

# Description

Both musicians and music lovers are enthusiastic, friendly, and happy to share their opinions on music, however there isn't a site for them to meet and discuss their passions. This website, with the working title MusicBook, takes on this issue by encouraging the sharing, discussion, and discovery of music via the personal connections of users on the site.



### **Features**

- Anyone can create an account and their data will persist.
- Users can make a page, which encourages the user to write about their music interests and include an embedded favorite tune.
- Users can select privacy and which kind of post they are making.



# Planning - User Stories

- Users can create an account, log in, log out, and persist data.
- Users can make a page and edit it to their specification. They can include embedded music for other users to view.
- Users can embed music in their posts.
- Users can make a post, either to "all posts" or to a specific page.
- If a user wants to view the author of a post or page it was posted to, they can do so by clicking the footnote link beneath the post.



## Planning - Database

#### Database Tables

- Users
- Posts
- Pages
- Settings
- Groups

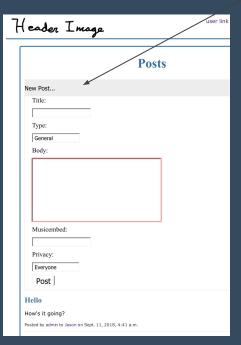


# Technology Stack

- Python V3
- Django
- Django Templates
- Sqlite3
- Others include: pip, Pillow, spotipy, wheel, and beautifulsoup4



### Demo



#### Header Image

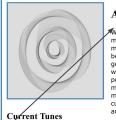
Welcome

Posts	
New Post	
Hello	persona
How's it going?	
Posted by admin to Jason on Sept. 11, 2018, 4:41 a.m.	
Have you heard Bonobo?	recommendation
Check out this guy. I saw him when he came to	St. Louis, would recommend.
bonobo	MILE SOUNDCLOUD
Kerala	Share
البل أن أن أن البيرين. • • • • • • • • • • • • • • • • • • •	
Cookie policy	1.5M
Posted by jason to Jason on Sept. 11, 2018, 4:36 a.m.	
How to Embed	recommendation
	ne embed code from the site and pasting it in the n automatic search to get the embed code would
Sunspell by Geotic	
Posted by suzan to All on Sept. 10, 2018, 10:41 p.m.	
Hi admin	genera
I am test posting on your page :)	
Posted by suzan to Admin's Page on Sept. 5, 2018, 2:10 p.m.	
Walaama	general

#### Header Image

user link Log Out Settings

user link Log Out Sett



Cookie policy

#### Admin's Page

₩elcome to my page. I am building a music-based social media site that encourages the duscussion of music and meetings of musicians and musically minded people. I will be adding more options to the page, such as preferred genres and an optional musical background section. I would also like to include an optional location section so people can meet up. I will be adding groups so people can make groups based on genre, band fandom, or other musical subjects. I just added a section for embedded current songs. I would like to add an automatic search and an embedded web player.



Posts	
Post to Admin's Page	
Hello	
How's it going?	
Posted by admin to Jason on Sept. 11, 2018, 4:41 a.m.	
Hi admin	
I am test posting on your page :)	



## What I Learned

- Django Framework, including its database and template language;
  Deeper MVC framework skills, with the addition of Django Forms
- Deeper CSS and HTML skills, incorporating basic Javascript
- SQLite3, OAuth and external API
- Full social media site development skills; user login, posts model, user pages, database relationships, and user interface



## What's Next

- Incorporating Music Streaming APIs so user may search for music within the site, which can be automatically embedded
- Make it possible for two users to start a group using django's framework, which will be linked to a page
- Add more editable options to user pages such as genre interests and editable color scheme

