

Team R_

Uncommon Grounds

<https://github.com/EEmonds/Uncommon-Grounds>

Overview

Uncommon Grounds is a social media application that allows users to connect with and explore special locations off the beaten track. Unlike similar applications, Uncommon Grounds focuses on non-commercial locations that are not widely known, encouraging users to stretch their legs and get to appreciate the unique character of their physical environment. Users can also connect with fellow explorers who share their tastes in peculiar, magical, peaceful, or secret places.

Team Member Name	Github Username
Dmitry Aristarkhov	daalegend
Patrick Barber	barberp
Emily Emmons	EEmonds
Trevor Kearns	tckearnsuamass
Anthony Lee	jungcom
Liam McCarthy	llmccarthy

Design Overview

We use four models in our application: Users, Locations, Tags, and Comments (main URL paths: locations/, location/ID#, users/, user/ID#, tags/, and comments/userID# or comments/locID#). The homepage will be a “Discover” page that offers a clean search bar as well as recommendations of nearby locations. We will also have an “Uncommon Friends” page that returns search results for users based on their tag preferences or geographical locations. Neither of these have been implemented yet, nor has a user’s profile page. The implemented UIs are dummy lists of all users and locations, an individual user detail page (including a list of contributed locations and comments), and an individual location detail page (including ratings, popularity, a link to the contributing user and a list of comments).

Problems/Successes

This time, our communication seemed to improve and everyone managed to work well independently to make progress on the problems they took ownership for. We’ve successfully implemented user authorization as well as the ability to create and update user accounts. Some of our page displays have been fixed (notably, loading images from the db for each location) as well.

One major problem that remains is that the add location functionality isn’t working. We’re still trying to figure out how to get the form to communicate correctly with the db (we get ValueError exceptions when calling the .save() function for the model), and there’s an additional complication with adding images, which have to be wrapped in a special way that complicates binding in the form. We plan to get the basic location adding function up and running, then tackle the image adding problem.

Another outstanding problem is that our search page (“Discover”) doesn’t return results dynamically yet; it needs to use input from the search bar to generate new views.

Team Choice

Users can now register and also change their passwords via email. We’ve also implemented autocomplete for searching for locations. Both of these seem to be working fine.

INDIVIDUAL WRITEUPS

Trevor

Again, I created task lists out of the assignment requirements and checked in with team members on how their tasks were going. I identified and clarified specific problems we'd have to address. I created the html pages for adding a location and began implementing them, although problems remain here. Finally, I wrote the main report and oversaw clerical stuff with the submission. I estimate my contribution to be around 15%.

Anthony Lee

I have implemented the user authentication and login/logout part of the project, where the nav bar shows different tabs depending on your login status. I have also created a form for the user to sign up for an account, which adds a new user to the database. The registration is done by email verification. Additionally, I have implemented password resetting through email as well. I believe I have participated about 15-20% on the project.

Patrick

Implemented autocomplete for location search on Location list and homepage. 13%

Dmitry

Patrick and I have contributed to the autocomplete functionality in the homepage and the location search page. We have also assisted where we could in any bug fixing required for the program. 13%

Emily

I created the user views and profile view. We had to redo our user model to take advantage of the built-in Django Profile class, and I implemented this so that users can change personal info and upload and change profile pics. My participation was about 18%.

Liam

I fixed the Discover page to pull images for each location from the database. My work was around 13%.