

Customer Relationship Management

I. INTRODUCTION

This web application is intended to facilitate the management of employee data in a company.

This Django application performs CRUD (Create, Read, Update, Delete) operations on employee records.

II. LOGIN AND REGISTRATION

In the login section of the web application, I used bootstrap to style the page and make it easy to digest for all users.

Django CRMRegisterLogin

Login

Username

Password

Login

Django CRMAdd RecordLogout

You have been logged in!

Name	Email	Phone	Address	City	State	Zipcode	Created At	ID
Emma Diaz	emmadiaz@notreal.com	074922 5930249	98 Not Real	Fake City	NB	NR11 5KJ	Aug. 12, 2024, 3:48 p.m.	2
Charlie Chaplin	cc001@email.com	073629 939204	50A Fake Road	Fake City	FK	12AC 4RE	Aug. 12, 2024, 5:03 p.m.	3

Once, user has successfully logged in- a banner will show at the top section of the page. The user will then be redirected to the homepage.

If user is not yet registered in the web app, then there is a registration form on the nav bar. Once clicked, the user will be redirected to a registration form page.

[Django CRM](#) [Register](#) [Login](#)

Register

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Enter the same password as before, for verification.

Register

[Django CRM](#) [Register](#) [Login](#)

Register

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Strong Password

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Strong Password

Enter the same password as before, for verification.

Register

III. EMPLOYEE RECORDS- READ

Each employee has a unique ID that is autogenerated by Django. To read details about each employee just click on the ID number and user will be redirected to a page that contains that specific employee's information.

You have been logged in!



Name	Email	Phone	Address	City	State	Zipcode	Created At	ID
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Emma Diaz

Email: emmadiaz@notreal.com

Phone: 074922 5930249

Address: 98 Not Real

City: Fake City

State: NB

Zipcode: NR11 5KJ

Create At: Aug. 12, 2024, 3:48 p.m.

ID: 2

Back

Delete

Update Record

IV. EMPLOYEE RECORDS- UPDATE

Add Record

Update Record

Record has been updated!



Name	Email	Phone	Address	City	State	Zipcode	Created At	ID
Emma Diaz	emmadiaz@notreal.com	074922 5930249	98 Not Real	Fake City	NB	NR11 5KJ	Aug. 12, 2024, 3:48 p.m.	2
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V. EMPLOYEE RECORDS- CREATE

To create a new record, user can click on the “Add Record” located on the nav bar. Once, user clicks on that a new page with a form will be displayed.

Add Record

Add Record Back

Name	Email	Phone	Address	City	State	Zipcode	Created At	ID
Emma Diaz	emmadiaz@notreal.com	074922 5930249	98 Not Real	Fake City	NB	NR11 5KJ	Aug. 12, 2024, 3:48 p.m.	2
Charlie Chaplin	cc001@email.com	073629 939204	50A Fake Road	Fake City	FK	12AC 4RE	Aug. 12, 2024, 5:03 p.m.	3
Jasmin Doe	jasmindoe@email.com	07234203942	0907 Scotts Street	Manila	PH	12WE 4IO	Aug. 12, 2024, 7:51 p.m.	4
Ned Suarez	nedsuarez@email.com	07293 332130	02 Something Street	Fake City	FC	12FC 12L	Aug. 12, 2024, 7:52 p.m.	5
Red Star	redstar@email.com	07264 23982	555 Manila Street	Manila	ML	1HJ 02R	Aug. 12, 2024, 7:53 p.m.	6

VI. EMPLOYEE RECORDS- DELETE

User needs to click on the employee ID they wish to delete.

A page dedicated for that employee will show, and user needs to click the “Delete” button.

Emma Diaz

Email: emmadiaz@notreal.com

Phone: 074922 5930249

Address: 98 Not Real

City: Fake City

State: NB

Zipcode: NR11 5KJ

Create At: Aug. 12, 2024, 3:48 p.m.

ID: 2

[Back](#) [Delete](#) [Update Record](#)

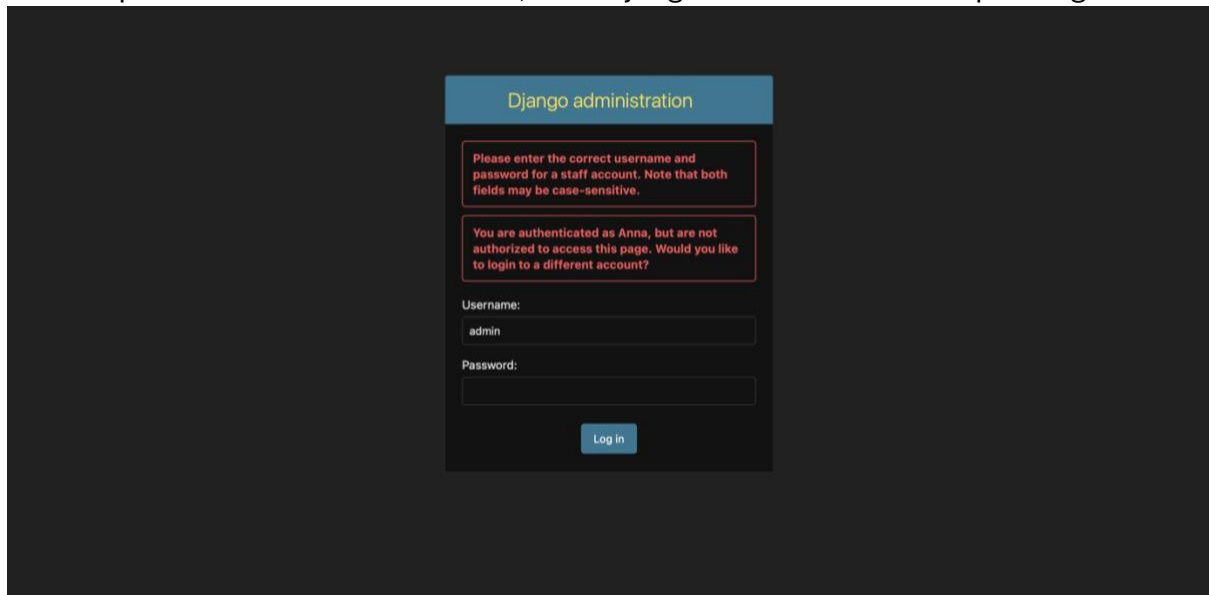
Once clicked, an alert will show to verify that the employee has been deleted.

Record Deleted. ×

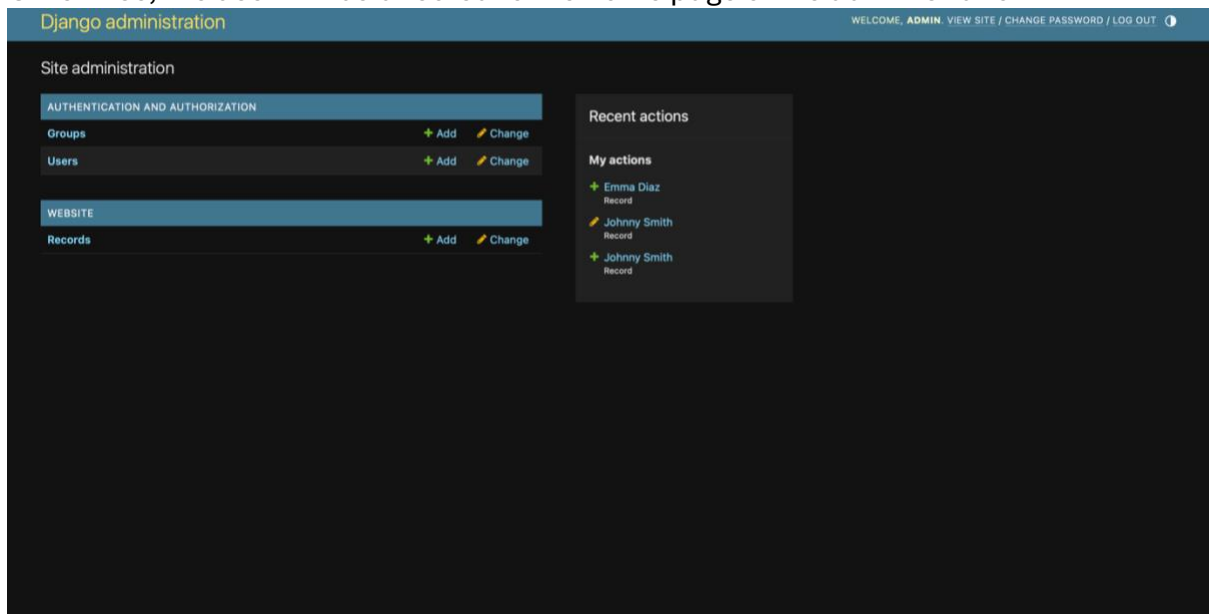
Name	Email	Phone	Address	City	State	Zipcode	Created At	ID
Emma Diaz	emmadiaz@notreal.com	074922 5930249	98 Not Real	Fake City	NB	NR11 5KJ	Aug. 12, 2024, 3:48 p.m.	2
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Jasmin Doe	jasmindoe@email.com	07234203942	0907 Scotts Street	Manila	PH	12WE 4IO	Aug. 12, 2024, 7:51 p.m.	4
Ned Suarez	nedsuarez@email.com	07293 332130	02 Something Street	Fake City	FC	12FC 12L	Aug. 12, 2024, 7:52 p.m.	5

VII. DJANGO ADMINISTRATION

The user needs to have the right privileges to access this page. Normally, user needs to be a “superuser” to access this. If not, then Django will block the attempt to login.

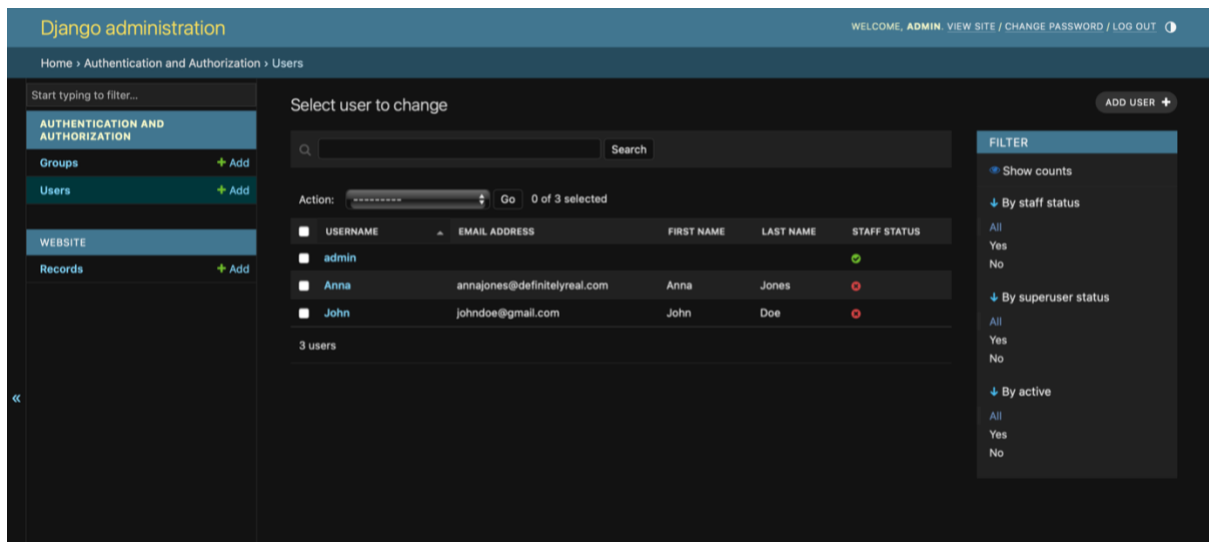


Otherwise, the user will be directed to the home page of the administration.

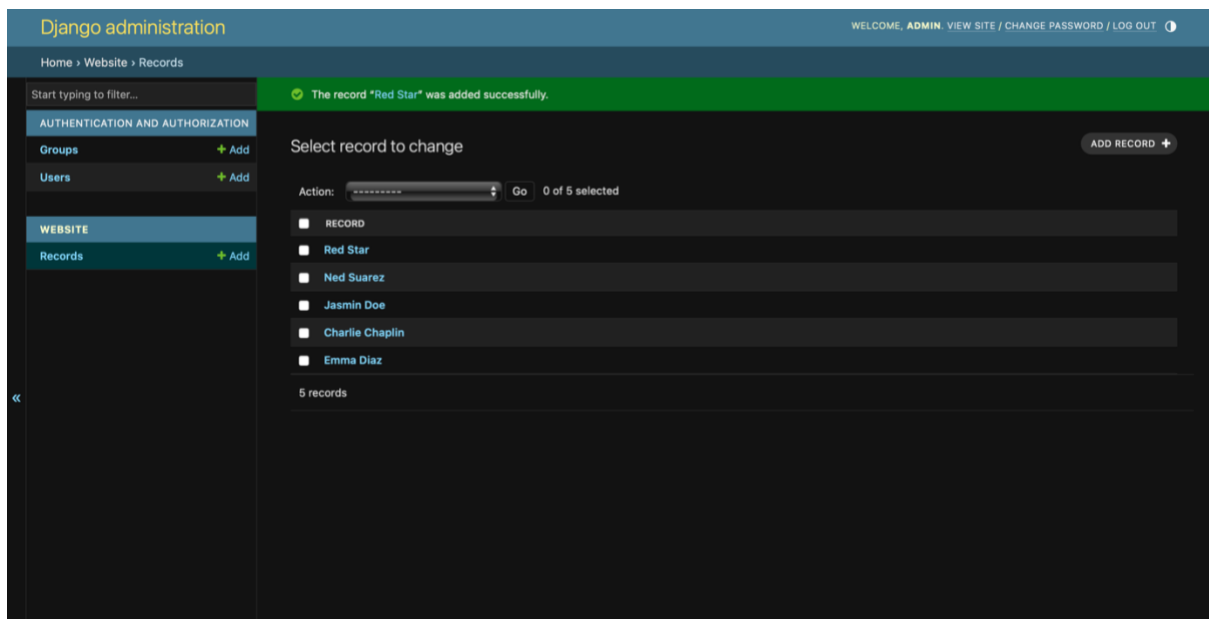


There will be different section in the Django Administration page- “Groups”, “Users”, and “Record.”

The Users consist of all the users registered in the web application.



The Record are the details or employee information.



The Group manages the permission and user access.

Django administration WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Authentication and Authorization > Groups > Groupone

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

WEBSITE

Records + Add

Change group

Groupone HISTORY

Name:

Permissions:

Available permissions

Choose all

Hold down "Control", or "Command" on a Mac, to select more than one.

Chosen permissions

- Administration | log entry | Can add log entry
- Administration | log entry | Can change log entry
- Administration | log entry | Can delete log entry
- Administration | log entry | Can view log entry
- Authentication and Authorization | group | Can add group
- Authentication and Authorization | group | Can change group
- Authentication and Authorization | group | Can delete group
- Authentication and Authorization | group | Can view group
- Authentication and Authorization | permission | Can add permission
- Authentication and Authorization | permission | Can change permission
- Authentication and Authorization | permission | Can delete permission
- Authentication and Authorization | permission | Can view permission
- Authentication and Authorization | user | Can add user

Remove all

SAVE Save and add another Save and continue editing Delete

Django administration WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Authentication and Authorization > Groups

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

WEBSITE

Records + Add

✓ The group "Groupone" was changed successfully.

Select group to change

ADD GROUP

Search

Action: Go 0 of 1 selected

☐ GROUP

☒ Groupone

1 group

VIII. LOG OUT

To log out, the user needs to click on the “Log out” bottom on the nav bar.

Django CRM Add Record Logout								
Name	Email	Phone	Address	City	State	Zipcode	Created At	ID
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Django CRM Register Login	
You have been logged out	
Login	
<input type="text"/>	
<input type="password"/>	
<input type="button" value="Login"/>	