

Flagship Phone Research

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Description

- Design website for iOS and Android Flagship phone research and comparison.
- Utilize Java, JavaScript, Spring, Hibernate, MySQL, CSS and HTML in the web development process.
- Integrate User Authentication and Accounts into project structure.
- Implement Search and List functionality of available research data.



Features

- Login: Users will be able to log in to their accounts.
- Register: Users will be able to sign up and create new accounts.
- Home: Page will display info for each phone brand.
- List: Page will list all available flagship phones and provides data on them.
- Search: Users will be able to search phones by features.
- Admin Page: Administrator will be able to add new phones.
- Logout: Users will be able to log out.



Planning - User Stories

Login: As a user, I want to sign in to the website so I can research flagship phones.

List: As a user, I want to have a web page that lists all flagship phones by features, so I can research them and compare them.

Search: As a user, I want to search for flagship phones by certain words of features, so I can find the right phone for me.



Planning - Database

Model Classes/ Tables

- Users
- Phones

(Phones are sorted by brand and then model name)



Technology Stack

- Java
- Spring Boot
- Thymeleaf
- MySQL
- Hibernate



Demo



What I Learned

- How to add images to my project.
- How to store new data types in MySQL.
- How to get different phones to display on separate pages based on phone brand.



What's Next

- Password Protecting my Admin Page
- Setting up a stock photo for new Database entries
- Learning how to add a Customer Review's page

