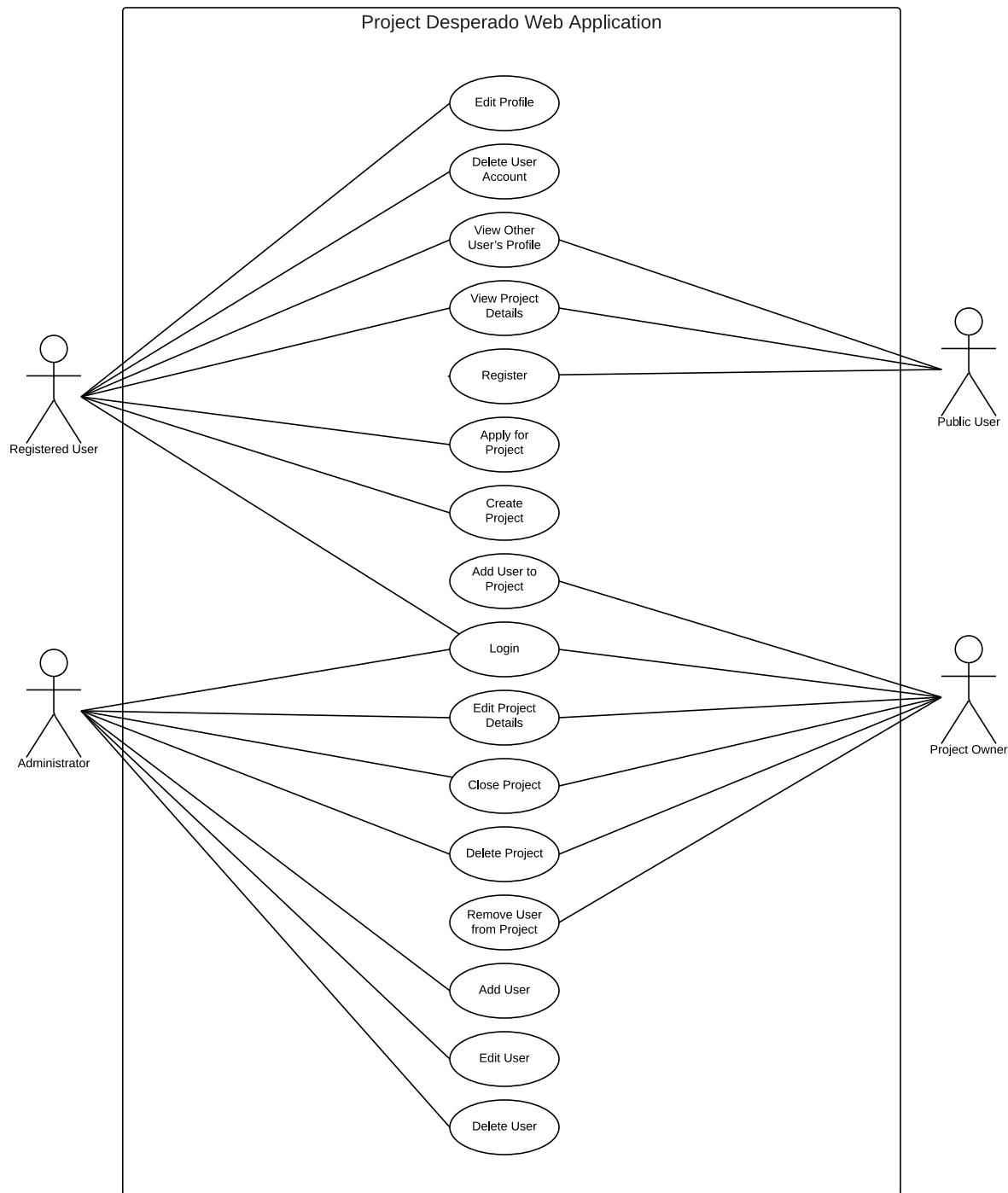


## Use case context diagram



## **Use Case: Add User to Project**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Project owner

**Stakeholders and Interests:**

- **Project owner:** add new users to project
- **User to be added:** looking to be added to the project

**Preconditions:** User has an active account, and is logged it into the system.

User to be added has an active account

**Success Guarantee (or Postconditions):** New user is added to the project

**Main Success Scenario (or Basic Flow):**

1. User selects the project he wants to add users to
2. System redirects user to project details view
3. User enters an email for the user to be added to project
4. The user clicks “Invite” button
5. System adds the user to the project
6. System displays message that the user has been added to the project

**Extensions (or Alternative Flows):**

3. There is no user registered with the provided email
  1. No users are added to the project

**Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:**

**Open Issues:**

## **Use Case: Add User**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Administrator

### **Stakeholders and Interests:**

- **Administrator:** wants to create a new user
- **User:** needs their profile to be created

**Precondition:** Administrator is logged in and is authorized.

**Success Guarantee:** The new user is saved to the database. A temporary password is generated and forwarded to the user

### **Main Success Scenario (or Basic Flow):**

1. Administrator navigates to the admin user management portal
2. Administrator selects “Add User”
3. System displays add new user view
4. Administrator types an user’s email address
5. Administrator types a password
6. Administrator retypes the password
7. System checks if the two passwords are identical
8. Administrator types first and last name
9. User clicks “Add User” button
10. System creates new user in database

### **Extensions (or Alternative Flow):**

6. The two passwords are different
  1. System notifies the administrator that confirmation password doesn't match the password
8. Email is already in user
  1. System notifies administrator that username is already in user

### **Technology and Data Variations List:**

- A. Administrator is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Depends on growth of the system, being mainly peer to peer, there should not be many occurrences of the Administrator creating users beyond testing

**Open Issues:**

## **Use Case: Apply for Project**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Registered user

### **Stakeholders and Interests:**

- **Registered user:** wants to join a project
- **Project creator:** looking for help on the project

**Precondition:** User is authenticated and logged in, project exists and is open

**Success Guarantee:** The user fills out the application, the application is saved

### **Main Success Scenario (or Basic Flow):**

1. User navigates to projects view
2. User selects the project he wants to apply for
3. System displays the project details view
4. User clicks “Apply for Project”
5. System adds user to the project

### **Extensions (or Alternative Flows):**

#### **Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** This will happen very frequently, the main purpose of the application is to collaborate on projects

### **Open Issues:**

## **Use Case: Close Project**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Project owner, Administrator

### **Stakeholders and Interests:**

- **Project owner:** wants to close a project
- **Administrator:** wants to close a project

**Preconditions:** User has an active account and is logged it into the system. User is a project owner. Project owner is a user that is listed as a creator of the project. Administrator is authenticated

**Success Guarantee (or Postconditions):** All users are removed from the project. Project is marked as closed. Project is inactive but visible under project list view

### **Main Success Scenario (or Basic Flow):**

1. User selects a project to close
2. System redirects user to project details view
3. User selects “Close this Project”
4. System prompts the user for close project confirmation
5. User accepts prompt to close the project
6. System updates database, removes all users form the project, marks the project as closed
7. System reloads the project details view

### **Extensions (or Alternative Flows):**

4. User cancels the request to close the project

### **Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Rarely

**Open Issues:**

## **Use Case: Create Project**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Registered user

**Stakeholders and Interests:**

- **Registered user:** wants to create a new project

**Preconditions:** User has an active account, the user is logged in

**Success Guarantee (or Postconditions):** The new project is created with the user as the creator and added to the database

**Main Success Scenario (or Basic Flow):**

1. User navigates the dashboard
2. User selects “Add Project”
3. System displays add new project view
4. User fills in the information about the project (name and description)
5. The user clicks “Create Project” button
6. The new project is saved to the database
7. System redirects the user to the project details view

**Extensions (or Alternative Flows):**

**Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Sometimes

**Open Issues:**

## **Use Case: Delete Project**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Project owner, Administrator

### **Stakeholders and Interests:**

- **Project owner:** wants to delete a project

**Preconditions:** User has an active account and is logged it into the system. User is either an administrator or is a project owner. Project owner is a user that is listed as a creator of the project. Administrator is authorized.

**Success Guarantee (or Postconditions):** All users are removed from the project. Project is deleted from the system.

### **Main Success Scenario (or Basic Flow):**

1. User selects a project to delete
2. System redirects user to project details view
3. User selects “Delete Project”
4. System prompts the user for delete confirmation
5. User accepts prompt to delete project
6. System updates database, removes all users form the project, deletes the project

### **Extensions (or Alternative Flows):**

5. User cancels the request to delete the project

### **Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Rarely

### **Open Issues:**

## **Use Case: Delete User Account**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Registered user

**Stakeholders and Interests:**

- **Registered user:** user wants to delete his account

**Preconditions:** User has an active account, and is logged it into the system

**Success Guarantee (or Postconditions):** User no longer has an active account. User is no longer able to login into the system. Other users are no longer able to view deleted user's profile. Deleted user cannot be added to any active projects

**Main Success Scenario (or Basic Flow):**

1. The user navigates to edit account view
2. User clicks "Delete Account" button
3. System displays confirmation for delete account
4. User confirms account deletion
5. The system deactivates the account
6. The system deactivates all user's projects associated with account
7. The user is logged out of the system and user is notified that the process has been successful.

**Extensions (or Alternative Flows):**

3. User chooses to not delete account during confirmation

**Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** User can only delete account once

**Open Issues:**

## **Use Case: Delete User**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Administrator

**Stakeholders and Interests:**

- **Administrator:** wants to remove a user from the system

**Precondition:** Administrator is logged in and is authorized

**Success Guarantee:** The user is deleted from the database. Delete user will no longer be able to use system

**Main Success Scenario:**

1. Administrator navigates to admin user management portal
2. Administrator selects the user he wants to delete
3. System displays user details view
4. Administrator selects “Delete User”
5. System prompts the administrator for delete confirmation
6. Administrator accepts prompt to delete user
7. System removes user from database
8. System redirects administrator to admin user management portal

**Extensions:**

6. Administrator cancels the request to delete user

**Technology and Data Variations List:**

- A. Administrator is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Administrators may need to periodically remove inactive users or users who are not following the terms of service

**Open Issues:**

## **Use Case: Edit Profile**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Registered user

**Stakeholders and Interests:**

- **Registered user:** wants to make changes to her profile

**Preconditions:** User has an active account and is logged it into the system

**Success Guarantee (or Postconditions):** User's profile is updated

**Main Success Scenario (or Basic Flow):**

1. User selects "Edit Account"
2. Edit account view is displayed with user's profile information
3. User updates the information
4. The user clicks "Update User" button
5. System updates user's profile
6. System redirects user dashboard
7. System notifies the user that the account has been updated

**Extensions (or Alternative Flows):**

6. User enters invalid profile information
  1. Error message is displayed describing the invalid fields

**Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Rarely, when user's information is changed

**Open Issues:**

## **Use Case: Edit Project Details**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Project owner, Administrator

### **Stakeholders and Interests:**

- **Project Owner:** wants to make changes to the project details
- **Administrator:** wants to make changes to the project details

**Preconditions:** User has an active account and is logged it into the system. User is either an administrator or is a project owner. Project owner is a user that is listed as a creator of the project. Administrator is authorized.

**Success Guarantee (or Postconditions):** Project details are updated

### **Main Success Scenario (or Basic Flow):**

1. User navigates to the dashboard
2. User selects the project to be edit
3. Project view is displayed
4. User clicks on “Edit Project” button
5. Edit project view is displayed with project information
6. User updates project information
7. The user clicks “Update Project” button
8. System updates project details
9. User is redirected to project details view

### **Extensions (or Alternative Flows):**

### **Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Sometimes

### **Open Issues:**

## **Use Case: Edit User**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Administrator

### **Stakeholders and Interests:**

- **Administrator:** needs to edit a user's details, change password, or suspend user

**Precondition:** Administrator is logged in and is authorized

**Success Guarantee:** The changes the administrator made to the user's profile are saved to the database

### **Main Success Scenario:**

1. Administrator navigates to the admin user management portal
2. Administrator selects the user he wants to edit
3. System displays user details view
4. Administrator clicks "Edit User"
5. System displays edit user view
6. Administrator fills out user's information and clicks "Update User"
7. System validates information
8. System updates the database with the information provided

### **Extensions:**

4. Incorrect information on the form when saving
  1. System displays an error message and highlights invalid fields
  2. Administrator fixes the errors and saves again

### **Technology and Data Variations List:**

- A. Administrator is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Administrators should not need to edit user information often, only as a last option for changing a password

### **Open Issues:**

## **Use Case: Login**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** System under discussion (SuD)

**Stakeholders and Interests:**

- **Registered User:** wants to login
- **Project Owner:** wants to login
- **Administrator:** wants to login

**Preconditions:** User has an active account, but is not logged in

**Success Guarantee (or Postconditions):** User is logged in into the system

**Main Success Scenario (or Basic Flow):**

1. The user selects “Login” link
2. System displays login view
3. User enters the email address and password
4. User clicks “Login” button
5. System attempts to authenticate the user with the given information
6. System redirects user to dashboard page

**Extensions (or Alternative Flows):**

4. User enters invalid login parameters
  1. Error message is displayed stating that the username/password combination is incorrect

**Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** User must login every time he wants to access the system

**Open Issues:**

## **Use Case: Register**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** System under discussion (SuD)

**Stakeholders and Interests:**

- **Public User:** wants to register

**Precondition:** User is not registered in the system

**Success Guarantee (or Postconditions):** User is a member of the website. New user account is created, user information is saved

**Main Success Scenario (or Basic Flow):**

1. The user selects “Register” link
2. System displays register view
3. User types an email address
4. User types a password
5. User retypes the password
6. System checks if the two passwords are identical
7. User types first and last name
8. User clicks “Register” button
9. System registers the new user with the given parameters (username, email address, and password)
10. System sends confirmation email to the provided email for user to complete registration

**Extensions (or Alternative Flows):**

6. The two passwords are different
  1. System notifies the user that confirmation password doesn't match the password
8. Email is already in user
  1. System notifies user that username is already in use

**Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Only happens once for each user

**Open Issues:**

## **Use Case: Remove User from Project**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Project owner

### **Stakeholders and Interests:**

- **Project owner:** wants to remove user from project

**Preconditions:** Project owner has an active account and is logged it into the system. Project owner is a user that is listed as a creator of the project

**Success Guarantee (or Postconditions):** User is removed from the project. Removed user will no longer be able to contribute to the project

### **Main Success Scenario (or Basic Flow):**

1. Project owner selects “Remove From Project”
2. System updates database, removes user from the project, lists him as contributor of the project

### **Extensions (or Alternative Flows):**

#### **Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Sometimes users have to be deleted from project due to inactivity

### **Open Issues:**

## **Use Case: View Other User's Profile**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Registered user, public user

**Stakeholders and Interests:**

- **Registered user:** wants to view other user's profile information
- **Public user:** wants to view other user's profile information

**Preconditions:** Registered user has an active account and is logged it into the system

**Success Guarantee (or Postconditions):** User profile information is displayed.

**Main Success Scenario (or Basic Flow):**

1. User navigates to users list view
2. User clicks on user name of the user he wants to view
3. User details view is displayed with the list of projects user have contributed to

**Extensions (or Alternative Flows):**

**Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Often

**Open Issues:**

## **Use Case: View Project Details**

**Scope:** Project Desperado Web Application

**Level:** user goal

**Primary Actor:** Registered user, public user

**Stakeholders and Interests:**

- **Registered user:** wants to view open project's details
- **Public user:** wants to view open project's details

**Preconditions:** Registered user has an active account and is logged it into the system

**Success Guarantee (or Postconditions):** Project details are displayed

**Main Success Scenario (or Basic Flow):**

1. User navigates to the projects view
2. User selects the project to view by clicking on project's name
3. Project details view is displayed with list of users on the project

**Extensions (or Alternative Flows):**

**Technology and Data Variations List:**

- A. User is using a supported standard web browser. (Ex. Chrome, Firefox, IE, Safari, etc.)

**Frequency of Occurrence:** Often

**Open Issues:**