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| **Use Case** | Delete Workspace | |
| **Scenario** | Delete existing workspace | |
| **Triggering Event** | A workspace admin wants to delete a workspace | |
| **Brief Description** | An admin in a workspace wants to delete the workspace. If there exists other admins, then those admins will be notified. If all admins aggreed to delete the workspace than all boards in the workspace will be closed. | |
| **Actors** | Workspace Admin | |
| **Related Use Case** | Close Board | |
| **Stakeholders** | Workspace Members  Other Workspace Admin  Other Users | |
| **Preconditions** | Workspace must exists | |
| **Postconditions** | Workspace is deleted.  All members and admins cannot access workspace anymore. | |
| **Flow of Activities** | **Actor** | **System** |
| 1. User opens workspace  2. User clicks delete workspace button. | 2.1 Check if user is admin  2.2 Check database for other admins in the workspace and notify them. If there are no other admins immediately delete the workspace.  2.3 Delete Workspace |
| **Exception Conditions** | 2. User is not admin | |

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| **Use Case** | Close Board | |
| **Scenario** | Close a board | |
| **Triggering Event** | A board admin decides to close the board. | |
| **Brief Description** | An admin in a board decides to close the board. A closed board can still be seen by the board admin and can be reopened in any existing workspace. | |
| **Actors** | Board Admin | |
| **Related Use Case** | Delete Workspace | |
| **Stakeholders** | Board Members, Other Board Admins, Other User | |
| **Pretconditions** | User must be the board’s admin.  Board must exist | |
| **Postconiditons** | Board is in closed board list | |
| **Flow of Activities** | **Actor** | **System** |
| 1. User opens board.  2. User clicks close board button. | * 1. Check if user is admin.   2.2 Close the board  2.3 Add board into the closed board list. |
| **Exception Conditions** | 2. User is not admin and cannot close board. | |

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| **Use Case** | Change Workspace Visibility | |
| **Scenario** | Change visibility for workspace | |
| **Triggering Event** | An admin in the workspace changes the visibility for the workspace. | |
| **Brief Description** | An admin in a workspace decides to change the visibility for that workspace. All boards in the workspace will adjust accordingly. | |
| **Actors** | Workspace Admin | |
| **Related Use Case** | Change Board Visibility | |
| **Stakeholders** | Workspace Members  Other Workspace Admins  Other Non-Member Users | |
| **Preconditions** | Workspace must exist  User must be the workspace’s admin. | |
| **Postconditions** | Board Visibility in the workspace will be changed.  Users who has no access according to the visibility will not be able to see the workspace. | |
| **Flow of Activities** | **Actor** | **System** |
| 1. Open visibility menu  2. Choose visibility | 1.1 Check user role  2.1 Change workspace visibility  2.2 All boards in the database will have it’s visibility changed accordingly  2.3 If chosen visibility is same don’t update else update database. |
| **Exception Conditions** | 1. User is not an admin.  2. User cancels change visibility. | |

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| **Use Case** | Specify Due Date and Time | |
| **Scenario** | Specify due date and time for a card. | |
| **Triggering Event** | Member in the board specified a due date for a card in a list. | |
| **Brief Description** | A member in the board decides to specified a certain due date and time for a card in the list. All watchers for the card will be notified if due date is close according to the reminder specified by them. | |
| **Actors** | Board Member | |
| **Related Use Case** | Create Card | |
| **Stakeholders** | Other Board Member | |
| **Postconditions** | User must be a member in the board. | |
| **Preconditions** | Other board members can see due date and time for card.  Watcher receives notification. | |
| **Flow of Activities** | **Actor** | **System** |
| 1. User opens Date Time menu.  2. User chooses to specific date and time for a card.  3. User specifies reminder time for the due date.  4. User receives reminder notification. | 1.1 Verify user has access  2.1 Due Date and Time is added in the database for the card.  3.1 Verify reminder date time.  3.2 Add the reminder date and time to database.  3.2 If date time is equal to reminder date time then notify all watchers for the card. |
| **Exception Conditions** | * 1. User has no access   3.2 Reminder date and time is not valid, user input again. | |

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| **Use Case** | Add Card Comment | |
| **Scenario** | Add new comment into the card. | |
| **Triggering Event** | Member in the board adds a new comment to a card. | |
| **Brief Description** | A member commented a card in a list. | |
| **Actors** | Board Member | |
| **Related Use Case** | Create Card  Mention User | |
| **Stakeholders** | Other Board Member, Card Watchers, Mentioned User | |
| **Preconditions** | User must be a member in the board. Card must exist. | |
| **Postconditions** | Card will have new comment  Mentioned user and watchers will be notified. | |
| **Flow of Activities** | **Actor** | **System** |
| 1. User clicks on a card on a list.  2. User input card comment | 1.1 Verify if user has access.  2.1 Add comment to the database.  2.2 If user mentions other user notify them  2.3 Notify all watchers for the card. |
| **Exception Conditions** | 2. User cancels input comment | |