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| Use case name: | Delete workspace | |
| Scenario: | Workspace admins delete a workspace | |
| Triggering event: | A workspace admin wants to delete a workspace | |
| Brief description: | A workspace admin deletes a workspace that will eventually close the boards inside the workspace. | |
| Actors: | Workspace admin | |
| Related use cases: | Close board, approve delete workspace | |
| Stakeholders: | Board admin, workspace admin, workspace member, board member | |
| Preconditions: | The workspace that needs to be deleted is available. | |
| Postconditions: | The workspace is deleted and the board inside the workspace is closed | |
| Flow of activities: | Actor | System |
| 1. Admin click delete workspace button   2. All admins approve the workspace deletion | * 1. System validates is there are any other workspace admins   2. System notifies other admins regarding the workspace deletion   2.1 System get all admins approvals  2.2 System close all boards inside the workspace  2.3 System delete the workspace |
| Exception conditions: | 2.1 Not all admins are approved to delete workspace | |

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| Use case name: | Leave workspace | |
| Scenario: | Workspace member or admin leaves the workspace | |
| Triggering event: | A workspace member or admin wants to leave a workspace | |
| Brief description: | A member or admin of a workspace leaving the workspace based on several validation about their role and total of the workspace members. | |
| Actors: | Workspace member | |
| Related use cases: | Close board, delete workspace | |
| Stakeholders: | Board admin, workspace admin, workspace member, board member | |
| Preconditions: | The workspace must exist.  The user is either the member or admin of the workspace. | |
| Postconditions: | The user is removed from the workspace.  The workspace is deleted and the board inside the workspace is closed. | |
| Flow of activities: | Actor | System |
| 1. Workspace member or admin indicate desire to leave a workspace  3.1 Admin choose member to grant as workspace admin | 1.1 System validates if the user is member or admin  2. If user is an admin, system validates if there is another admin in the workspace  3. If there is no other admin, system prompts admin to grant admin role to another member  4. System remove the user from the workspace  5. If user is the only one in the workspace, system remove the user from the workspace  5.1 System close all board inside the workspace  5.2 System delete the workspace  5.3 System notify board admin about the closing board |
| Exception conditions: | - | |

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| Use case name: | Join board | |
| Scenario: | A user join board | |
| Triggering event: | A user wants to join a board | |
| Brief description: | A user will join a board based on the user role | |
| Actors: | User | |
| Related use cases: | Invite board member | |
| Stakeholders: | Board admin, workspace admin, workspace member, board member | |
| Preconditions: | The board must exist.  The user must already a workspace member.  The user must login in a chello account. | |
| Postconditions: | The user is added on the board. | |
| Flow of activities: | Actor | System |
| 1. User accept the invitation | 1.1 System validates the user role.  2. System add the user as the board member.  2.1 System redirect user to the board. |
| Exception conditions: | 2. User is not a workspace member. | |

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| Use case name: | Invite to Workspace | |
| Scenario: | A workspace admin invites a user to a workspace | |
| Triggering event: | A workspace admin wants to invite a user to a workspace | |
| Brief description: | A workspace admin invites a user to the workspace based on the chosen invite method. | |
| Actors: | Workspace admin | |
| Related use cases: | Approve or reject workspace invitation | |
| Stakeholders: | Workspace admin, workspace member, targeted user | |
| Preconditions: | The workspace must exist.  The targeted user must login in a chello account. | |
| Postconditions: | Invitation link is generated  Invitation email is send. | |
| Flow of activities: | Actor | System |
| 1. Workspace admin click the invite workspace member button  2.Workspace admin choose the invitation method  3.1 Workspace admin choose the target email  4.3 Workspace admin copy and share the invitation link. | 1.1 System prompts workspace admin to choose the invitation method  3. If the invite method is by email, system display the valid user’s emails.  3.2 System send invitation to the targeted user  4. If the invite method is by link, system generate link  4.1 System set link’s created time  4.2 System show link to be copied |
| Exception conditions: | - | |

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| Use case name: | View Board | |
| Scenario: | A user views a board | |
| Triggering event: | A user wants to view a public board | |
| Brief description: | A user can view or edit board based on the user role. | |
| Actors: | User | |
| Related use cases: | Edit list, edit card | |
| Stakeholders: | Board member | |
| Preconditions: | The board must exist.  The user must login in a chello account.  The user already on the board page. | |
| Postconditions: | The user can only view the board content.  The board member can manage the board content. | |
| Flow of activities: | Actor | System |
| 1. User click the board to view board | 1.1 System validates the board’s visibility.  1.2 System validates the user’s role.  2. If the user is the member of the board, system allow user to manage lists and cards.  2.1 For each edited content, system retrieve updated data  2.2 For each retrieved updated data, system show newest data.  3. If the board is public and the user is apart from admin, system display the board’s contents.  3.1 For each edited content, system retrieve updated data  3.2 For each retrieved updated data, system show newest data.  4. If the board is workspace-visible and the user is the workspace member or admin, system display the board’s contents.  4.1 For each edited content, system retrieve updated data  4.2 For each retrieved updated data, system show newest data. |
| Exception conditions: | 2.1 If there is error in the edited content, system will display the old data  3.1 If there is error in the edited content, system will display the old data  4.1 If there is error in the edited content, system will display the old data | |