

Updated Spotify+ Project Plan

Team RYW

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Date: 12/15/2023

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Introduction: Scope and purpose of document (RC)

In this document, we have outlined our plans for how we are going to improve the streaming service app, Spotify. The team has included details about specific modifications or improvements, project schedule, system context diagram, and the goals that we would like to achieve. It is smart to have a project plan so that we do not deviate from the main goal that we are trying to achieve. It is also good to get the ideas laid out upfront instead of keeping them in our brains so we can work them out deeper and as a group.

Spotify is the most used music streaming platform available at the moment. Considering how loved the app is, our plan is to not “reinvent the wheel” as they say. As a team, we put our heads together to figure out our biggest problems with our app and decided on ways that we could potentially fix them. We want to keep Spotify as it is but make adjustments to the app that would make it more beneficial to all users across the world.

Problem/Opportunity Description (YR):

In our reworked version of the Spotify app, Spotify+, the group's vision is to completely change how music is found, shared, and listened to. As it stands, Spotify's creators made an app that ignores the social aspect that comes with millions of people tuning in every day. In Spotify+, this social aspect will be taken advantage of. In addition to socializing the app, the group intends to tailor the app to each individual so everyone has their own unique experience. We feel that if the app is molded to each user instead of following global trends or molding to the mass of users, Spotify would be easier to navigate and more enjoyable for everyone.

System Scope - Anticipated Business/Personal Benefits (WG):

By creating Spotify+, we hope to achieve the perfect third-party music-streaming platform for all music enthusiasts. Users will notice that the app's primary priority is to optimize their experience while listening to music.

Revamps to the social aspect of the app will allow users to connect with their friends and share music like never before. Sharing new playlists you've made or songs you've discovered with your friends will be easier than ever, and this will, in turn, make discovering new music easier as well. Spotify+ will take advantage of push notifications to help users discover popular music that their friends are listening to and newly released music from their favorite artists. Spotify+ will also have a better recommendation algorithm that is better at recommending songs of similar taste and style. On top of optimizing the app for sharing music across the internet, Spotify+ will also optimize music listening with your friends in social gatherings. This will be done by adding a karaoke feature to the app that allows users to sing along with their favorite songs with their friends.

System Capabilities (RC):

Similar Taste Sections: The home screen is filled with information that is available on other sections of the app, like the playlists section, which is available both on the home screen and in your library. The home screen needs a redesign that will advertise more Spotify-made playlists, advertise music of the same genre, or advertise less well-known artists and songs.

Socialization of Spotify: The socialization of Spotify+ would be very similar to all of the social media platforms out there like Instagram or Twitter. This socialization aspect can be done by adding an activity feed, or ways for users to direct message each other. Still, we want it to be

different from other social media. To do this, users would only be able to post about music-related things. This means they can share albums, playlists, individual songs, artists and even break down the lyrics with each other.

Push notifications: How could you keep up to date with your favorite artists?

Notifications is a great way. The moment your favorite artist releases music you will be notified immediately so you can be the first to hear. This includes being notified of a song or an album. All the user has to do is press follow on their favorite artist.

Music Tags: Music tags are a great way to organize songs even if you don't want them in a playlist. It is much easier to add a tag to a song than to create an entire playlist for something specific. For example, you can do a vague tag like "rap", or you can be very specific and tag a song as "gym". Anything with the same tag will be grouped.

Collaborated Queue: Everyone wants to be connected to the speakers, but only one person can. This is a common problem in the car, or maybe at a party. The collaborated queue is where your friends add to the "YOUR" queue from their phone. Others don't have to be connected to the speakers, just one user.

Sound Editing Feature: The user is presented with volume mixers connected to each instrument detected in the song. This allows the user to amplify or silence instruments or voices so they can sing, or play along too. This is a good way to practice your instrument or do karaoke.

Staff Organization (WG):

Yuness is our team leader. We stay organized by keeping in touch on Slack to ensure that we are all on the same page and have the same goal in mind for our project. GitHub is updated

by any of the team members, and we make it a priority for the team leader to update our Trello board so we can stay on top of our work and know what needs to be done every week.

Tracking and Control Mechanisms (YR):

We plan on communicating every week on exactly what needs to be done and by who needs to do what. This will be done through the use of Slack/ email, after class, or during the meetings at the start of class. To keep documents in sync, we use Google's various tools, such as Google Docs.

Spotify+ System Context Diagram

Try to eliminate requests and maybe condense them. For example Push Notification Request could be a New Music Notification and just a Music Tag

Spotify+ Project Schedule

Good. Also, include Resource Names assigned to each task and add predecessors, add this review and update, and then the creation of the other two documents.