

12/09/2022

PUI- FP DOCUMENT

PARVATHY ANAND

About the Website

The BTS ARMY Hub is an informational resource for newer fans of BTS. It contains detailed information about the seven members of BTS and a calendar with updates about BTS-related events and activities. Since the BTS members are entering a new phase as solo artists, this website will make it easier to keep updated with the new releases of each member.

The color palette and aesthetic of the homepage are inspired by BTS concert arenas. And, the website is media-rich with images, illustrations, and music related to BTS which the fans will find delightful. The small hover interactions add an exciting interactive aspect to the website. Additionally, the website is responsive in two sizes - laptop (**1440x 900**) and phone (**414x896**).

Actions the user will take I

- The user is on the homepage.
- The user reads the text and scrolls down parallelly.
 - Parallax effect while scrolling down

The user can click the sound button on the left to play music in the background and mute it too.

- The user clicks on the 'Learn more about the members' button
 - The hover animation indicates that it is clickable.
- The user is on the Members page.
- The user scrolls down to the clickable icons of each member
 - Parallax effect while scrolling down
 - Hover animation on the icons

Actions the user will take II

- It will lead to the respective members' page with images, information, and an embedded Spotify playlist
 - Made with templates using JSON and URL parameters.
 - Listen to music via the embedded Spotify playlist
- The user can navigate the website with the navigation bar at the top.
 - The arrow on the left side will take the user to the previous page
 - The links on the right side will take the user to their respective destinations.
 - Hover animation on the links

Libraries Used I

Relax.js

- The reason behind using this library was to add visual interest to the website. The parallax scroll effect gives a sense of depth and interaction to the illustration.
- I used it on the homepage to create a concert scene with stars and galaxies in the background and an arena in the foreground. The stadium scrolls over the text, thereby giving it an illusion of depth
- It adds excitement and engagement to something basic like scrolling.



Libraries Used II

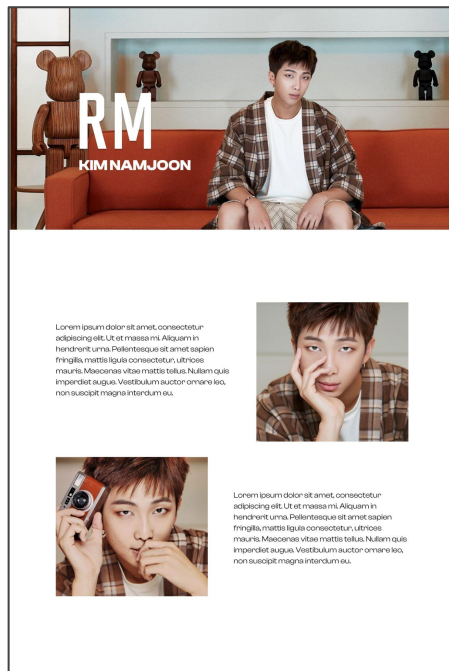
Bodymovin.js & Lottie

- Used Lottie to convert After Effects animations to JSON using Lottie and load them and play them on hover using bodymovin.js.
- -I made animations on After Effects and using Lottie, I exported them as JSON files. Then I used bodymovin.js to play them on hover. The animations highlight the members as they pop out during hovering. The glowing effect also indicates that it is clickable.

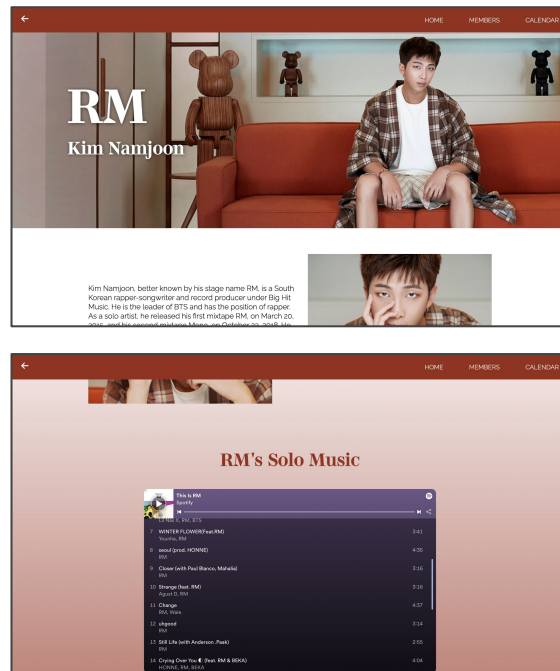


Iterations made

- The initial scope was to document BTS's discography which was not possible within the timeframe.
- Then, I decided to make a website about the members. The final design member templates have more color and details. I embedded Spotify playlists of each member using the iframe tag. According to the critique received in the lab sessions, I added a nav bar that helps in easy navigation.



Initial version



Revised version

Challenges

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- Certain micro-interactions and page transitions on the Figma prototype were too ambitious to implement. Hence, they were removed for the final iteration.
- It was also difficult to understand the documentation of certain javascript libraries and APIs like Spotify SDK. the critique received in the lab sessions, I added a nav bar that helps in easy navigation.