# “Beatitude”

An app to link Spotify playback with MapKit and allow users to create and experience location-based playlists.

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## Audience

The app will target people with premium Spotify accounts, which includes 70 million people globally. The app will interest people with a new take on music experience, and allow them to create and share mood and experiences

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## Experience

The app has a quick onboarding message of how it works then asks them to sign into Spotify one time. The user will see a table-view of their created playlists with the option to create a new experience. When the user creates a new experience, they are taken to a MapView where they are able to drop, edit, and delete pins and their corresponding radiuses to create zones. As they set the zones, they are able to do a Spotify search for a song and set the link with Spotify URI. In the experience list, users are able to play a playlist, which will run in the background updating users’ current location. As they enter a new tagged zone, the corresponding song will start playing in a Spotify player.

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# Technical

## Models

We will be dealing with CoreData and MapKit Data

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## Views

A Welcome View and Spotify login page

A table view of playlists with an add and edit button, displaying playlist names and mini descriptions.

A Map with Spotify search bar for creating experiences.

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## Controllers

I will need a view controller for each screen.

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## Other

I will need to integrate Spotify SDK and Mapkit. I was hoping to have a sharing aspect of the playlists, like a linking, so maybe Firebase.

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# Weekly Milestone

## Week 4 - Usable Build

- Create a Mapview

- Integrate Spotify and search and linking

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## Week 5 - Finish Features

- Core Data to store playlist info

- Player

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## Week 6 - Polish

- Beautification

- Sharing Element (if possible)