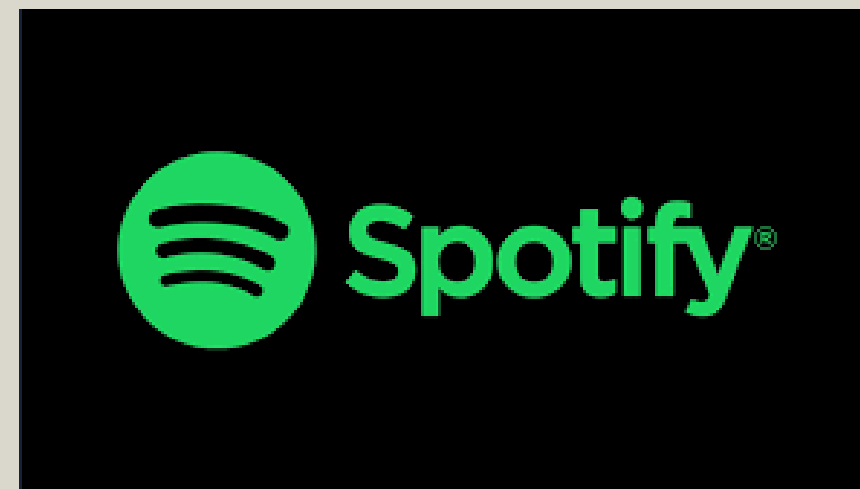Project Document

Spotify

Sourabh Avinash Deshmukh

Aishwarya Shubham Deshmukh

2022 August 26

OVERVIEW

Spotify is a music streaming app that transmits music without delays, thanks to a peer-to-peer system. In simple terms, each user of the service is a separate microservice for interactive data exchange. Spotify searches for nearby devices on which this song is stored in the cache. The interesting point is that it is not necessary for one user to transfer the entire track cache. Spotify works by collecting chunks of tracks from multiple devices to completely eradicate playback delays.

Spotify has a lot of features and differences that distinguish this streaming music service from its competitors. However, let's move on to the most interesting part of our article, namely developing an application like Spotify.

ABOUT US

With Spotify, it's easy to find the right music or podcast for every moment – on your phone, your computer, your tablet and more. There are millions of tracks and episodes on Spotify. So whether you're behind the wheel, working out, partying or relaxing, the right music or podcast is always at your fingertips. Choose what you want to listen to, or let Spotify surprise you.

You can also browse through the collections of friends, artists, and celebrities, or create a radio station and just sit back.

GOALS

First things first, to create an application like Spotify, you need to study in detail Spotify itself and the idea behind it. The reason for this is that Spotify is very different from competitors in the market. Now, let's take a closer look at how we will develop Spotify website,

1. **Login Page**
2. **Premium Subscription Page**
3. **Payment Page**
4. **Streaming Page**
5. **Login and Logout page**

TECHNOLOGIES USED FOR DEVELOPING WEBSITE

Front End:
1. HTML
2. CSS
3. BootStrap

Code Compilers
1. Visual Code Studio
2. Gitbash
3. Github