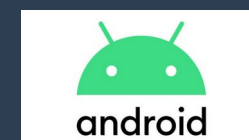# KANJI STUDY APP

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By *Sergio Páramo*

In support of the Japanese language

Powered by:

1 - Introduction

- **Kanji Study is an app that contains all the Japanese Kanjis and Kanas on a database system created and designed to self-learners and presented in an intuitive user interface to interact, listen, and learn through the process.**

2 - App cloned

- Although I have not cloned any particular app, I have taken references and ideas about the design of various apps to learn Japanese

2.1 – Elements identified

- I have identified that all the apps share syllabary layouts (katakana and hiragana) and also kanji. On the cards they show the meaning, pronunciation and also the sound of each character.

3 - Target

- **The app is aimed to those interested in Japanese Kanjis and Kanas (hiragana and katakana) and are seeking an easy and convenient way to improve their japanese daily.**

4 - Solutions

Login & Registration system

User database to customize the experience ()

Japanese Database with:

- Multiple Kanjis divided in 7 levels
- 23 Hiragana
- 23 Katakana

Quiz with multiple questions to test your skills

5. - Problems found

- Activity schema compatibility with bottom-navigation bar and navigation drawer

- Lack of resources to retrieve the data

- Lack of design pattern or style (since it's not a clone and I'm not good at designing)

5.1 - Problems solution

- Added multiple layouts according to each activity

- Created a database from scratch

- Designed a basic style-schema along with Material component design

6. - Concepts learned

- Layout design

- Material components

- Adapters

- Recycler view

- Bottom navigation bar

- Navigation drawer

- Navigation graph

Any questions?