

Grape Bulletin Operation Use Case Specification Version 1.0

By:

Group Undefined

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Group Member:

Hunter Lin

Birdy

Listen

Morning

Syachi

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1. Leader Shares Files Directly

1.1. Definition

This use case describes the situation that the leader share a file in the group and members in the group will be reminded about it. Then they can enter the download interface to see the filenames and sizes.

1.2. Pre-condition

The user has logged into the system. If the member can't login properly, for example, he fails to input right username and password; he cannot even have access to the system, not to mention operating the function to share files.

The user should be a leader in the group he want to share files with. Only the leader have the authority to share files without other people's permission and he can only share files with the group he is involved in.

The user should also in the group interface at the beginning of the use case.

1.3. Post-condition

When the upload is finished and the system reflect the files change in the group correctly, the use case is over.

1.4. Basic Scenarios

User case name	LeaderSharesFilesDirectly
Actor	a group leader
Entry Condition	The user has logged in and in one of the group interface
Flow of events	<ol style="list-style-type: none"> 1. The leader selects "Share Files" to open the sharing files panel. 2. The leader press "Files" to enter the file system on his terminal. 3. The leader can select the files he want to share. Then the application will return to the sharing files panel with the filenames and sizes displayed on the screen. 4. The leader press "submit" button to upload the files, then the file upload begins and a process bar is showed on the screen. 5. When the process bar is full which means the upload is

finished. The leader press “Finished” and the process bar dismisses, and then back to the sharing panel. Then the system reminds all members included in the group and show the filenames and sizes on the download panel.

6. The leader can press back button to the main interface.

Exit Condition The user in the given group interface and the files have been displayed in the download interface.

Special Requirements None

1.5. Exceptions and Branches

The leader select no files and click “submit” button. If no files is added, the button should be not enabled.

The leader abrupt his uploading. The part that have been uploaded should be abandoned by the system.

The leader pause his uploading. The part that have been uploaded should be reserved by the system until he resume the uploading or abandon it.

1.6. Note

Only the leader can share files directly.

2. Members Share Files Indirectly

2.1. Definition

This use case describes the situation that the member can share a file in the group indirectly and the other members in the group will be reminded about it. Then they can enter the download interface to see the filenames and sizes.

2.2. Pre-condition

The user must have been logged in the system. If the member can't login properly, for example, he fails to input right username and password; he cannot even have access to the system, not to mention operating the function to share files.

The user is a common member in the group he want to share files with. The member can only share files with the group he is involved in. Only common members in the group are limited to

that they need permissions from the leader to share files indirectly while the leader can only share files directly without any permission.

The system is in the group interface.

2.3. Post-condition

The system is in the group interface with the bulletin already modified. When the leader have decided whether the files uploaded should be reserved to be shared, the use case is over.

2.4. Basic Scenarios

User case name	MembersShareFilesIndirectly
Actor	A common member in the group
Entry Condition	The user has logged in and in one of the group interface
Flow of events	<ol style="list-style-type: none"> 1. The member selects “Share Files” to open the sharing files panel. 2. The member press “Files” to enter the file system on his terminal. 3. The member can select the files he want to share. Then the application will return to the sharing files panel with the filenames and sizes displayed on the screen. 4. The member press “submit” button to upload the files, then the file upload begins and a process bar is showed on the screen. 5. When the process bar is full which means the upload is finished. The member press “Finished” and the process bar dismisses, and then back to the sharing panel. Then the system reminds the leader at first. 6. The leader review the files and choose whether the files should be shared or not. If yes, he can press “permit” to make them shared in the group. If no, he can press “deny” to delete the files and system responds to it by deleting the files on the server. 7. If the leader has pressed the “permit” button, system would remind all members included in the group and show the filenames and sizes on the download panel. 8. The member can press back button to the main interface.
Exit Condition	The user in the given group interface and the files have been displayed in the download interface.
Special Requirements	None.

2.5. Exceptions and Branches

The member select no files and click “submit” button. If no files is added, the button should be not enabled.

The member abrupt his uploading. The part that have been uploaded should be abandoned by the system.

The member pause his uploading. The part that have been uploaded should be reserved by the system until he resume the uploading or abandon it.

The leader make no decisions in a long time. After a fixed days without any decision about the files, the system will automatically share the files in the group.

2.6. Note

All the files shared by the common members would only be seen by the other members after the leader permitted the action of sharing files.

3. MemberDownload the Shared Files

3.1. Definition

This use case describes the situation that one members in the group can enter the download interface to choose some files to download. When the download complete, the files would appear in the file system in the member’s terminal.

3.2. Pre-condition

The user must have been logged in the system.If the member can’t login properly, for example, he fails to input right username and password; he cannot even have access to the system, not to mention operating the function to download files.

The user should be in the group he want to download files from. The member can only download files from the group he is involved in

There exists files shared in the group. When there are no files in shared status in the group, the member can’t execute the download function.

3.3. Post-condition

When the download is finished and the files are stored in the file system of member’s terminal, the use case is over.

3.4. Basic Scenarios

User case name	Member Download the Shared Files
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Actor	The user(either a group leader or a member)
Entry Condition	The user has logged in and in one of the group interface
Flow of events	<ol style="list-style-type: none"> 1. The member selects “Download Files” to open the downloading files panel. 2. The member press the files he want to download and the files would be in selected status. 3. The member press “download” to make the choice and a process bar would be displayed on the screen. 4. When the process bar is full which means the download is finished. The user press the “Finished” and the process bar dismisses. Then the files appear in the file system of the member’s terminal. 5. The leader can press back button to the main interface.
Exit Condition	The user in the given group interface and the files have been stored in the local file system.
Special Requirements	None.

3.5. Exceptions and Branches

The member select no files and click “download” button. If no files is added, the button should be not enabled.

The member abrupt his downloading. The part that have been downloaded should be deleted in the member’s file system.

The member pause his downloading. The part that have been downloaded should be reserved by the system until he resume the downloading or abandon it.

3.6. Note

4. Leader Delete the Shared Files

4.1. Definition

This use case describes the situation that the leader can delete some files when they are in shared status. Then the members in the group can’t see the filenames and sizes the download interface any more.

4.2. Pre-condition

The user has logged into the system. If the member can’t login properly, for example, he fails to input right username and password; he cannot even have access to the system, not to mention operating the function to delete files.

The user should be a leader in the group he want to delete files from. Only the leader of the group that he is involved in have the authority to delete files which is being shared with the group.

The user should also in the group interface at the beginning of the use case.

4.3. Post-condition

When members in the group can't see the files that leader has chosen to delete, the use case is over.

4.4. Basic Scenarios

User case name	Leader Delete the Shared Files
Actor	a group leader
Entry Condition	The user has logged in and in one of the group interface
Flow of events	<ol style="list-style-type: none"> 1. The leader selects "Manage Files" to open the managing files panel. 2. The leader press the files he want to delete and the files would be in selected status. 3. The leader press "delete" to make the choice and a dialog box will appear to confirm the action. 4. The leader press "Continue" button to delete the files and the dialog box would dismiss, then the system will delete these files from the download interface on the other members' application. The leader press "Cancel" to cancel the action and the dialog box would dismiss, and then he can change the selections. 5. The leader can press back button to the main interface.
Exit Condition	The user in the given group interface and the files can't be seen in the download interface.
Special Requirements	None

4.5 Exceptions and Branches

The leader select no files and click "delete" button. If no files is added, the button should be not enabled.

The member want to download the files that have been deleted but still on the download panel for he hasn't refreshed the panel. The member would be warned that the files don't exist now and required the refresh the panel

The leader pause his uploading. The part that have been uploaded should be reserved by the system until he resume the uploading or abandon it.

4.6 Note

Only the leader can share files directly.