Spotify Clone Report file

This document contains a clone of the popular music streaming platform Spotify, aimed at replicating its core features and user experience. I was responsible for the entire frontend development, utilizing technologies such as HTML, and CSS. The frontend clone showcases a functional interface that includes features like music browsing, playlist display, and album details

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Overview

This Spotify Clone is a static web application created using only HTML and CSS, designed to provide a visually appealing representation of a music streaming platform. This project focuses on delivering an intuitive user interface that mimics the look and feel of Spotify while showcasing fundamental web design principles.

It includes the following key sections:

- Sidebar (with Home, Search, Library options)

- Main content area (navigation bar, recently played, album covers, playlists, etc.)

- Player controls (song playing, play, pause, forward, backward, all control icons)

HTML Structure

```
<!DOCTYPE html>
<html lang="en">
```

```html
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Spotify Web Player:Music for everyone</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.6.0/css/all.min.css" integrity="sha512-Kc323vGBEqzTmouAECnVceyQqyqdsSiqLQISBL29aUW4U/M7pSPA/gEUZQqv1cwx4OnYxTxve5UMg5GT6L4JJg==" crossorigin="anonymous" referrerpolicy="no-referrer" />
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@300;400;500;600;700&display=swap" rel="stylesheet">
    <link rel="icon" href="./assets/logo.png">
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="main">
        <div class="sidebar">
            <div class="nav">
                <div class="nav-option" style="opacity:1">
                    <i class="fa-solid fa-house"></i>
                    <a href="#">Home</a>
                </div>
                <div class="nav-option">
                    <i class="fa-solid fa-magnifying-glass"></i>
                    <a href="#">Search</a>
                </div>
            </div>
            <div class="library">
                <div class="options">
                    <div class="lib-options nav-option">
                        <img src="./assets/library_icon.png">
                        <a href="#">Your Library</a>
                    </div>
                    <div class="icons">
                        <i class="fa-solid fa-plus"></i>
                        <i class="fa-solid fa-arrow-right"></i>
                    </div>
                </div>
                <div class="lib-box">
```

```html
            <div class="box">
                <p class="box-p1">Create your first playlist</p>
                <p class="box-p2">It's easy, we will help you</p>
                <button class="badge">Create playlist</button>
            </div>
            <div class="box">
                <p class="box-p1">Let's find some podcasts to follow</p>
                <p class="box-p2">We'll keep you updated on new episodes</p>
                <button class="badge">Browse podcasts</button>
            </div>
        </div>
    </div>
</div>
<div class="main-content">
    <div class="sticky-nav">
        <div class="sticky-nav-icons">
            <img src="./assets/backward_icon.png">
            <img src="./assets/forward_icon.png" class="hide">
        </div>
        <div class="sticky-nav-options">
            <button class="badge nav-item hide">Explore Premium</button>
            <button class="badge nav-item dark-badge"><i class="fa-regular fa-circle-down" style="margin-right:5px"></i>Install App</button>
            <i class="fa-regular fa-user"></i>
        </div>
    </div>
    <h2>Recently Played</h2>
    <div class="card-container">
        <div class="card">
            <img src="./assets/card1img.jpeg" class="card-img">
            <p class="card-title">Top 50 -Global</p>
            <p class="card-info">Your daily update of most played tracks...</p>
        </div>
    </div>
    <h2>Trending now near you</h2>
    <div class="card-container">
        <div class="card">
            <img src="./assets/card2img.jpeg" class="card-img">
            <p class="card-title">Darshan Raval</p>
            <p class="card-info">All hits of Darshan Raval-Mahiye Jinna Sohna,...</p>
```

```html
      </div>
      <div class="card">
        <img src="./assets/card8img.jpg" class="card-img">
        <p class="card-title">Kesariya</p>
        <p class="card-info">From-Bhramastra Artists-Arijit Singh...</p>
      </div>
      <div class="card">
        <img src="./assets/card7.jpg" class="card-img">
        <p class="card-title">Darasal</p>
        <p class="card-info">From-Raabata Artists-Pritam,Atif Aslam....</p>
      </div>
      <div class="card">
        <img src="./assets/card3img.jpeg" class="card-img">
        <p class="card-title">Lofi Songs</p>
        <p class="card-info">Artists-Rahat Fateh Ali Khan,Vishal
Mishra...</p>
      </div>
      <div class="card">
        <img src="./assets/card4img.jpeg" class="card-img">
        <p class="card-title">Naa Ready</p>
        <p class="card-info">From-Leo(Telugu) Artists-Anirudh Ravi...</p>
      </div>
    </div>
    <h2>Featured Charts</h2>
    <div class="card-container">
      <div class="card">
          <img src="./assets/card5img.jpeg" class="card-img">
          <p class="card-title">Top Songs Global</p>
          <p class="card-info">Top most played songs globally</p>
      </div>
      <div class="card">
        <img src="./assets/card6img.jpeg" class="card-img">
        <p class="card-title">Top Songs India</p>
        <p class="card-info">Top most played songs all over India</p>
      </div>
      <div class="card">
        <img src="./assets/card1img.jpeg" class="card-img">
        <p class="card-title">Top 50 -Global</p>
        <p class="card-info">Your daily update of most played tracks...</p>
      </div>
    </div>
    <div class="footer">
```

```html
            <div class="line"></div>
        </div>
    </div>
    <div class="music-player">
        <div class="album">
            <img src="./assets/daylight.jpeg" class="song-img">
            <div class="container">
                <h1 class="first">Daylight</h1>
                <p class="second">David Kushner</p>
            </div>
            <div><i class="fa-regular fa-heart"></i></div>
            <div><i class="fa-solid fa-tv"></i></div>
        </div>
        <div class="player">
            <div class="player-control">
                <img src="./assets/player_icon1.png" class="player-control-icon">
                <img src="./assets/player_icon2.png" class="player-control-icon">
                <img src="./assets/player_icon3.png" class="player-control-icon"
style="opacity:1; height: 2rem;">
                <img src="./assets/player_icon4.png" class="player-control-icon">
                <img src="./assets/player_icon5.png" class="player-control-icon">
            </div>
            <div class="playback-bar">
                <span class="curr-time">00:00</span>
                <input type="range" min="0" max="100" class="progress-bar">
                <span class="total-time">03:43</span>
            </div>
        </div>
        <div class="control">
            <div class="control-icons"><i class="fa-duotone fa-solid fa-
play"></i></div>
            <div class="control-icons"><i class="fa-solid fa-
microphone"></i></div>
            <div class="control-icons"><i class="fa-solid fa-bars"></i></div>
            <div class="control-icons"><i class="fa-light fa-house-
laptop"></i></div>
            <div class="control-icons"><i class="fa-solid fa-volume-
high"></i></div>
            <div class="playback-bar" style="opacity:1;">
                <input type="range" min="0" max="100" class="progress-bar">
            </div>
        </div>
```

```
      </div>
    </div>
  </body>
  </html>
```

CSS Styling

```css
body{
  font-family: "Montserrat", sans-serif;
  margin:0;
  background-color: black;
  color:white;
  overflow:hidden;
}
.main{
  display:flex;
  height:100vh;
  padding:0.5rem;
}
.sidebar{
  background-color: black;
  width:340px;
  border-radius: 1rem; /*16px*/
  margin-right: 0.5rem;
}
.main-content{
  background-color: #121212;
  /* rest all space give to main content */
  flex:1;
  border-radius: 1rem;
  overflow:auto;
  padding:0 1.5rem 0 1.5rem;
}
.music-player{
  background-color: black;
  position:fixed;
  bottom:0px;
  width:100%;
  height:72px;
}
a{
```

```css
        text-decoration: none;
        color:white;
    }
    .nav{
        height:100px;
        padding: 0.5rem 0.75rem;
        background-color: #121212;
        border-radius: 1rem;
        display:flex;
        flex-direction:column;
        justify-content:center;
    }
    .nav-option{
        line-height: 2.5rem;
        opacity:0.7;
        padding:0.5rem 0.75rem;
    }
    .nav-option:hover{
        opacity:1;
    }
    .nav-option a{
        font-size: 1.25rem;
        margin-left: 1rem;
    }
    .nav-option i{
        font-size: 1rem;
    }
    .library{
        background-color: #121212;
        border-radius: 1rem;
        height:100%;
        margin-top:0.5rem;
        padding:0.5rem 0.75rem;
    }
    .options{
        display:flex;
        justify-content: space-between;
        align-items:center;
    }
    .lib-options img{
        height:1.25rem;
        width:1.25rem;
```

```css
}
.icons{
    font-size: 1.25rem;
    display:flex;
}
.icons i{
    opacity:0.7;
    margin-right: 1rem;
}
.icons i:hover{
    opacity: 1;
}
.box{
    background-color: #232323;
    height:8rem;
    border-radius: 0.75rem;
    margin:0.75rem 0 0.75rem 0;
    padding:0.75rem 1rem;
}
.box-p1{
    font-size:1rem;
    font-weight: 500;
}
.box-p2{
    font-size:0.85rem;
    opacity:0.9;
}
.badge{
    background-color: white;
    border:none;
    border-radius:100px;
    padding:0.25rem 1rem;
    font-weight: 700;
    margin-top:0.5rem;
    height:2rem;
    width:fit-content;
}
.sticky-nav{
    position:sticky;
    top:0;
    background-color: #121212;
    display:flex;
```

```css
        justify-content: space-between;
        align-items: center;
        padding:1rem 0 1rem 0;
        z-index: 10;
    }
    .sticky-nav-icons{
        margin-left: 0.75rem;
    }
    .sticky-nav-options{
        display:flex;
        justify-content: center;
        align-items: center;
    }
    .nav-item{
        margin-right:1rem;
    }
    .dark-badge{
        background-color: black;
        color:white;
    }
    @media (max-width: 1000px){
        .hide{
            display:none;
        }
    }
    .card{
        background-color: #232323;
        width:150px;
        border-radius:0.5rem;
        padding:1rem;
        margin-left: 1.5rem;
        margin-top: 1rem;
    }
    .card-container{
        display:flex;
        flex-wrap:wrap;
    }
    .card-img{
        width:100%;
        border-radius:0.5rem;
    }
    .card-title{
```

```css
        font-weight: 600;
    }
    .card-info{
        font-size: 0.75rem;
        opacity:0.8;
    }
    .footer{
        height:300px;
        display:flex;
        align-items: center;
        justify-content:center;
    }
    .line{
        width:90%;
        height:50%;
        border-top: 1px solid white;
        opacity:0.4;
    }
    .music-player{
        display:flex;
        justify-content: space-between;
        align-items: center;
    }
    .album{
        width:25%;
        display:flex;
        justify-content: space-evenly;
        align-items: center;
    }
    .player{
        width:50%;
    }
    .player-control{
        display:flex;
        justify-content: center;
        align-items: center;
    }
    .control{
        width:25%;
        display:flex;
        justify-content: space-between;
    }
```

```css
.player-control-icon{
    height:1rem;
    margin-right:1.75rem;
    opacity:0.7;
}
.player-control-icon:hover{
    opacity:1;
}
.playback-bar{
    display:flex;
    justify-content: center;
    align-items: center;
}
.progress-bar{
    width:70%;
    appearance: none;
    background-color: transparent;
    cursor:pointer;
}
.progress-bar::-webkit-slider-runnable-track{
    background-color: #ddd;
    border-radius: 100px;
    height:0.2rem;
}
.progress-bar::-webkit-slider-thumb{
    appearance: none;
    height:1rem;
    width:1rem;
    background-color: #1bd760;
    border-radius: 50%;
    margin-top: -6px;
}
.song-img{
    height:3rem;
    width:3rem;
    border-radius: 0.25rem;
}
.second-line{
    font-size: 0.3rem;
}
.first{
    font-size:1rem;
```

```
            font-weight: 300;
            margin-left:0px;
        }
        .second{
            font-size:0.5rem;
            opacity:0.8;
            margin-left:0px;
        }
        .container{
            margin-top:10px;
            margin-bottom:10px;
            margin-left:0px;
        }
        .control-icons{
            justify-content: space-evenly;
            opacity:0.8;
        }
        .control-icons:hover{
            opacity:1;
        }
```

Features

- Sidebar: It is at the left side of the page. It includes home icon, search icon and library options to create your own playlist and to find some podcasts of your interest that replicate the Spotify app.

- Main Content: It contains a navigation bar which has installation option, profile icon and a button to go for premium. The navigation bar is sticked to the top. It also contains three other areas. First one is the recently played section which will show the songs or albums recently played. Second area has the songs, albums and playlist. The last area is of the featured charts of the songs globally and in India in a similar layout to Spotify.

- Player Controls: It is at the bottom of the page, providing basic playback controls layout and it shows the song playing.

Screenshots