

**Course:** CS 1951V Hypertext/Hypermedia

**Title:** ConnectTheSpots: A Hypermedia Music System

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**Abstract:** ConnectTheSpots is a hypermedia music system that aims to connect people around the world, one song at a time. It provides users a platform to connect with other users and to draw connections between songs (represented as song nodes) using hyperlinks. To find a song node to interact with, users can search for a song in the existing songs database, scroll through the home page which contains the entire song database, or filter by tags which are categorized by mood (happy, sad, romantic, calming etc). Once a song node is selected, users can add tags to the song, follow links to other song nodes from comments, add comments themselves, and upvote comments. Comments can contain links to other songs and can include timestamps (on both the anchor song and linked song). An optional feature is connecting with Spotify. Users can log in with their spotify account if desired. Once connected, they can listen to music through the Web Playback SDK, add songs to their playlist of choice or make a new playlist to add the song node too. They also can add new songs to the database. If they are logged in and listening to music, following a link automatically plays the linked song. If the link contains a timestamp the song automatically is scrubbed to that time stamp and starts playing from there. I used the spotify API in order to connect the system with Spotify. The final website is live at <https://connect-the-spots-auth.web.app/> (but is a WIP as I am gradually improving it). This was a full stack project, primarily written in TypeScript, using the MERN (MongoDB, Express, React and Node.js) stack.

ConnectTheSpots

Log In

Home

129 songs

Tags

happy

sad

fun

romantic


uplifting

angry

nostalgic

pop


calming



🎵

All Too Well (10 Minute V...

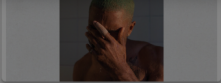
by Taylor Swift



🎵

gold rush


by Taylor Swift



🎵

Pink + White

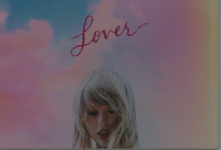
by Frank Ocean



🎵

Ivy


by Frank Ocean



🎵

Death By A Thousand Cuts


by Taylor Swift



🎵

Bob Dylan


Bringing It All Back Home



🎵

Midnights


by Taylor Swift



🎵

Midnights

by Taylor Swift



🎵

Midnights

by Taylor Swift

Welcome To ConnectTheSpots

ConnectTheSpots is a hypermedia music system that aims to connect people around the world, one song at a time.

You can search for a song in our database, search by tags, tag songs, follow links in comments, add comments yourself, and upvote comments.

(Optional) Press the *Log In* Button in the top right corner to connect your Spotify account. Once connected, you can listen to music, add songs to your playlist(s) of choice, and add new songs to our database.

Enjoy!

ConnectTheSpots

Log In

sad

18 songs

Tags

happy

sad

fun

romantic


uplifting

angry

nostalgic

pop


calming



🎵

right where you left me - ...


by Taylor Swift



🎵

All Too Well (10 Minute V...

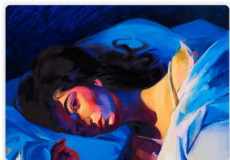
by Taylor Swift



🎵

Vienna

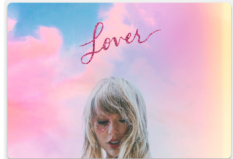
by Billy Joel



🎵

Liability

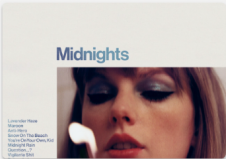
by Lorde



🎵

Death By A Thousand Cuts

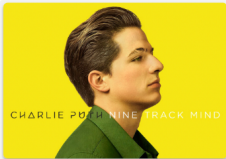
by Taylor Swift



🎵

Would've, Could've, Shou...

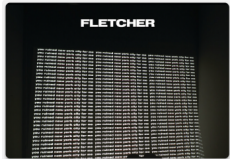
by Taylor Swift



🎵

We Don't Talk Anymore (f...


by Charlie Puth



🎵

All Love


by FLETCHER



🎵

Midnights

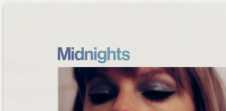
by Taylor Swift



🎵

Midnights


by Taylor Swift



🎵

Midnights

by Taylor Swift



🎵

Midnights

by Taylor Swift

ConnectTheSpots

Log In

Tags

happy

sad

fun

romantic

uplifting

angry

nostalgic


pop

calming

All Too Well (10 Minute Version)(Taylor's Version) (From The Vault)

Taylor Swift

Add To Playlist



+ happy

+ sad

+ fun

+ romantic

+ uplifting

+ angry

+ nostalgic

+ pop

+ calming

happy

sad

pop

fun

uplifting

0

Cathy

December 12, 2022 9:10 PM

All too well~~~

1

Gordon

December 12, 2022 9:12 PM

these songs meant the world to me

0

Follow link to right where you left...

isabella

September 1, 2022 8:35 AM

i LOVE THIS SONG.

348

Follow link to Would've, Could've, ...

0:40

Lika

December 12, 2022 9:36 PM

taylor swift number one!

0

Follow link to right where you left...

0:20

shelby

December 13, 2022 2:10 PM

love this

0

rob

January 8, 2023 1:13 AM

cool!


ConnectTheSpots

Log In

right where you left me - bonus track

Taylor Swift

Add To Playlist



+ happy

+ sad

+ fun

+ romantic

+ uplifting

+ angry

+ nostalgic

+ pop

+ calming

romantic

fun

pop

sad

3 Comments

Sort By

Don't show links

Add Comment

December 12, 2022 8:55 PM

they are my all time favourites!

2

Follow link to All Too Well (10 Min...

Gordon

December 12, 2022 9:12 PM

these songs meant the world to me

0

Follow link to All Too Well (10 Min...

Lika

December 12, 2022 9:36 PM

taylor swift number one!

0

Follow link to All Too Well (10 Min...

0:20

james

December 12, 2022 11:59 AM

why was this only on the deluxe version is the real question

6

Kat

December 10, 2022 11:59 AM

I love this song!

5

Ellie

December 11, 2022 11:59 AM

Such a sad song