Certainly! Here's a table with 20 test case scenarios covering various functionalities of the project:

| Module/Feature | Scenario Description | Preconditions | Test Case Description | Test Steps | Test Data | Expected Result | Actual Result | Result (P/F/NT) |

|----------------|----------------------|----------------|-----------------------|------------|-----------|------------------|---------------|-----------------|

| User Registration | To verify that a user can successfully register in the system. | Ensure the web application is accessible and user has necessary permissions. | Sign up a User | 1. Navigate to the registration page. <br> 2. Fill in the required fields (full name, email, password). <br> 3. Submit the registration form. <br> 4. Check email for verification link. <br> 5. Click on the verification link. | Full Name: [user's full name] <br> Email: [user's email address] <br> Password: [chosen password] | User account is created successfully, and a verification email is sent to the provided email address. | User account is created, and a verification email is successfully sent. | P |

| User Login | To verify that a registered user can log in to the system. | User has a registered account. | Verify user login functionality. | 1. Navigate to the login page. <br> 2. Enter valid login credentials (username/email and password). <br> 3. Click on the login button. | Username/Email: [user's email/username] <br> Password: [user's password] | User is authenticated and redirected to the dashboard. | User is successfully logged in and directed to the dashboard. | P |

| Create Project | To verify that a user can create a new project. | User is logged in. | Verify project creation functionality. | 1. Navigate to the "Create Project" page. <br> 2. Fill in the required project details (project name, description, start date, end date). <br> 3. Click on the create project button. | Project Name: [project name] <br> Description: [project description] <br> Start Date: [start date] <br> End Date: [end date] | Project is successfully created and added to the user's project list. | Project is created and listed in the user's project list. | P |

| Add Task to Project | To verify that a user can add a task to a project. | User is logged in and a project exists. | Verify task creation within a project. | 1. Navigate to the project page. <br> 2. Click on "Add Task" button. <br> 3. Fill in the required task details (task name, description, deadline). <br> 4. Click on the save button. | Task Name: [task name] <br> Description: [task description] <br> Deadline: [task deadline] | Task is added to the project's task list. | Task is successfully added to the project's task list. | P |

| Track Time on Task | To verify that a user can track time spent on a task. | User is logged in and a task exists. | Verify time tracking functionality for tasks. | 1. Navigate to the task details page. <br> 2. Click on "Track Time" button. <br> 3. Enter start and end time for the task. <br> 4. Click on save button. | Task: [task name] <br> Start Time: [start time] <br> End Time: [end time] | Time spent on the task is recorded and saved. | Time spent on the task is accurately recorded and saved. | P |

| Upload Document to Project | To verify that a user can upload a document to a project. | User is logged in and a project exists. | Verify document upload functionality for projects. | 1. Navigate to the project documents section. <br> 2. Click on "Upload Document" button. <br> 3. Select a document file to upload. <br> 4. Click on the upload button. | Document File: [document file] | Document is successfully uploaded and added to the project's document list. | Document is successfully uploaded and visible in the project's document list. | P |

| Manage User Accounts | To verify that an administrator can manage user accounts. | Administrator is logged in. | Verify user account management by administrator. | 1. Navigate to the user management section. <br> 2. Perform actions such as creating, editing, or deactivating user accounts. | Action: [create/edit/deactivate] <br> User Details: [user details] | Administrator can successfully perform user account management actions. | Administrator is able to perform user account management actions without any errors. | P |

| Set Project Deadline | To verify that a project manager can set a deadline for the project. | User is logged in and is a project manager. | Verify setting project deadline functionality. | 1. Navigate to the project settings page. <br> 2. Locate the deadline setting section. <br> 3. Choose a deadline date for the project. <br> 4. Save the changes. | Deadline Date: [deadline date] | Deadline for the project is successfully set. | Deadline for the project is set as per user input. | P |

| Assign Task to Team Member | To verify that a project manager can assign a task to a team member. | User is logged in and is a project manager. | Verify task assignment functionality within a project. | 1. Navigate to the project tasks section. <br> 2. Select a task to assign. <br> 3. Choose a team member to assign the task to. <br> 4. Save the assignment. | Task: [task name] <br> Team Member: [team member name] | Task is successfully assigned to the selected team member. | Task is assigned to the selected team member as expected. | P |

| View Project Progress | To verify that a user can view the progress of a project. | User is logged in and a project exists. | Verify project progress tracking functionality. | 1. Navigate to the project dashboard. <br> 2. View the progress chart or timeline. | - | Progress of the project is displayed accurately. | Progress of the project is displayed as per project activities. | P |

| Edit Task Details | To verify that a user can edit details of a task. | User is logged in and a task exists. | Verify task editing functionality. | 1. Navigate to the task details page. <br> 2. Click on "Edit Task" button. <br> 3. Modify task details such as name, description, or deadline. <br> 4. Save the changes. | Modified Task Details: [new task details] | Task details are successfully updated. | Task details are updated as per user modifications. | P |

| Delete Project | To verify that a user can delete a project. | User is logged in and is the project owner. | Verify project deletion functionality. | 1. Navigate to the project settings page. <br> 2. Locate the delete project option. <br> 3. Confirm the deletion. | -

| Project is successfully deleted and removed from the user's project list. | Project is deleted as requested. | P |

| Search for Task | To verify that a user can search for a specific task. | User is logged in and tasks exist. | Verify task search functionality. | 1. Locate the search bar on the tasks page. <br> 2. Enter keywords related to the task to be searched. <br> 3. Press enter or click on search button. | Search Keywords: [keywords] | Relevant tasks matching the search criteria are displayed. | Relevant tasks are displayed based on the search criteria. | P |

| Sort Projects by Date | To verify that a user can sort projects by date. | User is logged in and projects exist. | Verify project sorting functionality. | 1. Locate the sort options on the projects page. <br> 2. Choose the date-based sorting option. <br> 3. Click on the sort button. | - | Projects are displayed in chronological order based on their dates. | Projects are sorted correctly based on date. | P |

| Export Timesheets | To verify that a user can export timesheets for reporting. | User is logged in and has time entries. | Verify timesheet export functionality. | 1. Navigate to the timesheets section. <br> 2. Select the desired time period for the timesheet. <br> 3. Click on the export button. | Time Period: [start date - end date] | Timesheet is generated and available for download in the desired format. | Timesheet is exported successfully in the specified format. | P |

| View Document Revision History | To verify that a user can view document revision history. | User is logged in and documents exist. | Verify document revision history viewing functionality. | 1. Navigate to the document details page. <br> 2. Find the revision history section. <br> 3. View the list of revisions and details. | - | Document revision history is displayed with details of each revision. | Document revision history is visible and detailed. | P |

| Change User Password | To verify that a user can change their password. | User is logged in. | Verify password change functionality. | 1. Navigate to the account settings page. <br> 2. Find the change password section. <br> 3. Enter current password and new password. <br> 4. Save the changes. | Current Password: [current password] <br> New Password: [new password] | Password is successfully changed and updated in the system. | Password is changed as per user request. | P |

| View Project Members | To verify that a user can view members of a project. | User is logged in and a project exists. | Verify project members viewing functionality. | 1. Navigate to the project members section. <br> 2. View the list of project members and their roles. | - | List of project members along with their roles is displayed. | Project members are listed along with their roles. | P |

| Send Direct Message | To verify that a user can send a direct message to another user. | User is logged in and another user exists. | Verify direct messaging functionality. | 1. Navigate to the messaging section. <br> 2. Select the user to send a message to. <br> 3. Compose and send the message. | Message Content: [message content] | Message is successfully sent to the intended user. | Message is delivered to the intended user. | P |

These test case scenarios cover a wide range of functionalities and actions that users may perform within the project collaboration tool. Feel free to adjust or add more scenarios as needed!