

Test Case Number	Test Description	Result
<i>Packaging and Launch</i>		
1	The code does not contain errors and is packaged successfully for Linux, macOS, and Windows using the provided build scripts.	PASS
2	Each OS specific version of the desktop app can be launched on Linux, macOS, and Windows.	PASS
<i>User Sign-Up</i>		
3	Providing empty credentials (username and password), an already taken username, or not matching passwords, results in a failed sign-up.	PASS
4	Providing valid credentials (username and password), including matching passwords, results in a successful sign-up.	PASS
<i>User Log-In</i>		
5	Providing empty or invalid log-in credentials (username and password) results in a failed log-in.	PASS
6	Providing valid log-in credentials (username and password) results in a successful log-in.	PASS
7	Upon successful log-in, the user is asked to specify the target directory containing the files for synchronisation (if not already set previously).	PASS
8	Upon successful log-in, and when the target directory containing the files for synchronisation is set, all the local files within that directory are listed.	PASS
9	Upon successful log-in, and when the target directory containing the files for synchronisation is set, all the remote files on the server associated with the current user are listed.	PASS
<i>File Management</i>		
10	Clicking the refresh button will refresh the list of files in the local directory and all the remote files on the server associated with the current user.	PASS
11	If a specific file does not exist on the server, it can be uploaded to the server by double-clicking on the shown upload button.	PASS

12	If a specific file does not exist in the local directory, it can be downloaded to the local directory by double-clicking on the shown download button.	PASS
13	If a specific version of a file exists on both the server and in the local directory, no action can be taken.	PASS
14	If a version of a file exists on the server that is newer than the version of the same file in the local directory, a fix button is shown that can be double-clicked, opening a dialog, to act on the conflict.	PASS
15	Clicking the “Do nothing” button will close the dialog without further action.	PASS
16	Clicking the “Download from server and replace local file” button successfully downloads the new version of the file from the server, replacing the old version of the file in the local directory.	PASS
17	Clicking the “Upload local file and replace server file” button successfully uploads the old version of the file from the local directory, replacing the new version of the file on the server.	PASS
18	Clicking the “See file differences” button, only shown when the file is not a binary, will open a dialog highlighting the differences in content of the local and server file.	PASS
19	In the file list, double-clicking the trash button for a specific file will open a dialog allowing the user to delete that file from the local directory, the server, or both (where applicable).	PASS
20	Clicking the “Oops! Don’t do it!” button will successfully close the dialog without further action.	PASS
21	Provided the file exists in the local directory, clicking the “Delete the local file” button will successfully delete the file from the local directory.	PASS
22	Provided the file exists on the server, clicking the “Delete the server file” button will successfully delete the file from the server.	PASS
23	Provided the file exists in the local directory and on the server, clicking the “Delete both” button will successfully delete the file from the local directory and the server.	PASS
<i>User Log-Out</i>		
24	Clicking the log out button will destroy the current user’s authenticated session and the initial log-in page will be displayed.	PASS

<i>User Delete</i>		
25	Clicking the “Delete account” entry in the app’s menu will delete the currently authenticated user account and all of the files stored on the server associated with the current user.	PASS

Test Case Number	Test Description	Result
<i>Compilation and Launch</i>		
1	The code does not contain errors and is compiled successfully for Android.	PASS
2	The mobile app can be launched on Android.	PASS
<i>User Sign-Up</i>		
3	Providing empty credentials (username and password), an already taken username, or not matching passwords, results in a failed sign-up.	PASS
4	Providing valid credentials (username and password), including matching passwords, results in a successful sign-up.	PASS
<i>User Log-In</i>		
5	Providing empty or invalid log-in credentials (username and password) results in a failed log-in.	PASS
6	Providing valid log-in credentials (username and password) results in a successful log-in.	PASS
7	Upon successful log-in, all the local files within the mobile app are listed.	PASS
8	Upon successful log-in, all the remote files on the server associated with the current user are listed.	PASS
<i>File Management</i>		
9	Clicking the refresh button will refresh the list of files in the mobile app and all the remote files on the server associated with the current user.	PASS
10	If a specific file does not exist on the server, it can be uploaded to the server by clicking on the shown upload button.	PASS
11	If a specific file does not exist in the mobile app, it can be downloaded to the mobile app by clicking on the shown download button.	PASS
12	If a specific version of a file exists on both the server and in the mobile app, no action can be taken.	PASS
13	If a version of a file exists on the server that is newer than the version of the same file in the mobile app, a fix button is shown that can be clicked, opening a dialog, to act on the conflict.	PASS

14	Clicking the “Get the latest version” button successfully downloads the new version of the file from the server, replacing the old version of the file in the mobile app.	PASS
15	Clicking the “Upload anyway and replace last version” button successfully uploads the old version of the file from the mobile app, replacing the new version of the file on the server.	PASS
16	Clicking the “Get diff file and solve manually” button, only shown when the file is not a binary, will open a dialog highlighting the differences in content of the local and server file.	PASS
17	In the file list, clicking the trash button for a specific file will open a dialog allowing the user to delete that file from the mobile app, the server, or both (where applicable).	PASS
18	Clicking the “Cancel” button will successfully close the dialog without further action.	PASS
19	Provided the file exists in the mobile app, choosing the “local file” option will successfully delete the file from the mobile app.	PASS
20	Provided the file exists on the server, choosing the “server file” option will successfully delete the file from the server.	PASS
<i>User Log-Out</i>		
21	Clicking the log out button will destroy the current user’s authenticated session and the initial log-in page will be displayed.	PASS
<i>User Delete</i>		
22	Clicking the “Delete account” entry in the app’s menu will delete the currently authenticated user account and all of the files stored on the server associated with the current user.	PASS

Test Case Number	Test Description	Result
<i>Connections and Requests</i>		
1	The server can successfully accept HTTP connections.	PASS
2	The server can successfully accept and process GET and POST requests.	PASS