

IT 314
Software Engineering

Real Time Collaborative Editor

Acceptance Testing



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Test Description	Expected Output	Displayed Output
1. Login/Sign In	Users should be able to log in with correct details.	User logs in successfully.
2. Sign-Up	New users should be able to create an account.	User registers successfully and gets access.
3. Logout	Users should be able to log out of their account.	User is logged out and taken to the login page.
4. Reset Password	Users should be able to reset their password.	Password is updated, and user can log in with the updated password.
5. Request Password Reset	Users should be able to request a password reset email.	User gets an email with OTP.
6. Search Project	Users should be able to search for a project by entering project name.	Matching projects are shown.
7. Create Project/Document	Users should be able to create a project or document with a title.	The project or document is created and saved.
8. View Project/Document	Users should be able to open their projects or documents.	All accessible projects/documents are displayed.

9. Rename Project/Document	Users should be able to rename a project or document.	The new name is saved and updated everywhere.
10. Delete Project/Document	Users should be able to delete projects or documents.	Projects/documents are deleted or moved to trash.
11. Organize into Folders	Users should be able to organize projects/documents into folders.	Folders are created, and items are moved into them.
12. View Document History	Users should be able to see changes made to a project/document.	A list of changes with timestamps and authors is displayed.
13. Select Programming Language	Users should be able to pick a programming language from a list.	The chosen language is selected for coding.
14. Select Theme	Users should be able to pick a theme from a list.	The selected theme is applied.
15. Add Collaborators	Users should be able to invite others to work on their projects.	Collaborators are added successfully with given permissions.
16. Real-Time Collaboration	Changes should be able to update in real time for all collaborators.	All changes sync immediately without any issues.
17. View Live Users	Users should be able to see a list of active users.	The list of active users is shown.

18. Send Message	Users should be able to send messages in a chat.	The message is sent and displayed in the chat window.
19. Receive Message	Users should be able to receive messages in real time.	Messages appear instantly in the chat window.
20. Provide Input to Code	Users should be able to add test cases to check code behaviour.	The system runs the test cases and shows the results.
21. Show Output	The system should be able to show the result of the code execution.	The output is displayed (e.g., result, error messages).
22. Multiple Runs	Users should be able to run the code multiple times.	The output is updated each time the code runs.
23. Format Output	The system should be able to format the output properly.	Results and errors are shown clearly with proper formatting.
24. Highlight Syntax Errors	The system should be able to flag mistakes in the code.	Errors are highlighted, and a message explains the issue.