief description: | The user has been invited to join workspace with either email or invitation link | |
| Actors: | User | |
| Related use cases: | - | |
| Stakeholders: | User, workspace admin and member | |
| Preconditions: | -The workspace must be existed.  -The user must have CHello  -The user must already logged in.  -The invitation link isn’t expired | |
| Postconditions: | -User joined the workspace | |
| Flow of activities: | Actor | System |
| 1. User receive invitation either with email or invitation link  2. If the invitation is by email, user will open notification  2.1 User accept invitation through notification  4. If the invitation is by link, user click join workspace with link button  4.2 User input link | 3. System input user’s data to the workspace’s member, send notification to all member & admin of the workspace and redirect user to workspace page  4.1 System show join workspace with the link modal  4.3 System validate the link must be valid (existing link and not expired link)  4.4 System input user’s data to the workspace’s member, send notification to all member & admin of the workspace and redirect user to workspace page |
| Exception conditions: | 4.3 Link is expired  4.3 Inputted link is false | |