

sQuire: A Web Based Collaborative Editor  
Homework 4 Individual Work  
Group 3

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# 1 Use Cases

## 1.1 Compiler (boss2849)

# 2 Use Case Descriptions

## 2.1 Project User Management (boss2849)

### 2.1.1 Modify read/write access (boss2849)

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*Actors:* User

*Goals:* Modify a user's permissions.

*Pre-conditions:* User is signed in and holds Admin rights for the currently selected Project

*Summary:* User modifies another User's read/write permissions to portions of the project.

*Related use cases:* None.

*Steps:*

1. User clicks Permissions Management
2. System displays permissions management window
3. User selects a file, multiple files, directory or entirety of project and grants/revokes read/write access
4. System modifies the target User's permissions and notifies them.

*Alternatives:* 3. User selects cancel, System discards changes.

*Post-conditions:* None.

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### 2.1.1.2 Remove User (boss2849)

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*Actors:* User

*Goals:* Remove a user from project.

*Pre-conditions:* User is signed in, in project with Admin rights, and is on User Management page

*Summary:* User removes a selected user from the Project

*Related use cases:* Invite User, Modify Read/Write Access

*Steps:*

1. User clicks Remove User button.
2. System displays list of active users for project.
3. User selects one or more other users from the list and presses Remove.
4. System prompts User for verification.
5. User presses Confirm.
6. System removes the selected users from the project.
7. System revokes read and write access from the selected users.
8. System notifies selected users that they have been removed from the project.

*Alternatives:* User presses Cancel in steps 3 or 5, System returns user to User Management page

*Post-conditions:* None.

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### 2.1.3 Invite User to Project (boss2849)

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*Actors:* User

*Goals:* Invite user(s) to project

*Pre-conditions:* User is signed in, in project with Admin rights, and is on User Management page

*Summary:* User invites user(s) to the current project.

*Related use cases:* Remove User, Join Project

*Steps:*

1. User clicks Invite Users button
2. System prompts user to enter username(s)/email(s)
3. User enters username(s)/email(s) of the user(s) to invite and presses Ok.
4. System looks up the specified user(s) and notifies them of invitation to the Project

*Alternatives:*

1. User presses cancel in step 3, System returns User to User Management page
2. In step 4, username(s)/email(s) don't match any users, System notifies User of failed invitations.

*Post-conditions:* None.

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#### 2.1.4 Promote User to Admin (boss2849)

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*Actors:* User

*Goals:* Promote a specified User to Admin

*Pre-conditions:* User is signed in, in project with Admin rights, and is on User Management page

*Summary:* User selects another User to be given Admin rights for the project.

*Related use cases:* Demote Admin

*Steps:*

1. User selects Promote to Admin.
2. System displays a list of non-Admin active users.
3. User selects user(s) and presses Submit.
4. System prompts user for confirmation.
5. User selects Confirm.
6. System grants Admin permissions to the selected user(s).

*Alternatives:* User presses cancel in steps 3 or 5, no action taken.

*Post-conditions:* None.

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### 2.1.5 Demote Admin (boss2849)

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*Actors:* User

*Goals:* Demote Admin to user

*Pre-conditions:* User is signed in, in project with Admin rights, and is on User Management page

*Summary:* User demotes selected Admins to normal Users for the project.

*Related use cases:* Promote User to Admin

*Steps:*

1. User selects Demote Admin
2. System displays list of Admins
3. User selects Admin(s) to demote and presses Submit.
4. System prompts User for confirmation.
5. User presses Confirm.
6. System revokes Admin rights from selected User(s)

*Alternatives:*

1. User presses cancel in steps 3 or 5, no action taken
2. User attempts to demote Admin that is the Owner of the project, System rejects request and notifies User.

*Post-conditions:* None.

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### 2.1.6 Block User (boss2849)

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*Actors:* User

*Goals:* Block a user from the project

*Pre-conditions:* User is signed in, in project with Admin rights, and is on User Management page

*Summary:* User blocks a user from the project, making them unable to view the project.

*Related use cases:* Demote Admin

*Steps:*

1. User clicks Block User.
2. System displays a list of active users.
3. User selects other user(s) to block and presses Submit.
4. System prompts User for confirmation.
5. User presses Confirm.
6. System blocks selected user(s) from the project, revoking read/write access, and revoking Admin status as necessary.

*Alternatives:* User presses cancel in steps 3 or 5.

*Post-conditions:* None.

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