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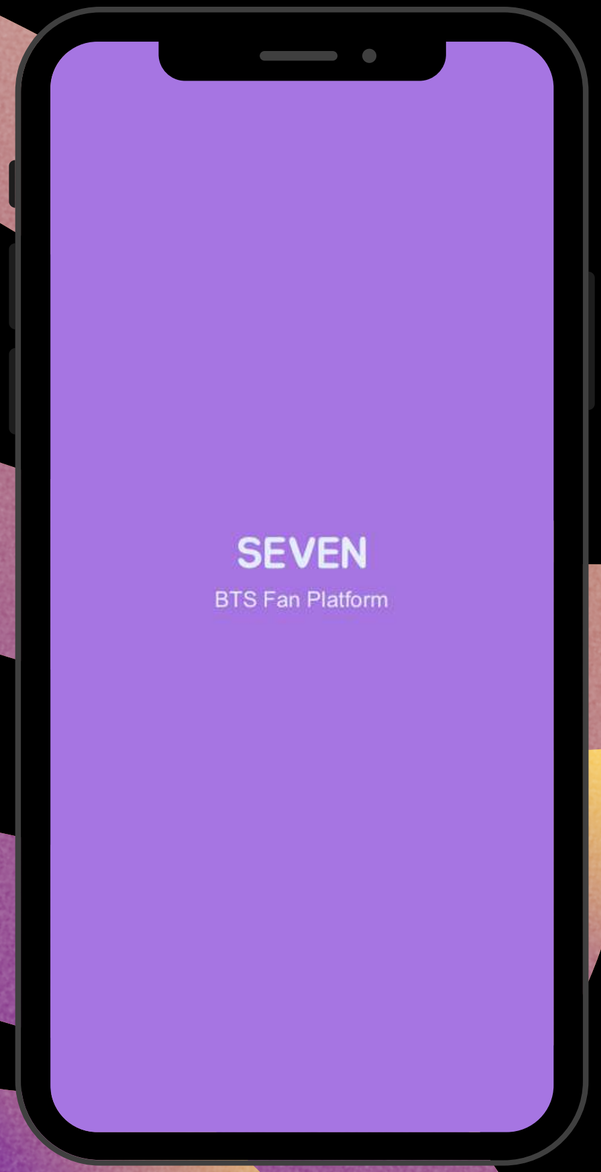
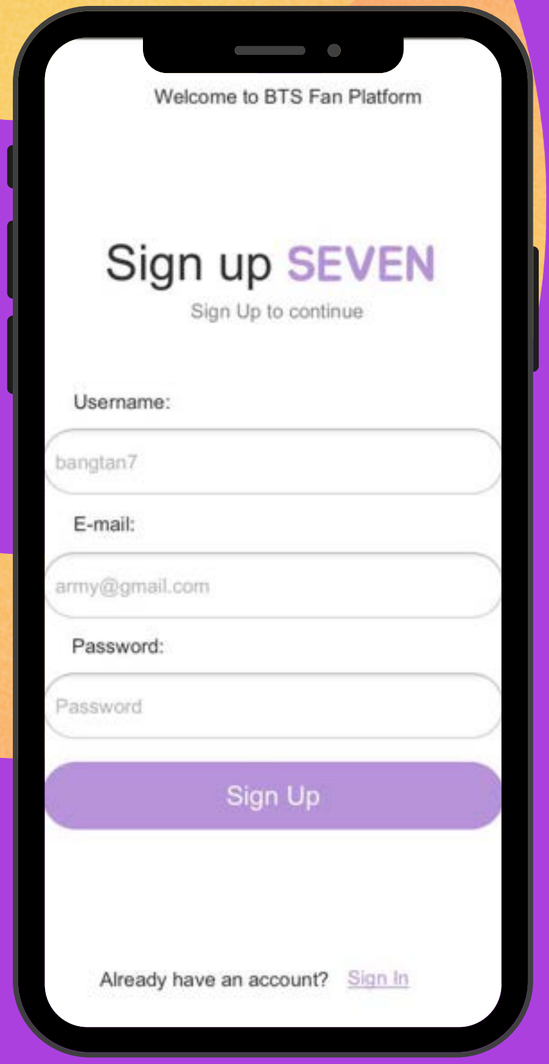
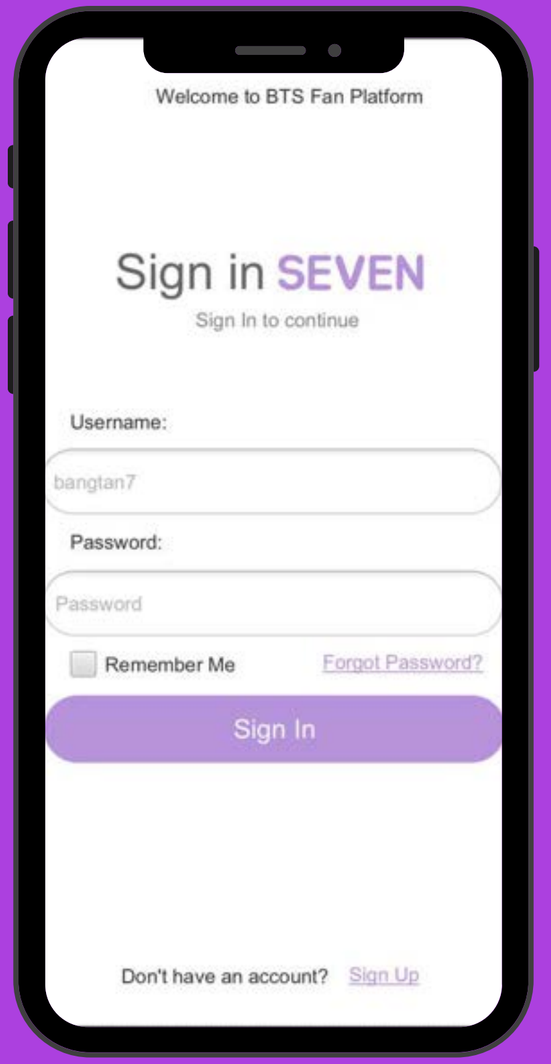


BTS Fan Platform

User Guide

Sign in to the platform





- If you have an existing account, enter your credentials (username and password) and tap "Sign In".
- If you don’t have an account, tap "Sign Up" and follow the prompts to create a new account.

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Home page provides general information and sections for each BTS group member. Tap on each member's name or photo to access personalized information about them.

On this page you can get reliable and interesting information about member

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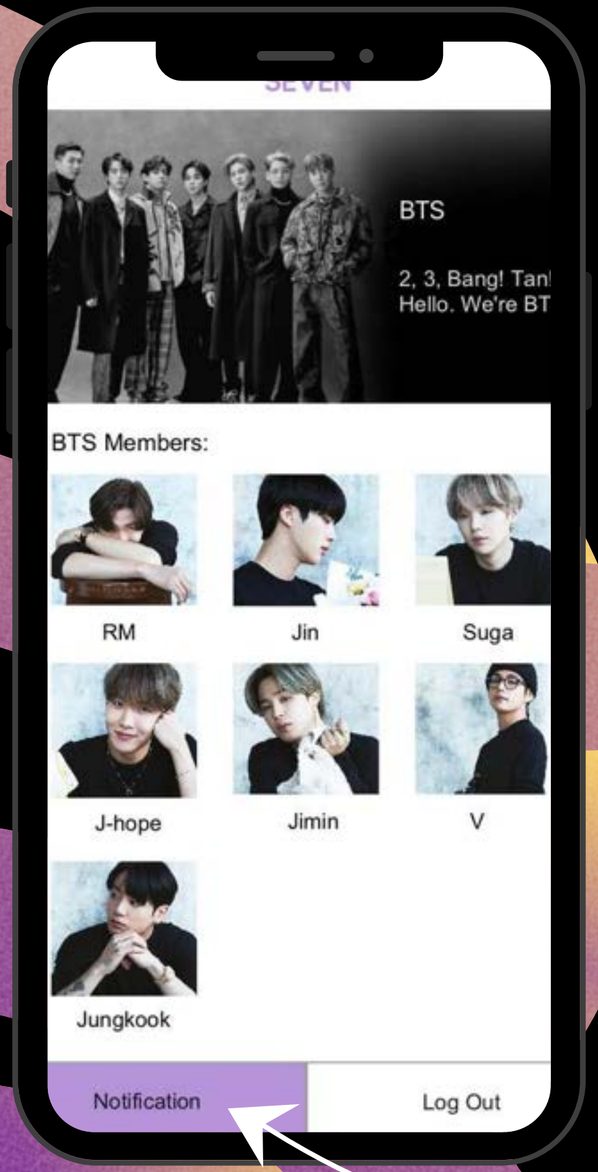
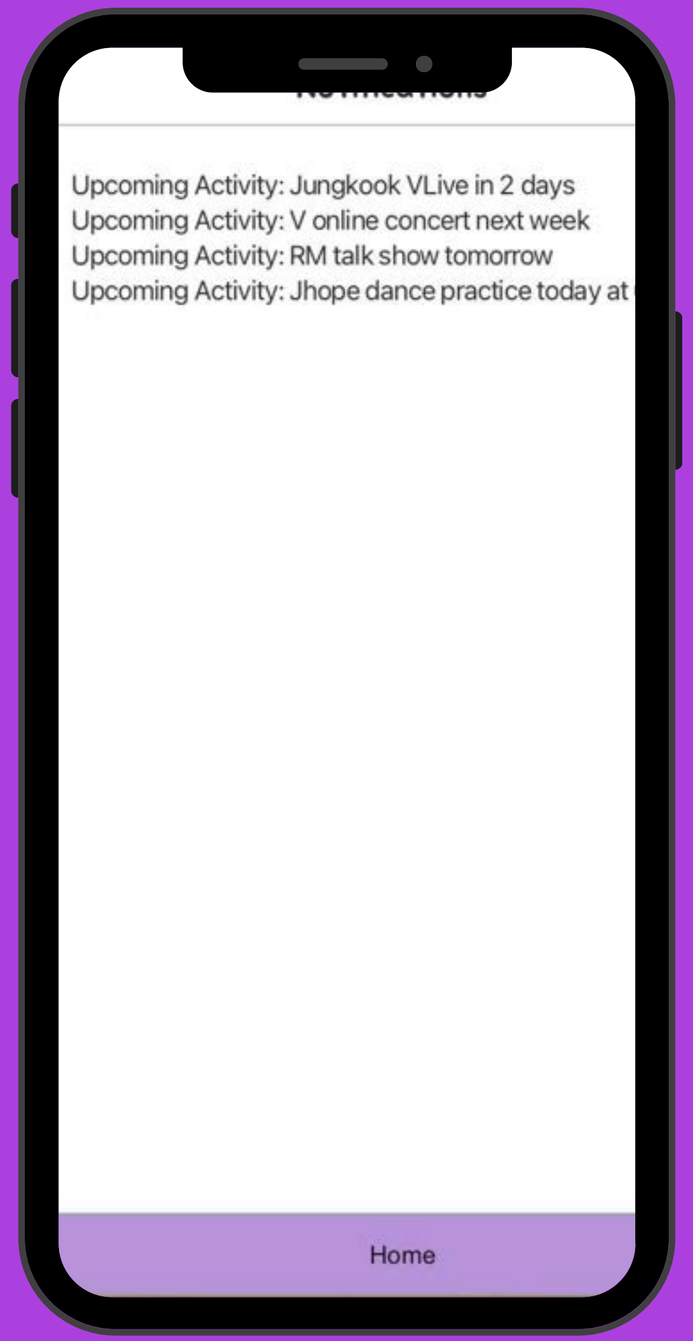


Click on notification



Subscribe to your favorite group to receive timely information about new events, releases or interesting news related to him.

What we solved

Reliable information: In a world where there is a lot of unverified information about public figures, we provide a platform where fans can get reliable information about the members of the BTS. This includes up-to-date news, accurate event schedules, and other verified data.

Following the events: We help fans keep up to date with the latest developments related to the band. This includes information about upcoming performances, new track releases, participation in various projects and much more.

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Increasing user engagement and satisfaction: By providing fans with the right and relevant information, we make them happier and more interested, helping them better understand and participate in the life of the BTS group. This makes their fan experience more complete and engaging.

What patterns were used

- Factory Method
- Proxy
- Observer

Factory Method

We used Factory Method Pattern in our project to create profiles of BTS group members. This pattern allows us to create information about each member, including their name, biography, photos, statistics, and other details, without explicitly specifying the class of that profile in the main code of our application.

Using this pattern gives us several advantages. First, it provides flexibility when updating information about group members. We can easily change data or add new attributes to member profiles without changing the rest of the code. This allows us to quickly update information about each member without having to make changes to the client code.

In addition, Factory Method Pattern makes it easy to add new BTS team members. When new team members are added, we can easily create their profiles without having to modify existing code. This allows us to respond quickly to changes in team members, reducing the cost of maintaining and updating the application.

This pattern also promotes better segregation of responsibilities in our code. It abstracts the process of creating profiles, making our code more modular and making it easier to add new functionality or make changes in the future.

This allows us to efficiently manage BTS group members information, providing flexibility and ease of support as we further develop our fan platform.

Proxy

As part of our project, a proxy pattern can be applied to control access to confidential information or special functions available only to registered users of the BTS fan platform.

Let's say a user is trying to access special information or exclusive materials about BTS, a proxy is like a security guard who checks if a fan has the correct username and password. If he has the correct data and is registered, the proxy opens the door for him to the next page.
However, if the user does not have the correct data or is not registered, the proxy will not allow him to pass through this door to prevent access to confidential information or special functions. This helps to maintain the privacy and security of BTS information by providing access only to registered users.

Thus, the use of a proxy pattern in a project associated with the BTS group provides secure and limited access to confidential data and privileged functions, which preserves the security and integrity of information and content provided to registered BTS fans.

Observer

In our project, the Observer Pattern is used so that every new user who registers on our platform can receive notifications about the latest events and news related to the members of the BTS group.

When you register on our platform, your profile automatically becomes an observer of all updates and events related to the members of the BTS group. This means that you will receive notifications about news, upcoming events or any other relevant updates immediately after they appear.

Advantages of using the Observer pattern:
Flexibility and scalability: New users can easily receive event notifications without changing the underlying logic or application code.
Ease of support: Updating or adding new events to the system does not require changing notifications, as they are automatically delivered to all registered users.
We want you to keep up to date with all the latest news about your favorite BTS band and receive up-to-date information immediately after its appearance.

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Thanks for your attention!