

# Team R\_

## Uncommon Grounds

### Spring 2018

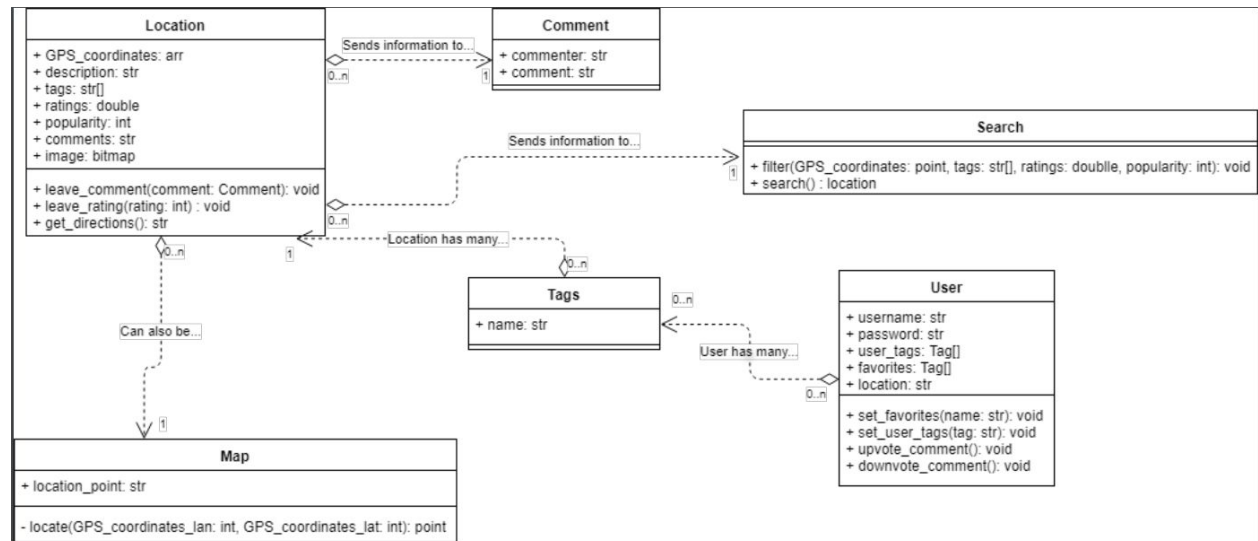
<https://github.com/EEemmons/Uncommon-Grounds>

#### 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	EEemmons
Trevor Kearns	tckearnsumass
Anthony Lee	jungcom
Liam McCarthy	llmccarthy

#### Data Model



Final data model diagram

## User Interface

The UI includes these views: Add Location, Location Detail, Location Search, User Search, User Profile, Home, Login, Forgot Password, Password Reset, and Edit Profile.

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### Share your special spot with your uncommon friends!

Fill in the following fields:

Name:

Enter the name of location

Description:

Brief description of location

Tags: 

rock  
beach  
creek  
park

Ratings:

Popularity:

Image:


No file selected.

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## Uncommon Friends List

emmo



Joined: April 8, 2018, 12:59 a.m.


lemmo



Joined: April 8, 2018, 12:59 a.m.

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Newest Places




Testoverse

1

The best universe to not ever visit!

Highest Rated




beach

5

sand n stuff

Popular




beach

5

sand n stuff

Feeling Adventerous?



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# Testoverse

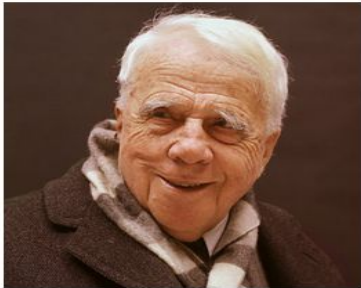
## 1 Stars

Description: The best universe to not ever visit!

Tags: UncommonGrounds.Tag.None

Contributed By:


[compsci326](#)



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## Location List



beach

sand n stuff

Find Your Uncommon Grounds!


Discover New Spots - Mozilla Firefox

Discover New Spots

[127.0.0.1:8000/UncommonGrounds/lemmo/](#)
80%

[CS585FP](#)
[UMass CS](#)
[GCC](#)
[python\\_demo\\_from\\_L...](#)
[Inbox \(10,647\) - tckear...](#)
[Poetry](#)
[Programming](#)
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lemmo

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### Submitted Locations



pond

### Recent Comments

Morbi viverra convallis nulla eu varius. Nulla augue orci, convallis vitae porta at, molestie id tellus. Donec mollis pharetra ipsum sit amet elementum. Fusce solidum porta lacus, et condimentum justo pulvinar a. Quisque feugiat magna vel eros luctus viverra.

Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Nam pulvinar lacus odio, in sagittis est eleifend ac. Donec viverra lobortis ultrices. Duis ac diam molestie, varius ante sit amet, convallis est. Praesent interdum convallis orci et laculis.

Find Your Uncommon Grounds!

Username

Password


Login

☒ Remember me

[Forgot password?](#)

## Forgot Password?

You can reset your password here.



Reset Password

A white rectangular box with a thin grey border containing the text: "Email Sent" in a large, bold, black sans-serif font, followed by "We've emailed you instructions for setting your password. If they haven't arrived in a few minutes, check your spam folder." in a smaller, regular, black sans-serif font.

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Currently: profile\_images/superuser.jpg

Profile image: Change:

No file selected.

Find Your Uncommon Grounds!

## URL Routes/Mappings

```
urlpatterns = [
    path('discover/', views.discover, name='discover'),
    path('about/', views.about, name='about'),
    path('', views.discover, name='discover'),
    path('addUser/', views.addUser, name='addUser'),
    path('locations/', views.discover_search, name='locations'),
    path('location/<int:pk>', views.LocationDetailView.as_view(), name='location-detail'),
    path('profiles/', views.ProfileListView.as_view(), name='profiles'),
    path('tags/', views.TagListView.as_view(), name='tags'),
    path('comments/', views.CommentListView.as_view(), name='comments'),
    path('location/create/', views.addLocation, name='location_form'),
    path('location-autocomplete/', location_autocomplete, name='location-autocomplete'),
    path('user-autocomplete/', user_autocomplete, name='user-autocomplete'),
    path('<username>', views.profile_page, name='user_profile'),
    path('<username>/edit/<int:pk>', views.ProfileUpdate.as_view(), name='edit_profile'),
]
```

In order:

- 'Discover': search for locations
- 'About': self-explanatory
- 'addUser': create a user account
- 'Locations': display a list of locations
- 'location/<int:pk>': display the detail page of a specific location
- 'Profiles': display a list of users
- 'Tags': display a list of tags (not currently used)
- 'comments/' : display list of comments for a particular location (not currently used)
- 'location/create/' : Create Location
- 'Location-autocomplete' : Autocomplete for location search on home page and location search page
- 'User-autocomplete': Autocomplete for user search
- '<username>': user's profile page
- '<username>/edit/<int:pk>': edit one's profile

## Authentication/Authorization

Users are authenticated through an email that they will receive when signing up for an account for the website. They are given an activation link within the email, which will activate the account, thus allowing the user to login. However, all accounts created through the website signup page will not have administrative access; only the superuser account has administrative access.

## Team Choice

- Autocomplete for search
- Email verification for registering an account and resetting passwords

## **Conclusion**

Overall, the project went well largely because of team cohesion and a willingness to take on problems as they arose. The largest stumbling blocks included a monster Git conflict and extending the built-in Django User model to allow for a Profile with some added information. One of the most significant things we learned in this process was the importance of debugging on the fly and researching online documentation to find analogous problems to ours. We also learned the importance of communicating about changes to filenames that needed to be propagated throughout the system in order not to break things. We would have liked to know more about user authentication early in the process because we wound up having to reimplement our user model nearly from scratch. Another technical hurdle was figuring out how to generate dynamic lists from search text (our Team Choice feature, autocomplete, turned out to be surprisingly easy by comparison).