

BlueChickenFM

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Team Strategy & Planning

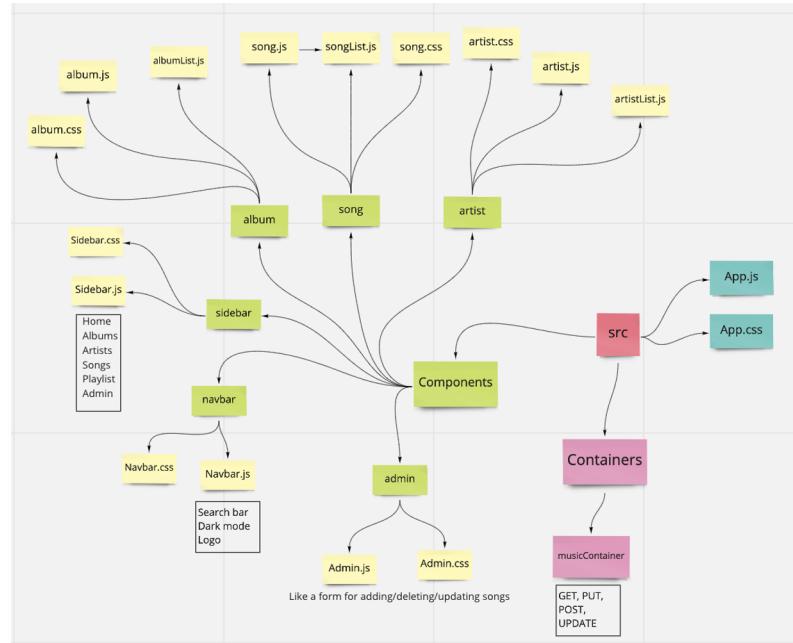


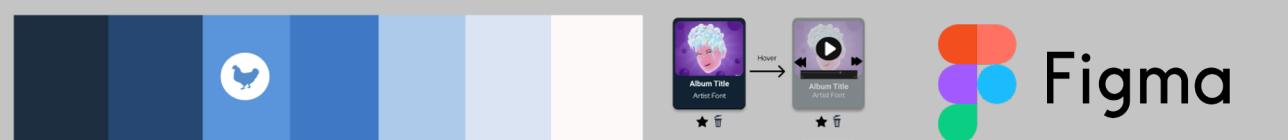
Google Docs



miro

- Working together as a team
- A day dedicated to planning and sharing ideas
- Online collaborative tools





MacBook - 1

MOODBOARD

DARK MODE / LIGHT

BLUE CHICKEN FM.

PLAYLISTS

This moodboard includes a color palette at the top, followed by sections for "DARK MODE / LIGHT" featuring a laptop and smartphone, and "BLUE CHICKEN FM." featuring a switch, silhouettes of people dancing, and a screenshot of a music player. An arrow points from the "BLUE CHICKEN FM." section to the "PLAYLISTS" section.

MacBook - 2

WEB APP UI

This wireframe shows a navigation bar with "Main Languages" and a search bar. Below it is a library section with album covers for "Shakaland", "OverHeaded", "Want You (feat. Sia)", and "ALIVE". The main content area displays a grid of album covers and a sidebar with a file tree for "ALIVE".

MacBook - 1

BlueChickenFM

MOST POPULAR

HOME ARTISTS SONGS

PLAYLIST ADMIN

Album cards for "Album Title" and "Artist Name" are displayed in a grid. The "ARTISTS" and "SONGS" sections are currently empty.

MacBook - 3

BlueChickenFM

HOME ALBUMS ARTISTS

PLAYLIST

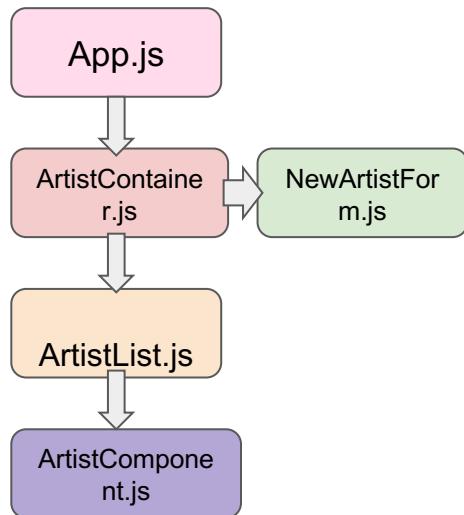
Placeholder text blocks labeled "TEXT" are used to represent missing content in the "ALBUMS" and "ARTISTS" sections.

Business Logic

```
artists
  Artist.css
  ArtistComponent.js
  ArtistList.js
```

```
containers
  AlbumContainer.js
  ArtistContainer.js
  SongContainer.js
```

```
admin
  Admin.css
  AdminContainer.js
  chickenGroup.png
  NewAlbumForm.js
  NewArtistForm.js
  NewSongForm.js
```



```
ArtistList.js
const artistComponents = artists.map(artist => {
  return(
    <ArtistComponent artist={artist} key={artist.id} />
  )
})|
```

```
ArtistComponent.js
<h4>Name:</h4>
<p>{artist.artist_name}</p>
<h4>Biggest Hit:</h4>
<p>{artist.biggest_hit}</p>
```

```
ArtistContainer.js
const getArtistData = () => {
  fetch("http://localhost:8080/api/v1/artists")
    .then(resp=>resp.json())
    .then(data =>
      setArtists(data)
    )
  useEffect (getArtistData, []);
};
```

Home

Artists

Songs

Playlist

Admin

Sidebar

- React router - multi page app
- Dynamic page names

```
function Sidebar() {
  return (
    <div className="sidebar">
      <ul className="sidebar-menu-items">
        {SidebarData.map((item, index) => {
          return (
            <li key={index} className={item.cName}>
              <Link to={item.path} style={{ textDecoration: 'none' }}>
                <span>{item.title}</span>
              </Link>
            </li>))
        })
      </ul>
    </div>)
}
```

Navbar



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Search...



```
● ● ●

const searchSong = (songs) => {
    return songs.filter(song => song.song_name.toLowerCase().indexOf(filter.toLowerCase()).trim() > -1);
}

return(
    songs.length > 0 ?
        <div>
            <Navbar handleType={handleType} filter={filter}/>
            <SongList songs={searchSong(songs)} onUpdateSongById={updateSongById} onDeleteSongById={deleteSongById}/>
        </div>
        :
        <p>Loading....</p>
    )
}
```

- Search Functionality

- Light/Dark Mode

- Mobile Functionality

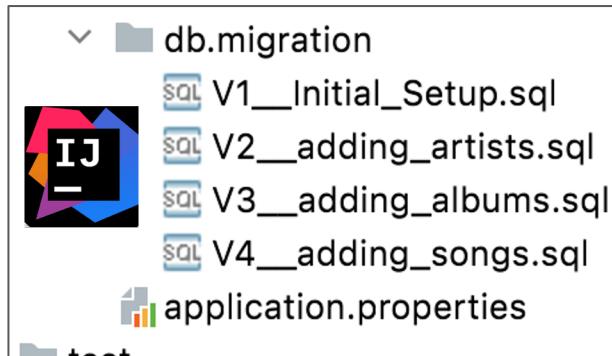
Admin

- Admin container component
- Contains 3 different form components
- Centralised hub to manage POST requests



```
<div className="admin-forms-container">
  <div className="new-artist-form form-items">
    <NewArtistForm onArtistSubmission={addNewArtist} />
  </div>
  <div className="new-album-form form-items">
    <NewAlbumForm onAlbumSubmission={addNewAlbum} />
  </div>
  <div className="new-song-form form-items">
    <NewSongForm onSongSubmission={addNewSong} />
  </div>
</div>
```

Placeholder Images



```
1 ➤ INSERT INTO songs (song_name, genre, duration,  
2  
3 ➤ INSERT INTO songs (song_name, genre, duration,  
4  
5 ➤ INSERT INTO songs (song_name, genre, duration,  
6  
7 ➤ INSERT INTO songs (song_name, genre, duration,  
8
```

In each component folder:

Home

Artists

Songs

Playlist



Album Name: Views
Genre: Hip-Hop

Heart icon

Home

Artists

Songs

Playlist



Name: Drake
Biggest Hit: One Dance

Heart icon

Home

Artists

Songs

Playlist



Song Name: My Luv
Genre: K-pop

Heart icon

Fetch Request

```
const BirdContainer = () => {  
  const [bird, setBird] = useState(null);  
  
  const updateBirdData = () => {  
    fetch("https://dog.ceo/api/breeds/image/random")  
      .then(response => response.json())  
      .then(data => setBird(data))  
  }  
  
  useEffect ( updateBirdData, []);  
  
  return (  
    bird ?  
      <div className="artist-image">  
        <BirdViewer bird={bird} />  
      </div>  
      :  
      <p>Loading Artist Photo...</p>  
  )  
}
```

BlueChickenFM

Search...

Home

Artists

Songs

Playlist

Admin

Name: Drake
Biggest Hit: One Dance

Name: ABBA
Biggest Hit: Dancing Queen

Name: AC/DC
Biggest Hit: Back In Black



Dark/Light Mode Using QuerySelector



```
const changeTheme = () => {
  const moon = document.querySelector('.moon')
  const navbar = document.querySelector('.navbar-container-bckg-dark')
  const sidebar = document.querySelector('.sidebar')
  const list = document.querySelector('.list')
  const component = document.querySelectorAll('.component')
```



```
moon.addEventListener('click', () => {
  document.body.classList.toggle('light-theme')
  navbar.classList.toggle('light-theme')
  sidebar.classList.toggle('light-theme')
  list.classList.toggle('light-theme')
  component.forEach((c) => {
    c.classList.toggle('light-theme')
  })
})
```



```
.list.light-theme{
  background-color: #c4e3ff;
}

.component.light-theme{
  background-color: #6dade6;
  color: #010818;
  border: 1px solid #0c69bb;
}
```



Navbar CSS

```
.navbar-container-bckg-dark{
  background-color: var(--dark-blue);
}

.navbar-container-bckg-dark.light-theme{
  background-color: var(--light-blue);
}
```





Home

Artists

Songs

Playlist

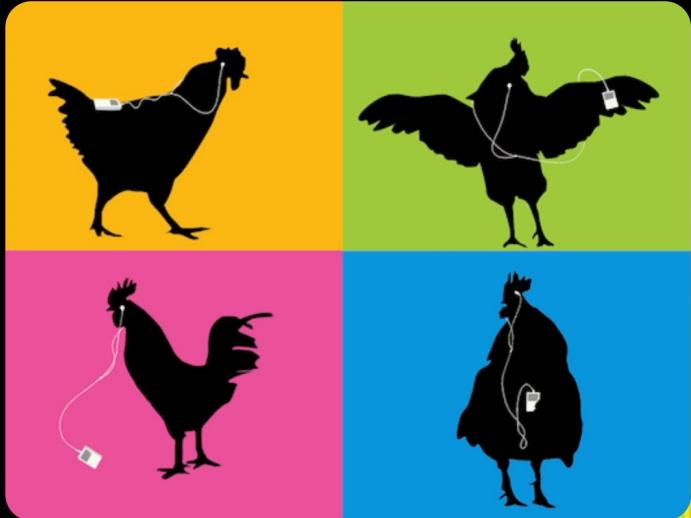
Admin

LISTEN TO MUSIC

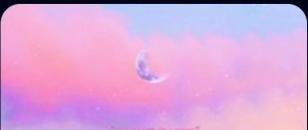
AND ENJOY WHAT YOU LOVE

Sign Up

Login



UK HOT ALBUMS FOR YOUR CLUCKET-LIST! ONLY FOR CHICKENS



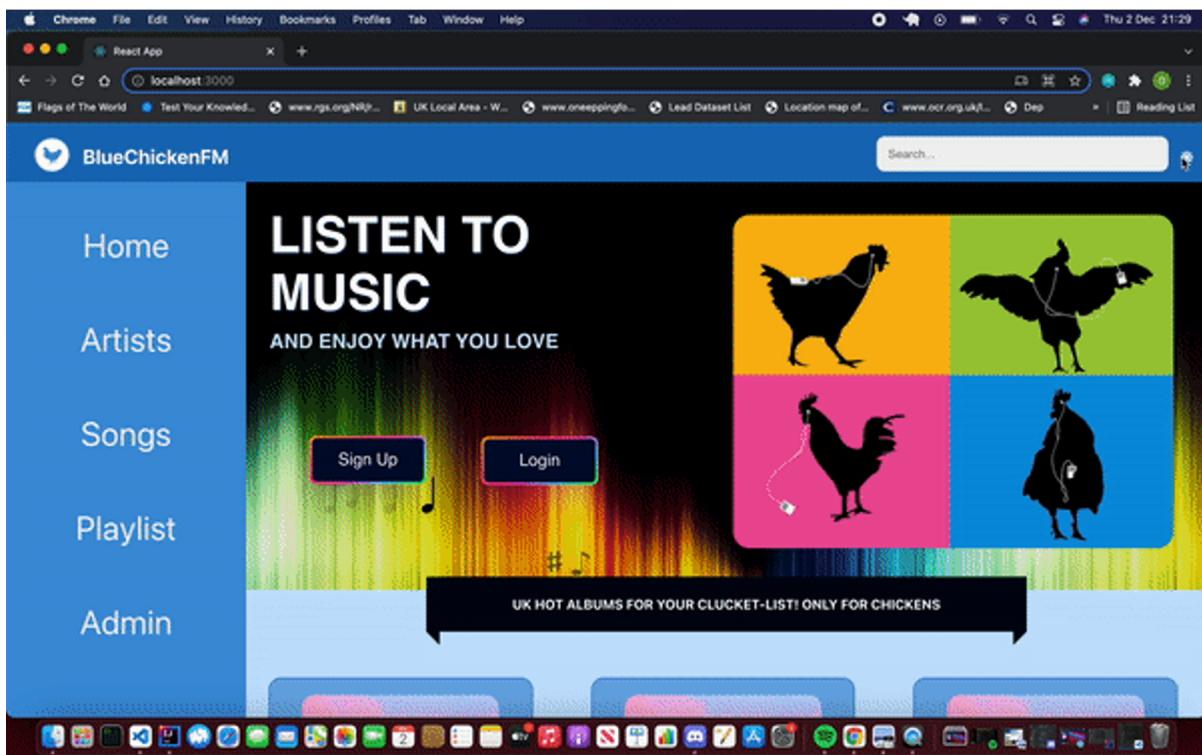
Mobile Functionality

- Laptop View → Mobile View

- Burger Menu

- Page Switching (React Router)

- Search Functionality

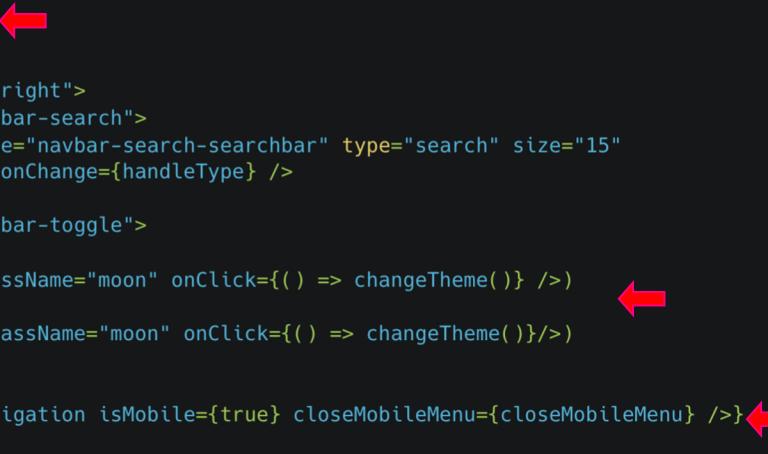


Media Queries

```
@media screen and (max-width: 768px){\n\n    .navbar-container{\n        display: grid;\n        justify-content: center;\n        align-items: center;\n        background-color: var(--dark-blue);\n        width: 100%;\n    }\n\n    .navbar{\n        display: block;\n        justify-content: center;\n        background-color: var(--dark-blue);\n        text-align: center;\n        /* width: auto; */\n    }\n\n    .navbar-logo{\n        display: flex;\n        justify-content: center;\n        height: 5em;\n        align-items: center;\n    }\n\n    .navbar-burger{\n        display: block;\n        padding-left: 4em;\n    }\n\n    .navbar-right {\n        /* width: auto; */\n        margin-right: 20em;\n        margin-left:20em;\n        background-color: var(--dark-blue);\n    }\n\n    .mobile-navigation-list-link{\n        text-decoration: none;\n        color: var(--white);\n    }\n\n    .mobile-navigation-list-link:hover{\n        color: #4397E1;\n    }\n}
```

Ternary Operators

```
return (\n    <section className="navbar-container navbar-container-bckg-dark ">\n        <div className="navbar">\n            <div className="navbar-logo navbar-logo--white">\n                <img src={`${process.env.PUBLIC_URL}/assets/navbar/BlueChickenFMLogo.png`} alt="logo" /\>\n                <h1 className="navbar-logo-title">BlueChickenFM</h1>\n                <div className="navbar-burger">\n                    {open ? <AiOutlineClose onClick={() => setOpen(!open)} /> : <GiHamburgerMenu onClick={() => setOpen(!open)} />}\n                </div>\n            </div>\n            <div className="navbar-right">\n                <div className="navbar-search">\n                    <input className="navbar-search-searchbar" type="search" size="15" placeholder="Search..." value={filter} onChange={handleType} /\>\n                </div>\n                <div className="navbar-toggle">\n                    {mode ?\n                        (<FaSun className="moon" onClick={() => changeTheme()} />)\n                      :\n                        (<FaMoon className="moon" onClick={() => changeTheme()} />)\n                    }\n                </div>\n                {open && <MobileNavigation isMobile={true} closeMobileMenu={closeMobileMenu} />}\n            </div>\n        </div>\n    </section>\n)
```



Challenges & Stretch Targets

Playlist page

Adding album art

Testing

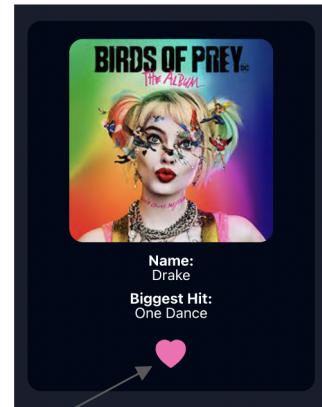
Ensuring every page had responsive design

Adding favourite functionality

Playing the actual songs

Complete Testing - Or Test driven development if we knew react better

Page transitions - router transitions



Home

Artists

Songs

Playlist

Admin

References:

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2021. [online] Available at: <<https://codepen.io/affurida/pen/gOMbNjK>> [Accessed 2 December 2021].
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Thank You For Listening

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