Intelligent Media Systems – Assignment 2
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Design Documentation

Simplicity: Simplicity is a cornerstone of effective design, emphasising clarity and ease of use. In the design of the "Gigify" app, simplicity has been a primary focus. The app interface is clean and uncluttered, presenting only essential elements to the user. This minimalistic approach ensures that users can easily understand and navigate the app without unnecessary distractions *(Image 1)*.

Whitespace: Whitespace, or negative space, plays a crucial role in enhancing readability and reducing visual clutter. It provides breathing room for elements, making the interface more inviting and easier to navigate *(Image 1)*.

CRAP Principles (Contrast, Repetition, Alignment, and Proximity): The CRAP principles are fundamental to creating a cohesive and effective design. Each principle has been carefully applied in the "Gigify" app to improve usability and aesthetic appeal.

- Contrast - The bright pink "Gigify" logo against the blue background creates a strong visual impact. Similarly, the green "Login" button stands out against the darker background, making it easy to locate *(Image 1)*.
- Repetition - The repeated use of the crowd silhouette and blue stage lights across every phase of the app provides visual continuity *(Image 1, Image 2)*.
- Alignment - Elements are carefully aligned to create an organised and visually appealing interface *(Image 2)*.
- Proximity - Related elements, such as the "Select Your Band Below" heading and the list of band options, are grouped together to imply a relationship *(Image 2)*.

| Image 1 | Image 2 |

Technical Documentation

Spotify API: The Spotify API was used for the app, allowing a user to login to their Spotify account. Once logged in, the app makes a second API call to retrieve the users' followed artists. The implementation of the Spotify authorisation across an independent server, eventually redirecting to the original application page, returning an access token, was the most difficult task I had to overcome. This took me an entire day to implement.

YouTube API: Once a user has selected the band they wish to view, a call is made to the YouTube API to retrieve the most relevant live concert video for that band. A VideoID is returned and then used to display the concert video on screen.

Reflection Documentation

The process undertaken to create this application was to first research appropriate API's that were available to use, and think how they could be implemented to create a useful app. Once I had decided on an idea, the next step was to sketch a rough layout to use as a guide when designing. From there, I began implementing each small piece of the design, testing thoroughly at every step to ensure perfect functionality.