

Project Part 5 - User Accounts

Course: Web Programming 2

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Overview

In this assignment, you will create the pages for managing user accounts (registration, login, password management), as well as manage access to certain pages.

Due: Friday, 12 April, Midnight

Submit: Push your code to a Github Respository.

Requirements

Follow along with the Lesson 5 slides to create an **accounts** app with the following pages:

- login/logout
- profile page
- create new account
- change account password
- change profile information
- reset account password (forgot password)

You may adapt the templates from the **web2-example-project** repository for your own needs.

<https://github.com/amininger/web2-example-project>

Once you have account management working, make sure to do the following:

1. Create a link on your home page that takes the person to the login page or the profile, depending on whether they are logged in.
2. Create at least one group and give it some permissions.
3. As appropriate, control access to your views using the **permission_required** decorator
4. Save any database objects you create and commit them to the repository (see next page).
5. Push your project to Github

Saving Database Data

You can easily save and load data from the database using the manager script.

To save data for a specific model:

```
python manager.py dumpdata -o output_file.json APP.MODEL_NAME
```

For example, to save BlogPost data, I would do the following:

```
python manager.py dumpdata -o blogposts.json blog.BlogPost
```

You can also save data for an entire app (all the models in the app) by just giving the app name

```
python manager.py dumpdata -o blog_data.json blog
```

Then, if you want to load the data from a json file, you can do:

```
python manager.py loaddata blog_data.json
```