Jam Circle Release Summary

Jam Circle Devs
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Key User Stories and Acceptance Criteria

- *"As a user, I want to have a place to view all my Spotify friends so that I can see their stats "*
  - Users can access a dedicated section within the app to view a list of all their JamCircle friends
  - The user page displays each friend's Spotify username and relevant statistics such as top tracks, artists, and playlists

- *"As a user, I want a profile page so that I can have more detailed stats based on my Spotify listening."*
  - The profile page includes information such as top tracks, artists, genres, listening history, and playlist insights

- *"As a user, I want to review my favorite music so I can share it with my friends and strangers"*
  - Users can add ratings to their favorite music tracks, albums, and artists
  - Reviews can be shared with friends and the wider community through the app's feed

- *"As a user, I want to comment and discuss with fellow users about music to get a better understanding and appreciation for music"*
  - *Users can post comments and engage in discussions about music tracks, albums, and artists*

- *"As a user, I want to search for songs, artists, or albums"*
  - The search feature allows users to find tracks, artists, and albums quickly and accurately

- *"As a user, I want to be able to listen to music on Jam Circle"*
  - Spotify music player is available to play music on all pages of the site
  - New music can be played when the User plays a song from the review page

- *"As a user, I want a feed of information to focus my discussion of music better"*
  - The feed includes updates on friends' reviews, comments, and listening activity

- *"As a user, I want to compare my stats to my friends in a friendly competition so that I can be entertained"*
  - Users can view comparative statistics of their music listening habits compared to those of their friends.

- *"As a user, I want a voice channel to discuss with people about music"*
  - App offers voice chat channels dedicated to discussing music topics in real-time
  - Channels offer voice and video streaming in real-time

- *"As a user I want music to play while hanging with friends to create fun study sessions"*
  - Users can initiate group music playback sessions while hanging out with friends
  - Each user has their own music player
  - Search bar used to load songs into play

Known Problems/Bugs
- On the main page, leaderboard images float above Spotify SDK player

- On the MusicRooms page, the database doesn't get updated if a user leaves the room and gets a "are you sure you want to leave" message from the browser

- Both AgoraSDK and SpotifyWebPlayerSDK might have issues on more secure browsers

- Looking up a user who doesn't have an account with Jam Circle leads to a broken user page

- User page has top tracks and top artists on top of each other instead of next.

- Artist profile images on artist searchResults page don't have consistent sizing and break if the artist has no profile image

- If playlist doesn't have an image, it shows a broken image

- When running the program from a fresh database, there might be a circular dependency error. To fix this:

  Change the default value in the model for passcode and agora_uid to empty strings in musicrooms/models.py and user/models.py respectively.

  python manage.py make migrations api user reviews musicrooms spotifyAPI
  python manage.py migrate

  Revert the above changes.

  python manage.py makemigrations user musicrooms
  python manage.py migrate

- search bar when no input blanks the no display except for the navbar.

- profile pic-url is more than 200 characters long which breaks. update the migration.
  - specific field ->users:models.py
  - profile_pic_url = models.URLField(max_length=200, blank=True, null=True) change to max_length=500

- musicRooms: joining a room and then searching results in leaving the channel button to pop up again.

- Playing a song within rooms cannot search and play a song. a song must already be playing or you must click the play button.

- visual bugs:
  - does not transition into mobile many of the features are blocked upon
  - switching the display to iphone xr or any other mobile device.

- Not having a Spotify profile picture causes incorrect image render for leaderboard and listening history

- On certain accounts, top 10 artists does not return all 10

- Occasionally Reviews will not post, re-logging fixes it

Product Backlog

- Sync music between all users in Musicrooms
- Add more stats for leaderboards
- Add song queue to Musicrooms
- Implement Playlist browsing