

User Documentation for Department Management System

Introduction

This document provides user guidance on managing the Department Management System. The system allows users to perform CRUD (Create, Read, Update, Delete) operations on department data.

Features

The system supports the following features:

- View all departments.
- Create a new department.
- Edit department details.
- Soft-delete departments (mark them as inactive).

Usage Instructions

1. Home Page

The Home Page displays a list of all active departments. Each department entry provides the following information:

- Department Name
- Description
- Edit and Delete options

Buttons and links:

- 'Create Department' button: Navigate to the page to add a new department.
- 'Edit' link: Update the department's details.
- 'Delete' link: Soft-delete a department.

Link: <https://sauinternship.pythonanywhere.com/>

Department Management				
Create Department				
SR. NO	DEPARTMENT NAME	DESCRIPTION	EDIT	DELETE
1	IT	IT department often comprises specialized teams, each focusing on distinct areas of technology and support	Edit	Delete
2	Mechanical	A Mechanical Department is a core function in industries related to engineering, manufacturing, construction, and maintenance. It focuses on the design, development, operation, and maintenance of mechanical systems and equipment.	Edit	Delete
3	Sales	Sales Department is a critical function within an organization, responsible for generating revenue by selling products or services to customers. Its primary focus is on building relationships, identifying opportunities, and closing deals to achieve business growth.	Edit	Delete

2. Create Department

To add a new department, follow these steps:

1. Navigate to the Create Department page by clicking the 'Create Department' button.
2. Fill in the required fields:
 - Department Name
 - Description
3. Click 'Create' to save the department.

Link: <https://sauinternship.pythonanywhere.com/createdepartment>

Create Department

Department Name:

Description:

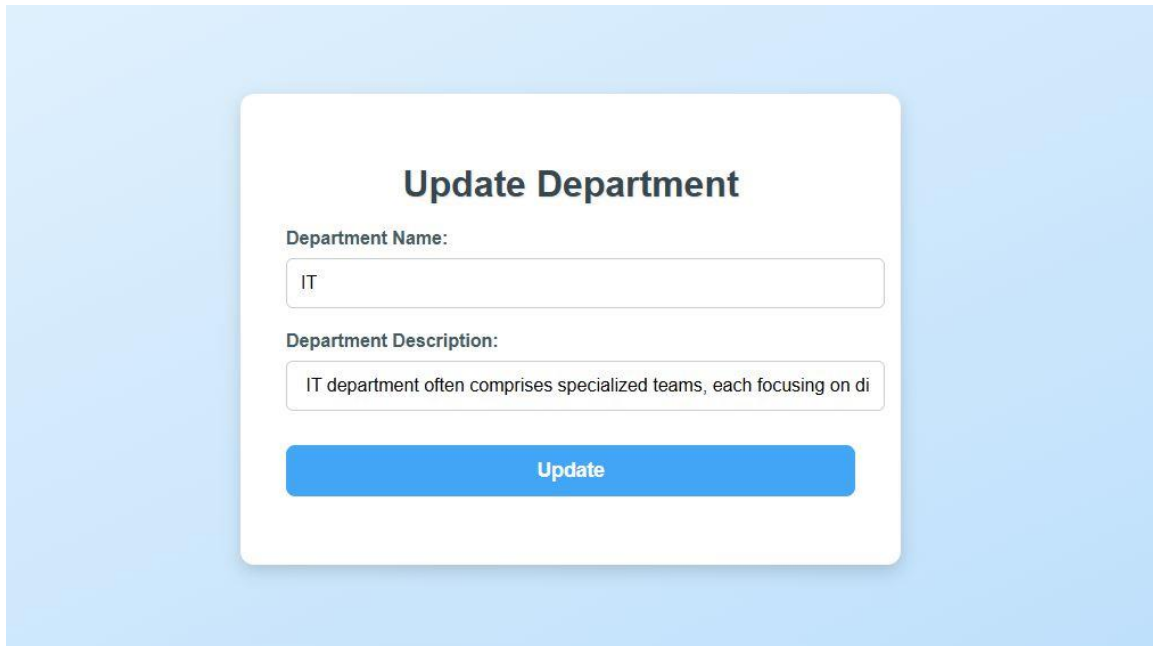
Create

3. Update Department

To update an existing department:

1. Click the 'Edit' link in the respective row of the department on the Home Page.
2. Update the 'Department Name' and/or 'Description' fields.
3. Click 'Update' to save the changes.

Link: <https://sauinternship.pythonanywhere.com/edit/1>



The screenshot shows a web form titled "Update Department" centered on a light blue background. The form is a white rounded rectangle. It contains two input fields: "Department Name" with the value "IT" and "Department Description" with the value "IT department often comprises specialized teams, each focusing on di". Below these fields is a blue button labeled "Update".

4. Delete Department

To soft-delete a department:

1. Click the 'Delete' link in the respective row of the department on the Home Page.
2. The department will be marked as inactive and will no longer appear in the list of active departments.

Dashboard	Roles List				
Departments	Create Role				
Roles					
Employess					
SR.NO	ROLE NAME	DESCRIPTION	EDIT	DELETE	
1	Admin	this is admin role	Edit	Delete	

1. Role Page

The Home Page displays a list of all active role. Each role entry provides the following information:

- Role Name
- Description
- Edit and Delete options

Buttons and links:

- 'Create Role' button: Navigate to the page to add a new role.
- 'Edit' link: Update the role's details.
- 'Delete' link: Soft-delete a role.

Link: <https://sauinternship.pythonanywhere.com/>

2. Create Role

To add a new role, follow these steps:

1. Navigate to the Create Role page by clicking the 'Create Role' button.
2. Fill in the required fields:
 - Role Name
 - Description
3. Click 'Create' to save the role.

Link: <https://sauinternship.pythonanywhere.com/addrole>

The screenshot shows a dashboard with a dark sidebar on the left containing the following links: **Dashboard**, Departments, Roles, and Employess. The main content area is titled **Create Role** and contains a form with two input fields: **Role Name:** with the placeholder text 'Enter role name' and **Description:** with the placeholder text 'Enter role description'. A green **Create** button is located at the bottom right of the form.

3. Update Role

To update an existing role:

1. Click the 'Edit' link in the respective row of the role on the Home Page.
2. Update the 'Role Name' and/or 'Description' fields.
3. Click 'Update' to save the changes.

Link: <https://sauinternship.pythonanywhere.com/updaterole/1>

The screenshot shows the same dashboard sidebar as the previous image. The main content area is titled **Update Role** and contains a form with two input fields: **Role Name:** with the value 'Admin' and **Role Description:** with the value 'this is admin role'. A green **Update** button is located at the bottom right of the form.

4. Delete Role

To soft-delete a role:

1. Click the 'Delete' link in the respective row of the role on the Home Page.
2. The role will be marked as inactive and will no longer appear in the list of active role.

Technical Details

- The system uses Django for backend processing.
- Templates are designed using HTML and CSS.
- Data is stored in the database and managed using Django ORM.