

User management system

Accounts app :-

* models :-

- class Student()
 - Fields:-
 - user : OneToOneField
 - name : CharField
 - id_number : CharField
 - email : EmailField
 - professor : ManyToManyField
 - profile_pic : ImageField
- class Professor()
 - Fields:-
 - user : OneToOneField
 - name : CharField
 - id_number : CharField
 - email : EmailField
 - courses : ForeignKey
 - profile_pic : ImageField
- class Course()
 - Fields:-
 - course_name : CharField
 - course_pic : ImageField

* views :-

- home_page(request):

- renders a template with all the students and professors
- returns : render(request , 'accounts/Home_page.html' ,

context)

- login_page(request):

- logs in and authenticate a user.
- if the logged in user is the admin it redirects him to the dashboard.
- if the logged in user is not the admin it redirects him to his profile.
- returns : render(request , 'accounts/login.html')

- logout_page(request):

- logs a user out and redirects him to the login page

- register_page(request):

- Allowed only for the admin
- registers a new user with the attributes username , id_number , email , status and a password
- validate the user and signed him in
- redirect the created user to the login page
- returns : render(request , 'accounts/register.html' ,

context)

- profile_page(request):

- grabs the user information and sends it to the profile template
- give the user the ability to change only his profile picture
- returns : render(request , 'accounts/profile.html' ,

context)

Notes:

this app is for multi purposes so its kept simple as it should be .

this app only manages users in the common way and its easy to customize and extend .

this app provides a management land for all purposes and its not fully usable or beneficial on its own .