

"MixList" - DJ Mix Sharing & Listening Application

The Krusty Krab - [Github Repository](#)

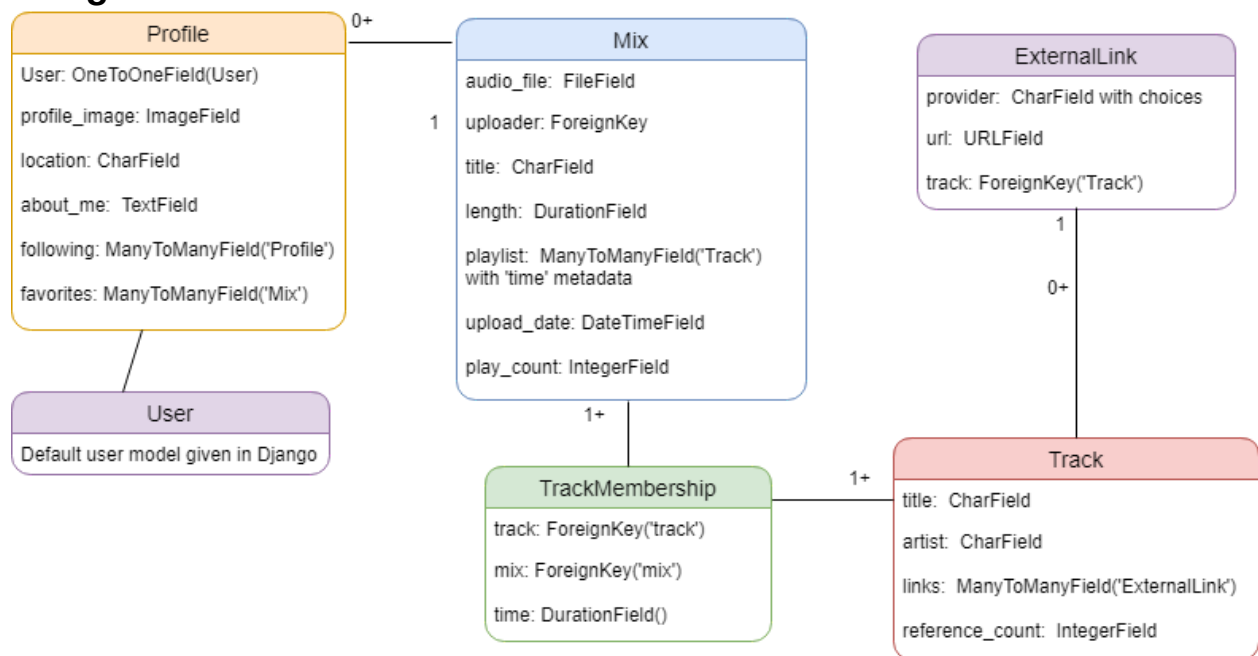
Team Overview:

Team Member Name	Github Username
Benjamin Murphy	benmurphy7
Daniel Maryanski	danielmaryanski
Daniel Szymanski	DSSzymanski
Matthew Robinson	mattrobinson125
Shipeng Yu	GK67
Yuzhuo Shi	SuedeOO

Overview / Changes:

Our project is a website that allows users to upload and listen to DJ mixes. It is designed for long-form audio files that have more than one track in them, like a DJ mix, a radio show, or a podcast. The application allows for users to see a tracklisting of a mix and access the individual track on their preferred platform (SoundCloud, Spotify, Apple Music, YouTube, etc).

Design Overview:



In addition to the homepage, there are routes `/mix/track_slug`, `/profile/profile_id`, `/edit/track_slug`, and `/upload`.

Problems / Successes:

In the upload and edit pages, the desired behavior of the tag system couldn't be accomplished with ordinary javascript. To implement our desired behavior, we had to incorporate jQuery so that we could add, remove, swap, and modify DOM elements. There are still some bugs, but they seem to require a

complete overhaul of the editor system, which we plan to do anyway for the next project, as we will need a more comprehensive form to send data back to the server.

The profile page was an interesting process in learning how to extend the base user model to include other fields. Mapping at first was a struggle, but worked itself out with help from others.

Communication was lacking this project. Everyone seemed to be doing their own thing for the first few weeks which led to issues with people not knowing what needed to be done/what was already done. For the next project we will first make a complete plan for how to complete the project and who will do which parts before starting work on it.

Individual Write Ups:

Team Member Name	Write Up
Benjamin Murphy	
Daniel Maryanski	I primarily worked on the Upload and Edit Mix views. The Edit Mix view populates a form with the data from a mix so that the user will be able to make changes to the Mix object. The Upload Mix view is similar to the one that we had in Project 1, because it doesn't need to pull any data from the database to be created. To accomplish this I created the three templates "editor_generic", "editor_edit", and "editor_upload" and the javascript file "upload.js". I also did a few small tasks such as editing models and adding to the navbar. Overall I would say I did about 20% of the work for this project. We got a lot done this time around and I'm confident that we will end up with a great final product after the next two projects.
Daniel Szymanski	I worked on the profile viewing pieces of this project, as well as going back afterwards and populating the actual URL's into the nav-bar, and some additional mapping throughout the site. The profile model has a 1-1 relationship with a User, so it extends into the profile class. The view generates a list of mixes that are filtered by whichever profile is being looked at to be put in it's content. Due to there not being a way to be mapped to a profile without it going through the primary key, there was no empty profile. During this process, I feel like I hit a few walls, that kept me stuck for a few hours, but with some help from groupmates, I eventually figured it out. The main struggles here were generating the mixes that belonged to the profile and mapping them backwards to the mix page they were associated with. After I was done with this part, I poked around in other areas, doing missing odds and ends such as adding the links to the nav-bar, adding in other mappings, and updating the data model diagram. 20% work.
Matthew Robinson	
Shipeng Yu	

Yuzhuo Shi	