

Independent Project Use Cases

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Actors:

Website Administrator

Website User

Use Case #1:

Name: User wants to login to account.

Description: A user wants to log into their account so that they can get to their user dashboard.

Organizational Benefits: Main function of the website, allows users to access their account.

Triggers: User clicks login button on the front page of the website.

Precondition: The user has created an account on the website.

Postcondition: The user will be logged into their account and will be able to view their dashboard.

Main Course:

1. User inputs login credentials.
2. User presses login button.
3. User can view and interact with user dashboard.

Alternate Course: AC1: User is already logged in.

Exceptions: EX1: The user is not logged into the website or does not have a registered account.

Use Case #2:

Name: Uploading a DXF

Description: User wants to upload DXF file with a description and project title

Organizational Benefits: Main function of the website, allows users to upload a file, description, and title for their project.

Triggers: User clicks 'create a new project' on user dashboard.

Precondition: User is logged into account.

Postcondition: The user has submitted a new project with an uploaded DXF file.

Main Course:

1. User clicks 'create new project' on user dashboard.
2. User clicks upload and selects file they want uploaded.
3. User fills out description box and submits new project.

Alternate Course: AC1: User has already uploaded file and can view project.

Exceptions: The user is not logged into the website or is not on the dashboard.

Use Case #3:

Name: Account Creation

Description: User wants to create an account.

Organizational Benefits: A main function of the website, allows customer to create an account and start their project.

Triggers: Pressing the 'Create an Account' button on the login page.

Precondition: User clicked login on the front page of the website and is viewing the login page.

Postcondition: The user has an account and can login.

Main Course:

1. User clicked create an account
2. User inputs username and password details.
3. User clicks create account button.

Alternate Course: AC1: User already has an account and is logged in.

Exceptions: Username is taken.

Use Case #4:

Name: View existing project

Description: User wants to view an existing project.

Organizational Benefits: Allows viewers to view the status of their project

Triggers: Pressing a listed project on the user dashboard.

Precondition: User is logged in and is viewing the user dashboard

Postcondition: The user is able to view the status of their project.

Main Course: 1. User navigates to listed projects on user dashboard.
2. User clicks on listed project.
3. User is able to view status of project.

Alternate Course: AC1: User is already viewing their existing project.

Exceptions: User has no existing projects.

Use Case #5:

Name: Forgot password

Description: User wants to reset their account password.

Organizational Benefits: Allows users to reset password without having to contact admin.

Triggers: Pressing the 'Forgot Password?' button on the login page.

Precondition: User is viewing the login page.

Postcondition: The user now has regained access to their account.

Main Course: 1. User is prompted to answer forgot password question
2. User types in new password.
3. User regains access to their account

Alternate Course: AC1: User creates a new account.

Exceptions: User does not have an existing account.

Use Case #6:

Name: Administrator login

Description: Admin wants to login to admin dashboard.

Organizational Benefits: Allows admins to manage website.

Triggers: Typing in the custom administrator link, typing in admin credentials, and pressing 'log in'.

Precondition: Admin has access to the administrator site.

Postcondition: The admin has full access to the admin dashboard.

Main Course: 1. Admin types in user credentials and presses log in
2. Admin can now view administrator dashboard.
3. Admin has full access to administrator tools.

Exceptions: The admin does not have an account.

Use Case #7:

Name: Updating status of projects (Admin)

Description: Admin wants to update the status of an active project.

Organizational Benefits: Allows for full functionality of website

Triggers: Clicking the name of a project in the project list.

Precondition: Admin is logged in and can view project list

Postcondition: Admin has opened the project and can update the status of the project in a text box.

Main Course: 1. Admin presses the name of a particular project.

2. Admin can now view the status textbox for that project.

3. Admin can press a 'submit' button and update the project status.

Exceptions: No projects exist.

Use Case #8:

Name: Account Deletion (Admin)

Description: Admin wants to delete a user account.

Organizational Benefits: Allows for complete management of website.

Triggers: Clicking delete profile in the account management dashboard.

Precondition: Admin navigates to 'account management' in administrator dashboard.

Postcondition: Admin has successfully deleted a user account.

Main Course: 1. Admin can view all accounts in the 'account management' section of the admin dashboard.

2. Admin can press 'delete profile' next to an account name.

3. The account has successfully been erased from storage.

Exceptions: No accounts exist.

Use Case #9:

Name: Project Deletion (Admin)

Description: Admin wants to delete a project.

Organizational Benefits: Allows for complete management of website.

Triggers: Clicking delete profile in the account management dashboard.

Precondition: Admin navigates to 'project list' section in administrator dashboard.

Postcondition: Admin has successfully deleted a project.

Main Course: 1. Admin is able to view projects in a list.

2. Admin can press 'delete project' next to project name.

3. The project has successfully been erased from storage.

Exceptions: No projects exist.