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| **Use Case Name** | Edit board visibility | |
| **Scenario** | Change visibility type of a board | |
| **Triggering Event** | User want to select specific type of people who can view his/her board | |
| **Brief Description** | User want to select visibility type/mode for their board which include Viewed by everyone, Viewed by workspace’s member, Viewed by board’s member. | |
| **Actors** | User | |
| **Related Use Cases** | Create Board, Edit Board | |
| **Stakeholders** | User | |
| **Precondition** | User must be the board’s admin | |
| **Postcondition** | Board’s visibility type changed | |
| **Flow of Events** | **Actor** | **System** |
| 1. User click on Edit board visibility  2. User choose one of the visibility option  3. Other users try to find the board | * 1. System show visibility options   for the board  2.1 System change current board visibility type to the type selected by the user  2.2 System show the current board visibility type  2.3 System remove or add users who can access the board  3.1 System validate if user have permission to open the board  3.2 System show the board to the users |
| **Exception Condition** | 2. if user choose the same visibility type as the current visibility type then this process is cancelled.  3.1 If user doesn’t have permission to view the board, then next process won’t be executed. | |

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| **Use Case Name** | Invite user to workspace | |
| **Scenario** | Add new user to workspace | |
| **Triggering Event** | Admin of a workspace want to invite another user that can’t access the workspace | |
| **Brief Description** | User who is an admin of a workspace want to invite another user to his/her workspace so that user can access the workspace | |
| **Actors** | User | |
| **Related Use Cases** | Workspace Membership, Remove Member | |
| **Stakeholders** | User | |
| **Precondition** | User is admin of a workspace | |
| **Postcondition** | User added a new member to the workspace | |
| **Flow of Events** | **Actor** | **System** |
| 1. User open a workspace  2. User click Invite to workspace button  3. User choose method to invite other user  4. User click invite user  5. User wait until the invited user accept the invitation | 1.1 System show the workspace  2.1 System show invite to workspace form  4.1 System check the user already joined  4.2 System sent the invitation to the user  5.1 System will sent notification to all members of workspace |
| **Exception Condition** | 4.1 If user already member of the workspace, then next process won’t be executed  5.1 will be executed when the invited user accept the invitation | |

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| **Use Case Name** | Generate Card Link | |
| **Scenario** | User want the system to generate a invitation link to other user | |
| **Triggering Event** | User want to generate a link for another user to access the card | |
| **Brief Description** | User can generate a link to invite another user to access the card | |
| **Actors** | User | |
| **Related Use Cases** | Create Card, Edit Card, Filter Cards | |
| **Stakeholders** | User | |
| **Precondition** | User must joined a board | |
| **Postcondition** | User invited another user to access the card | |
| **Flow of Events** | **Actor** | **System** |
| 1. User open a board 2. User choose a card 3. User click share button 4. User get the link 5. User send the link to another user | * 1. System open the board   2.1 System show the card  3.1 System open share menu  3.2 System generate card link   * 1. System show the card link   2. System validate the new user   3. System navigate new user to the card   4. System show the card to new user |
| **Exception Condition** | * 1. will be executed when the link is clicked by other user   5.1 If board visibility type is public then execute the next process  5.1 If user isn’t member of the board and board visibility type isn’t public then the next process won’t be executed and system will show error message. | |

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| **Use Case Name** | Insert Comment Card | |
| **Scenario** | Insert a comment on a specific card | |
| **Triggering Event** | User want to insert a comment on card | |
| **Brief Description** | User can insert comment on a specific card | |
| **Actors** | User | |
| **Related Use Cases** | Insert Card Reply, Edit Card, Edit Board Visibility, Assign Watchers | |
| **Stakeholders** | User | |
| **Precondition** | User has a card to comment on | |
| **Postcondition** | User adding some comment to a card | |
| **Flow of Events** | **Actor** | **System** |
| 1. User choose a card  2. User input the comment  3. User click the save button to post the comment | 1.1 System show the comments in the card  3.1 System validate the input  3.2 System highlight the mention  3.3 System notify the mentioned user  3.4 System insert comment on the card  3.5 System notify card watchers  3.6 System show the comment to the user |
| **Exception Condition** | 3.1 If the comment is empty, then the next process won’t be executed  3.1 If the comment include a mention of another user then system will execute next process  3.1 if the comment doesn’t include a mention of another user and not empty then skip to 3.4 process | |

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| **Use Case Name** | Set Due Date/Time | |
| **Scenario** | User want to set a due time for a card and remind users accessing that card before the due time | |
| **Triggering Event** | User want to set a deadline and reminder to complete the task before deadline | |
| **Brief Description** | User can set due time for their cards and the system will remind the users when the due time is near | |
| **Actors** | User | |
| **Related Use Cases** | Create Card, Edit Card | |
| **Stakeholders** | User | |
| **Precondition** | User want to set a deadline on a specific card | |
| **Postcondition** | User mentioning another user | |
| **Flow of Events** | **Actor** | **System** |
| 1. User open a board  2. User choose a card  3. User add a due time on card | 1.1 System show the board  2.1 System show the card  3.1 System validate the time and date  3.2 System set due time on card and notify all users involved  3.3 System will send reminder when the due time is near |
| **Exception Condition** | 3.1 If the time and date is before the current time and date, then next process won’t be executed | |