

Spotify-ed

Music recommendation and discovery in Spotify

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RAMA Relational Artist MAs

RAMA Relational Artist MAPs

Why RAMA?



RAMA

Relational Artist MApps

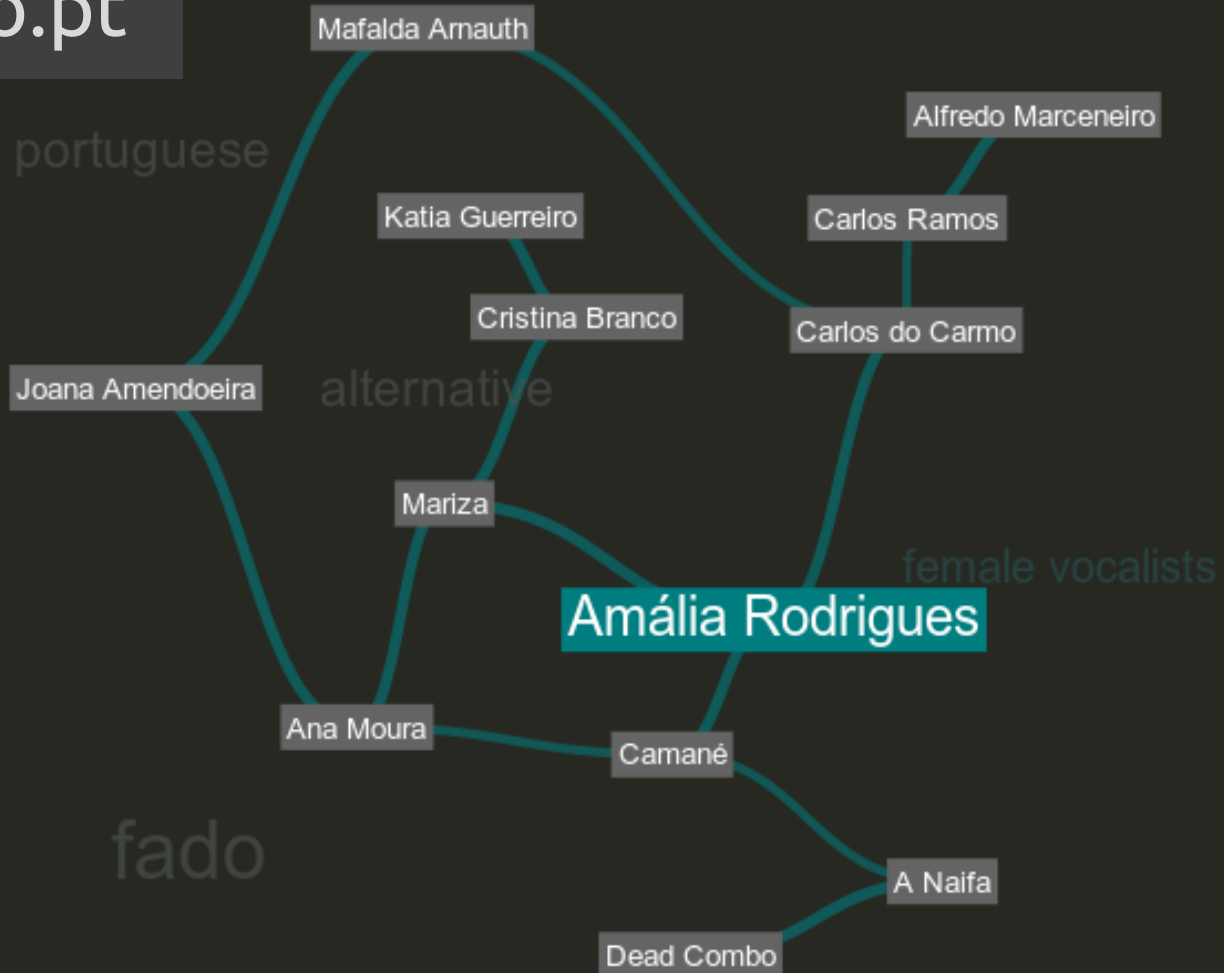
What is RAMA?

rama.inescporto.pt

RAMA Relational Artist MAs

What is RAMA?

rama.inescporto.pt



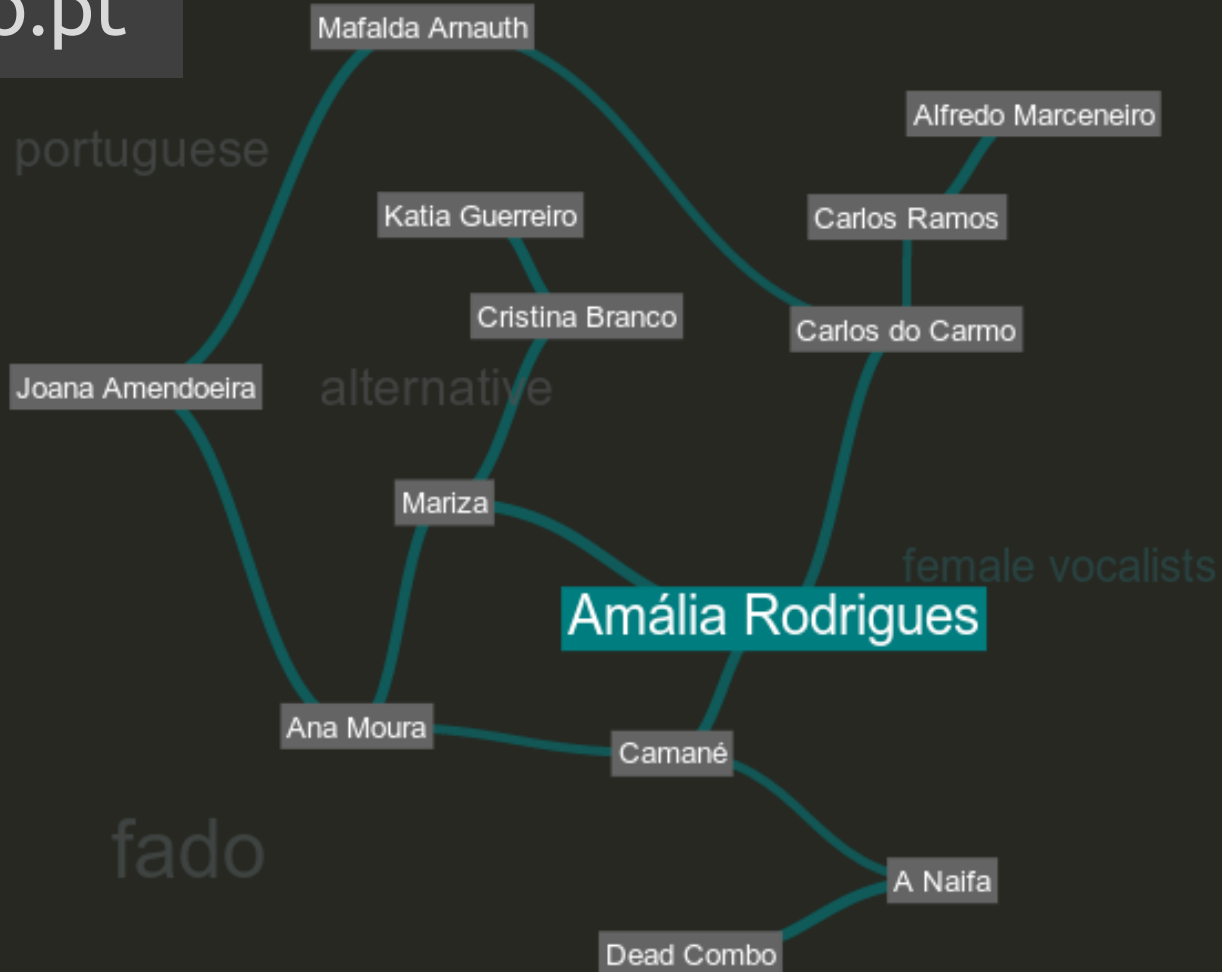
RAMA Relational Artist MAPs

What is RAMA?

rama.inescporto.pt

artist metadata from

last.fm



RAMA Relational Artist MAPs

What is RAMA?

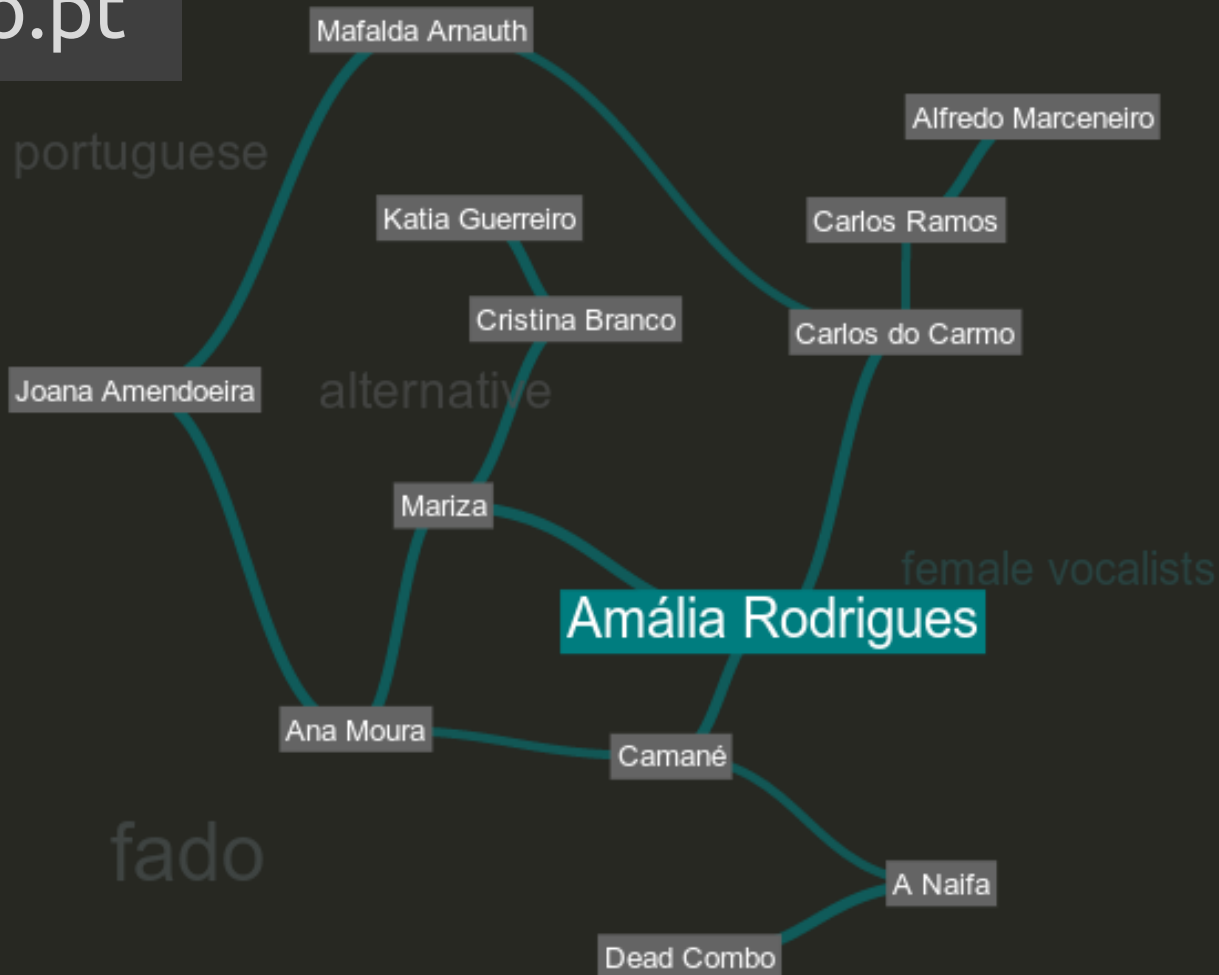
rama.inescporto.pt

artist metadata from

last.fm

music stream from

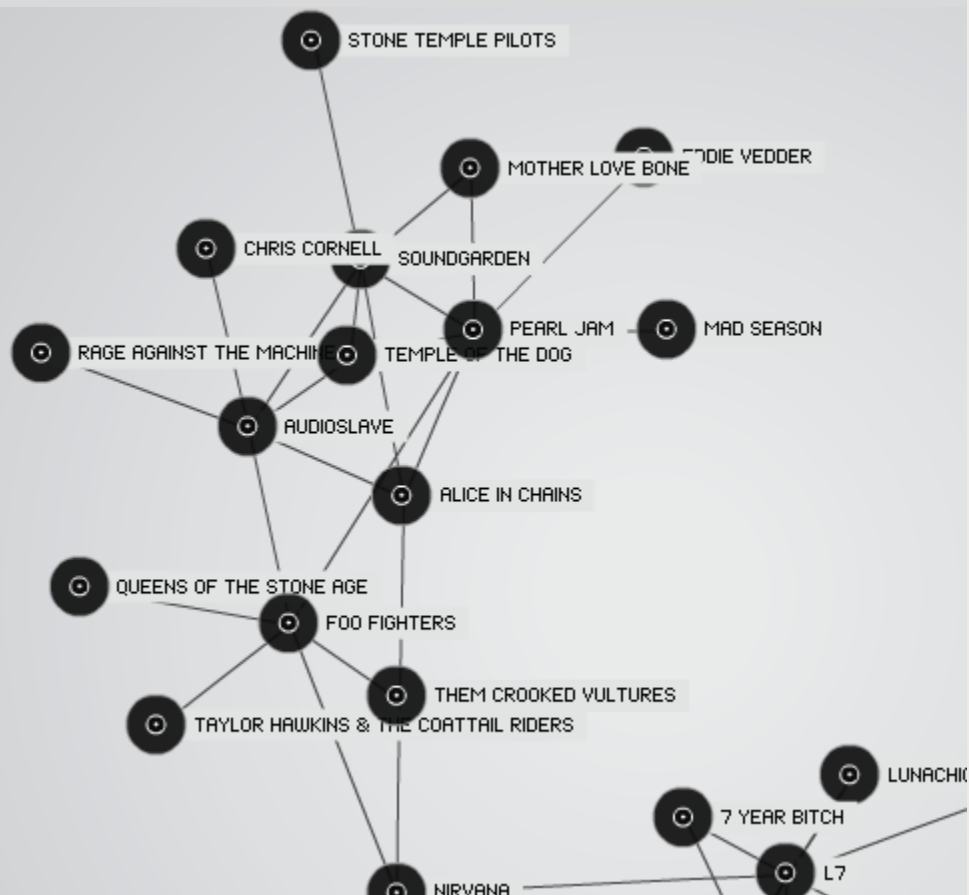
YouTube



RAMA Relational Artist MAPs

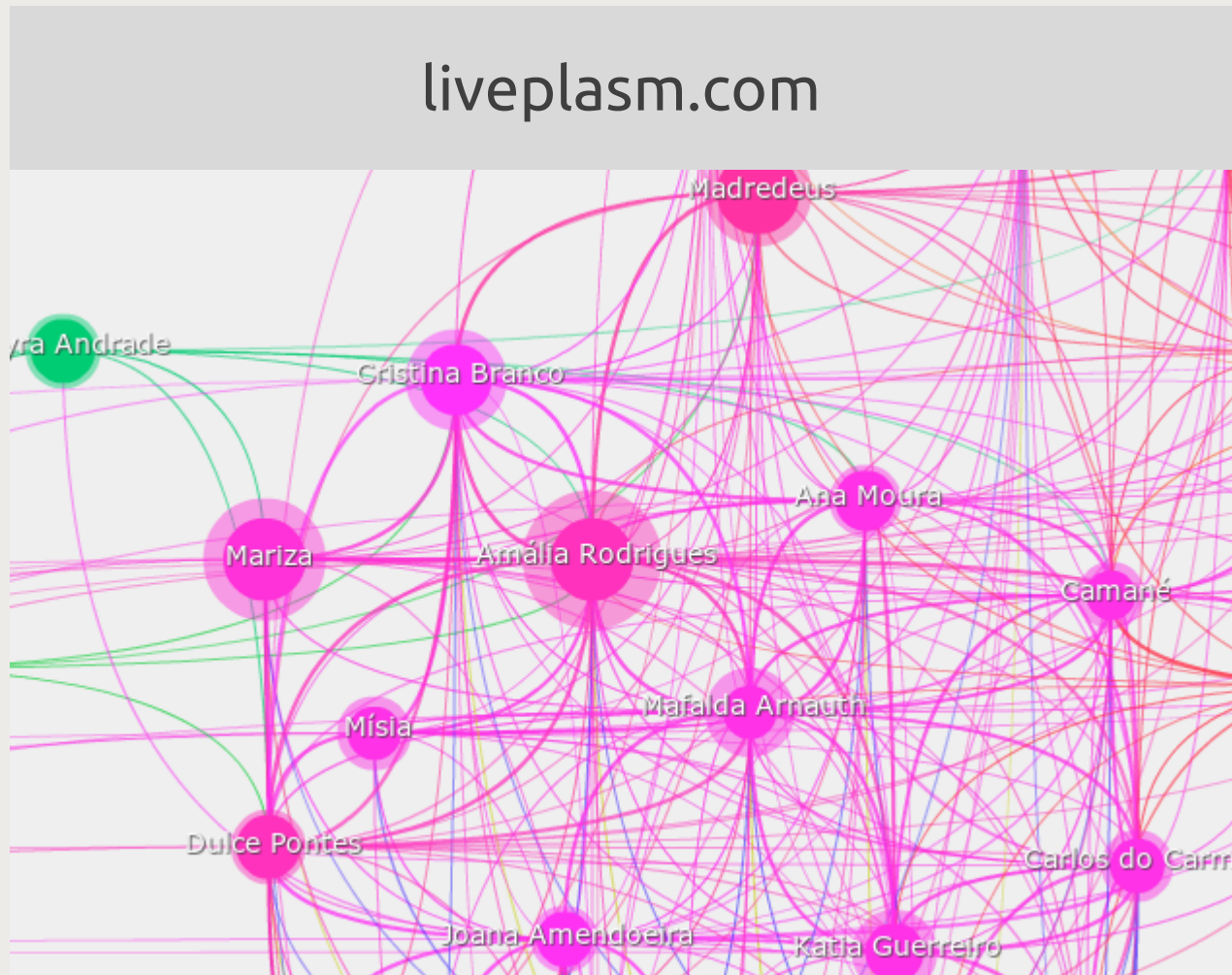
State of the art

audiomap.tunegluue.net



RAMA Relational Artist MAPs

State of the art



RAMA Relational Artist MApps

where it falls short

music stream from



RAMA

Relational Artist MApps

where it falls short

music stream from

Problems?



RAMA Relational Artist MApps

where it falls short

music stream from



Problems?

video's sound quality is not
adequate

RAMA Relational Artist MAs

where it falls short

music stream from



Problems?

video's sound quality is not
adequate

no music related metadata on
Youtube

music stream from



Problems?

video's sound quality is not
adequate

no music related metadata on
Youtube

Youtube is not a music streaming service

Spotify

Spotify

a real music streaming service

Spotify

a real music streaming service

music streaming service

Spotify

a real music streaming service

music streaming service

metadata and digital content managed by Spotify

Spotify

a real music streaming service

music streaming service

metadata and digital content managed by Spotify

just hit play and you're ready to rock

Spotify

a real music streaming service

music streaming service

metadata and digital content managed by Spotify

just hit play and you're ready to rock

Spotify has browse/discovery mode and related artists

Spotify

why spotify?

The screenshot displays the Spotify desktop application interface. On the left is a dark sidebar with navigation options: MAIN (Discover, Follow, Messages, Play Queue, Devices) and APPS (App Finder, Top Lists, Radio, Hype Machine, Last.fm, musiXmatch, Pitchfork, Soundrop, Tastebuds, uDiscover). Below these is a COLLECTION section with Library and Local Files. At the bottom of the sidebar is a music player for 'Natural Blues' by Moby, showing a play button and a progress bar at 1:44.

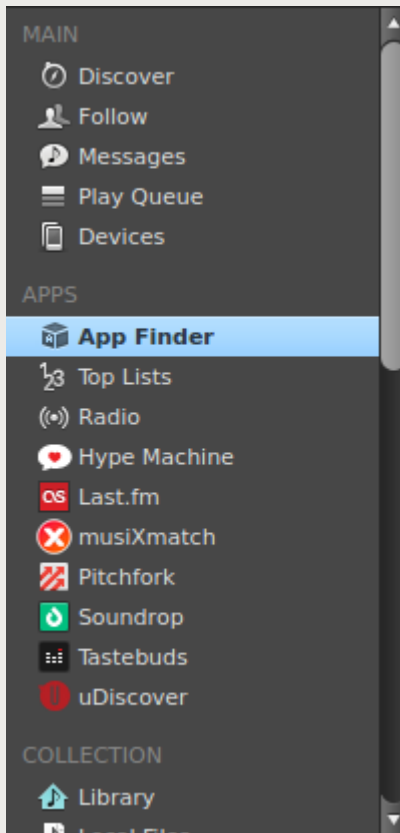
The main content area features a dark header with 'Pitchfork.com' and navigation links for 'All Reviews', 'Best New Albums', and 'Playlists'. The Pitchfork logo is prominently displayed. Below the header, three album reviews are featured:

- Heatsick**
Re-Engineering
6.8
+ Add as Playlist
For his new album *Re-Engineering*, producer and artist Steve Warwick—who records as Heatsick—draws on a wide range of influences, be it his own art...
- Francis and the Lights**
Like a Dream EP
7.0
+ Add as Playlist
Save for production work on Drake's *Thank Me Later* and the occasional performance piece, it's been a quiet couple of years for Francis and the Lights. The...
- bEEdEEgEE**
SUM/ONE
6.8
+ Add as Playlist
Gang Gang Dance multi-tasker Brian DeGraw's debut LP under his bEEdEEgEE moniker features vocals from bandmate Lizzi Bougatsos, Hot Chip's Alexis...

At the bottom of the main area, there are three horizontal image banners: 'BLACK', a landscape scene, and a black and white photo of a person.

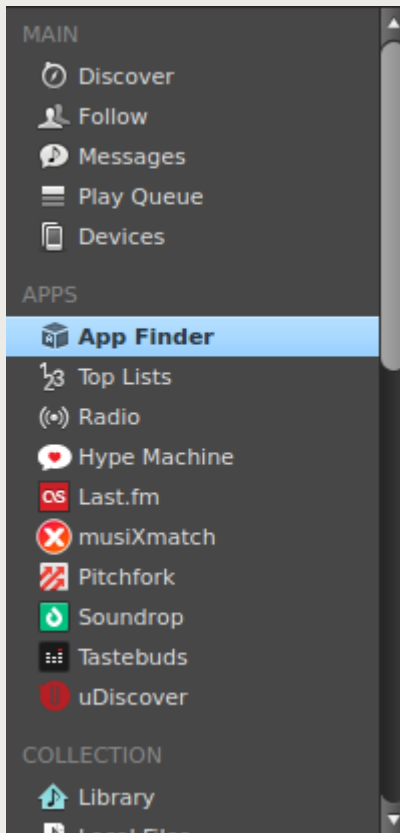
Spotify

why spotify?



Spotify

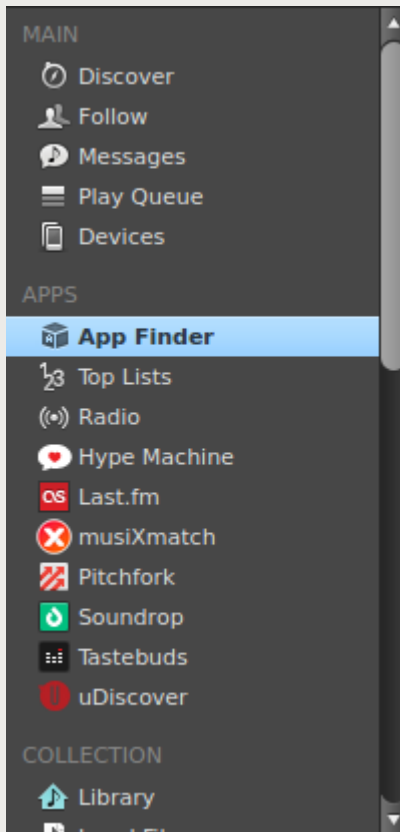
why spotify?



App Finder: built-in app store (all apps are free)

Spotify

why spotify?

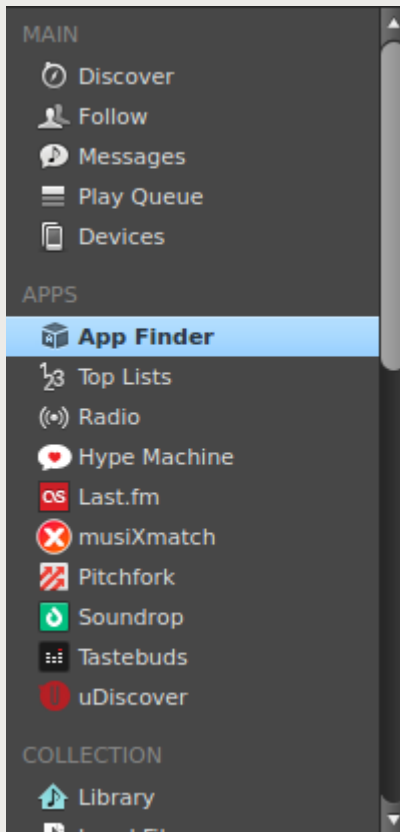


App Finder: built-in app store (all apps are free)

one click to install an app

Spotify

why spotify?



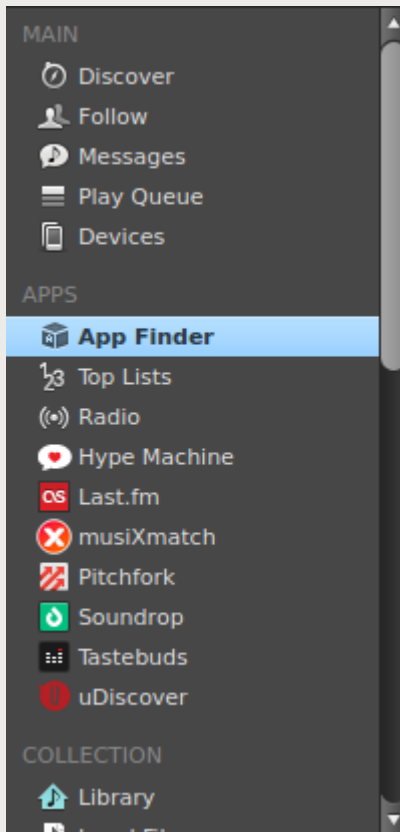
App Finder: built-in app store (all apps are free)

one click to install an app

app runs inside spotify desktop client

Spotify

why spotify?



App Finder: built-in app store (all apps are free)

one click to install an app

app runs inside spotify desktop client

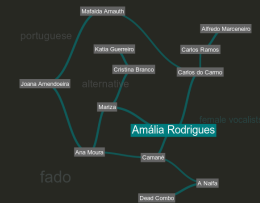
web development (html, css, javascript)

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Solution

Connects Spotify and RAMA



Spotify-ed

Solution

Connects Spotify and RAMA



Through a Spotify App

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State of the art

The screenshot displays the Spotify web application interface. On the left is a dark sidebar with navigation options under 'MAIN' (Discover, Follow, Messages, Play Queue, Devices) and 'APPS' (App Finder, Top Lists, Radio, Hype Machine, Last.fm, musiXmatch, Pitchfork, Soundrop, Tastebuds, uDiscover). Below these are 'COLLECTION' items (Library, Local Files, Starred, New Playlist) and a list of items (Gaijin Games, Kubbi, Jack Johnson). At the bottom of the sidebar is a video player for 'MOBY PLAY' and a music player for 'Natural Blues' by Moby. The main content area is titled 'Top Apps All Apps' and features a grid of 14 app cards, each with an icon, name, description, category, and an 'Add' button.

Rank	App Name	Description	Category	Status
1.	musiXmatch	World's Largest Lyrics Catalog to sing along with friends	Lyrics	Added
2.	TuneWiki	Get synced lyrics and sing along to your favorite songs!	Lyrics	Add
3.	Tunigo	Find playlists for all occasions and discover great music.	Discovery	Add
4.	Last.fm	Personalised recommendations based on the music you play	Discovery	Added
5.	Pitchfork	The Essential Guide to Independent Music & Beyond.	Reviews	Added
6.	Billboard Top Charts	Billboard Top Charts highlights songs from the popular weekly charts.	Top Charts	Add
7.	Lazify	Tired of creating playlists? Lazify, the app for the lazy.	Discovery	Add
8.	Soundrop	Discover music and chat with people from around the world	Social	Added
9.	Playlists.net	Over 145,000 quality playlists, charts, reviews & more.	Discovery	Add
10.	Any Decent Music?	The ADM chart: the most critically acclaimed new albums.	Reviews	Add
11.	NME	The best new music, recommended for you	Reviews	Add
12.	Rolling Stone Recommends	Hear the best albums, songs and playlists, by RS editors.	Reviews	Add
13.	Top10			Add
14.	Twitter #Music			Add

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Work Plan

Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Jun

Spotify-ed

Work Plan

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Mar

Apr

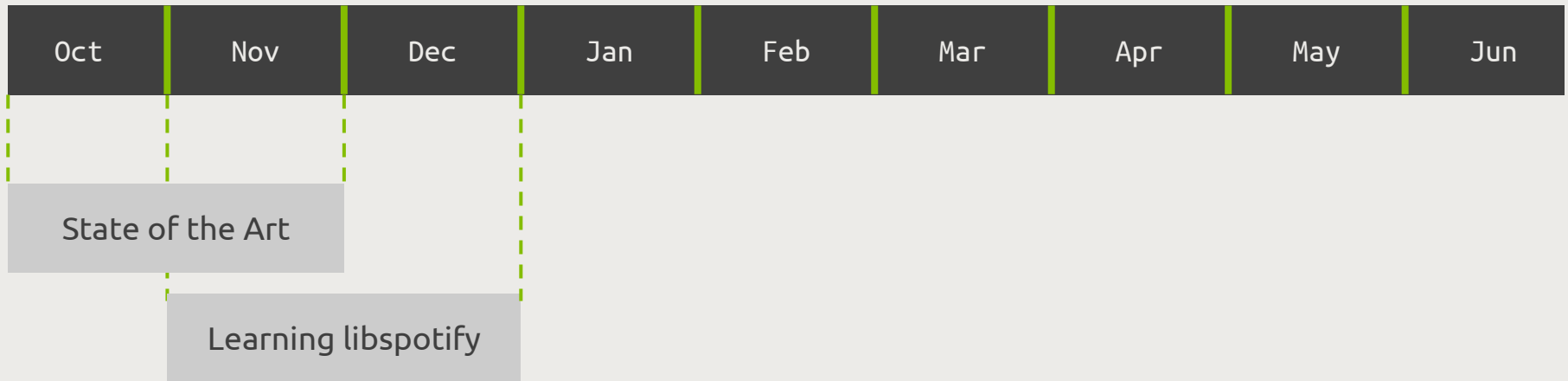
May

Jun

State of the Art

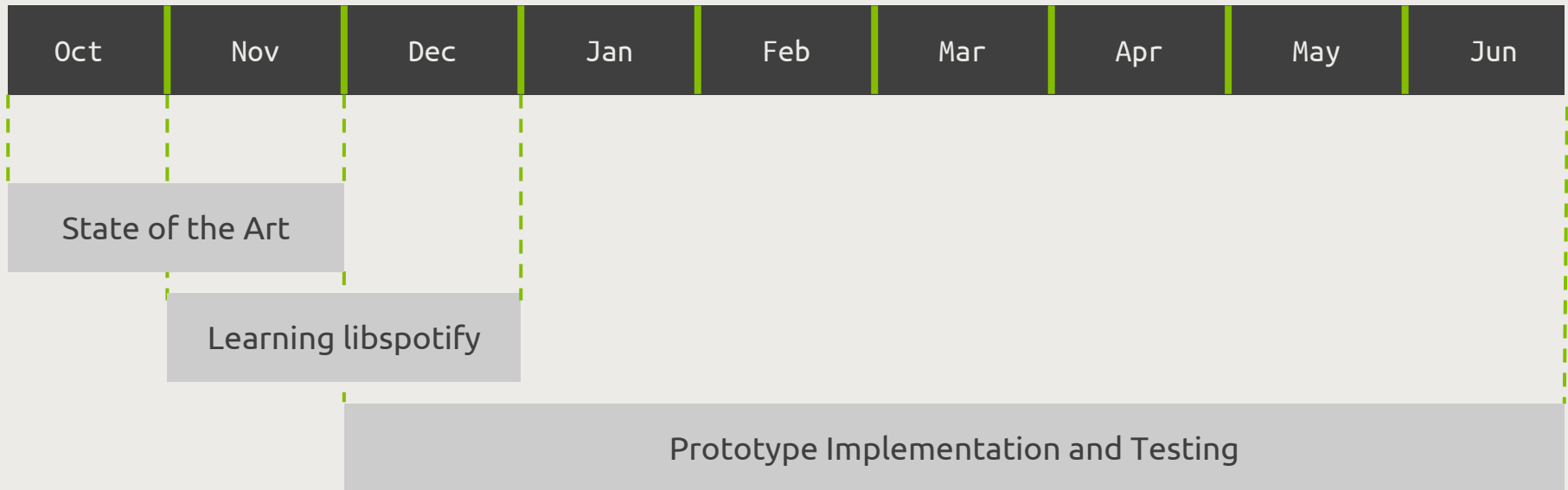
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Work Plan



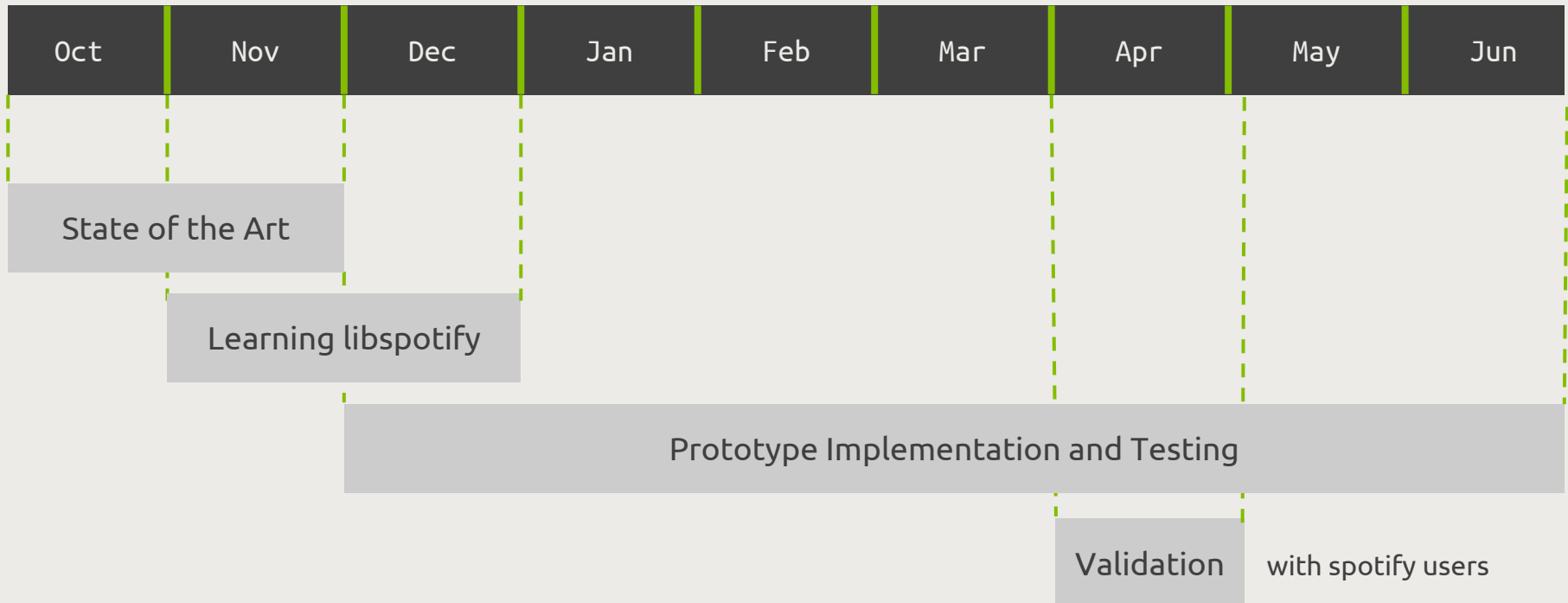
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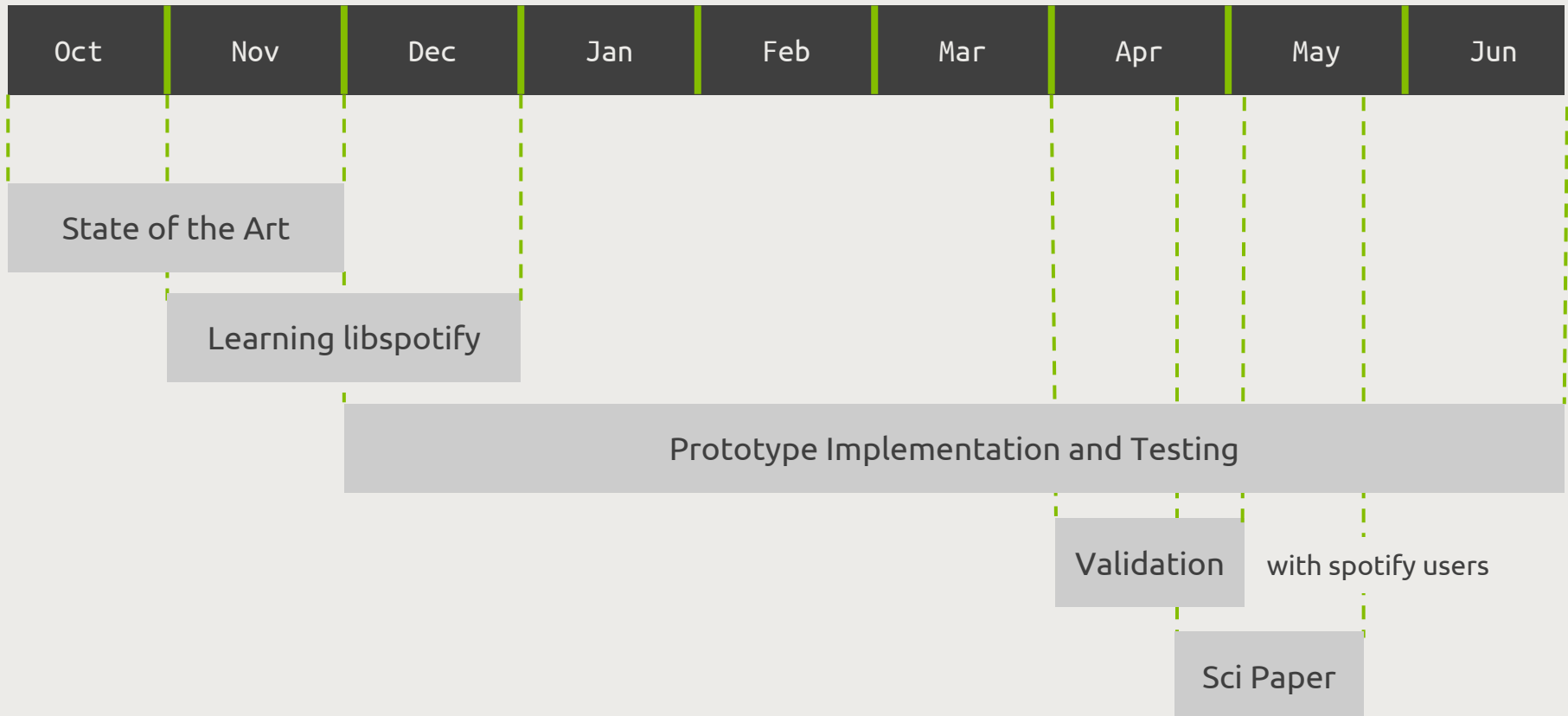
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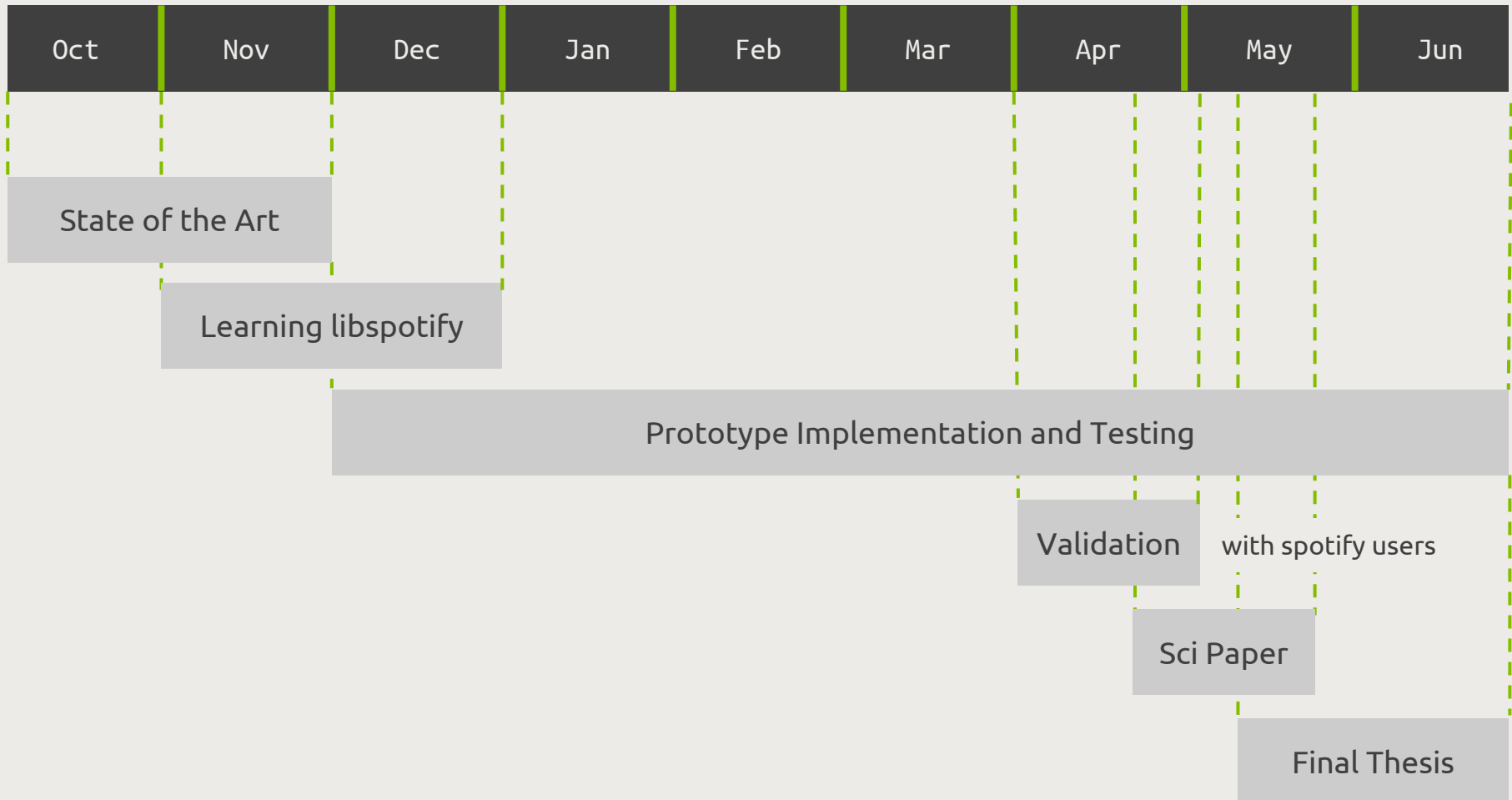
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