

# Customization of Nextcloud iOS

**Students:** Ana Ruiz Arboleya, Janet Cueto, Schadrack Cineas, Julio Padron Bauta

**Instructor/Faculty:** *Masoud Sadjadi*, Florida International University

## PROBLEM

Addressing the need for users to have a more personalized experience. Addressing the problem of a generic or standardized appearance, allowing users to tailor the app to better suit their preferences and create a more customized user experience.

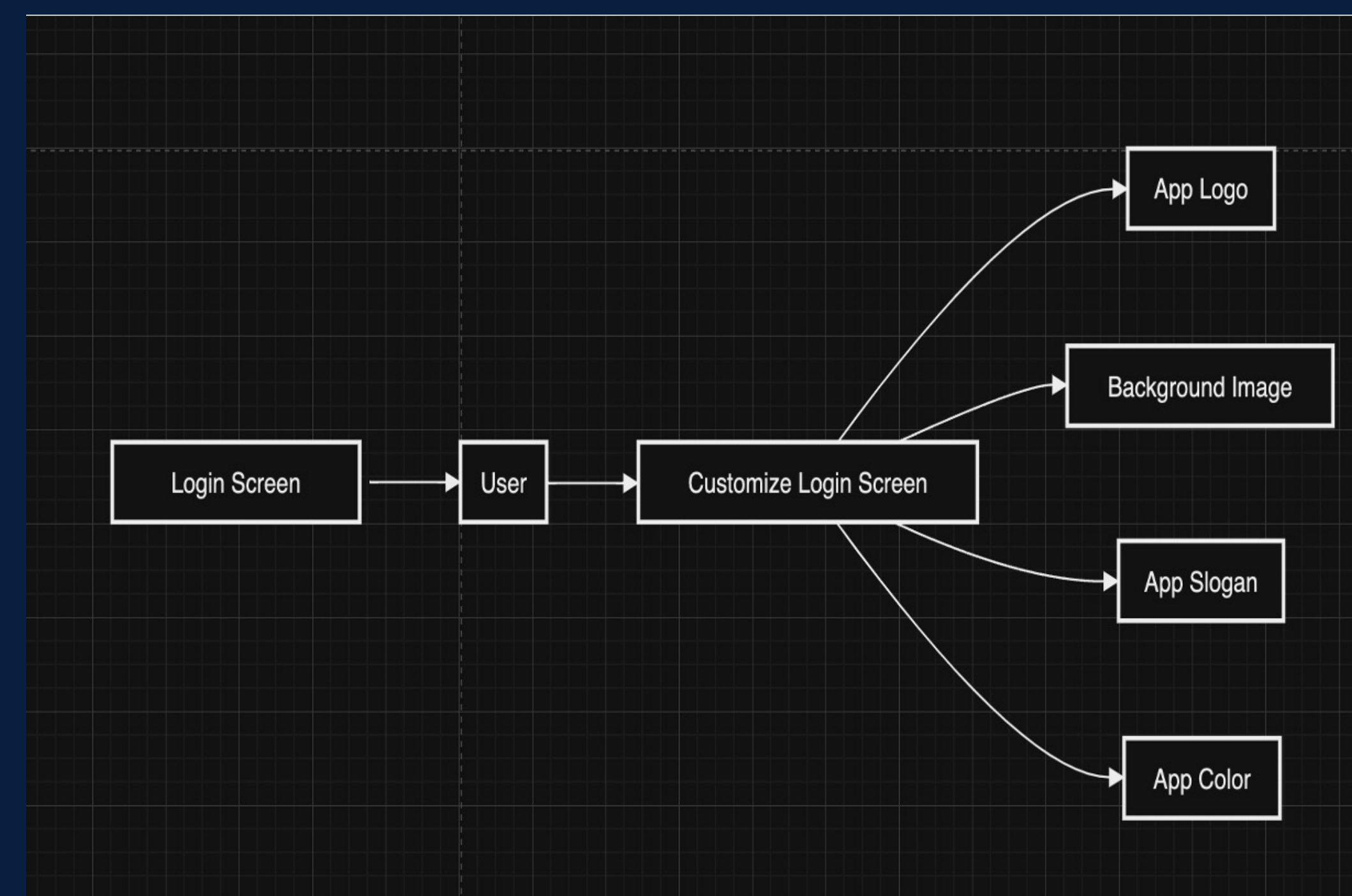
## CURRENT SYSTEM

Latest versions of iOS is required.

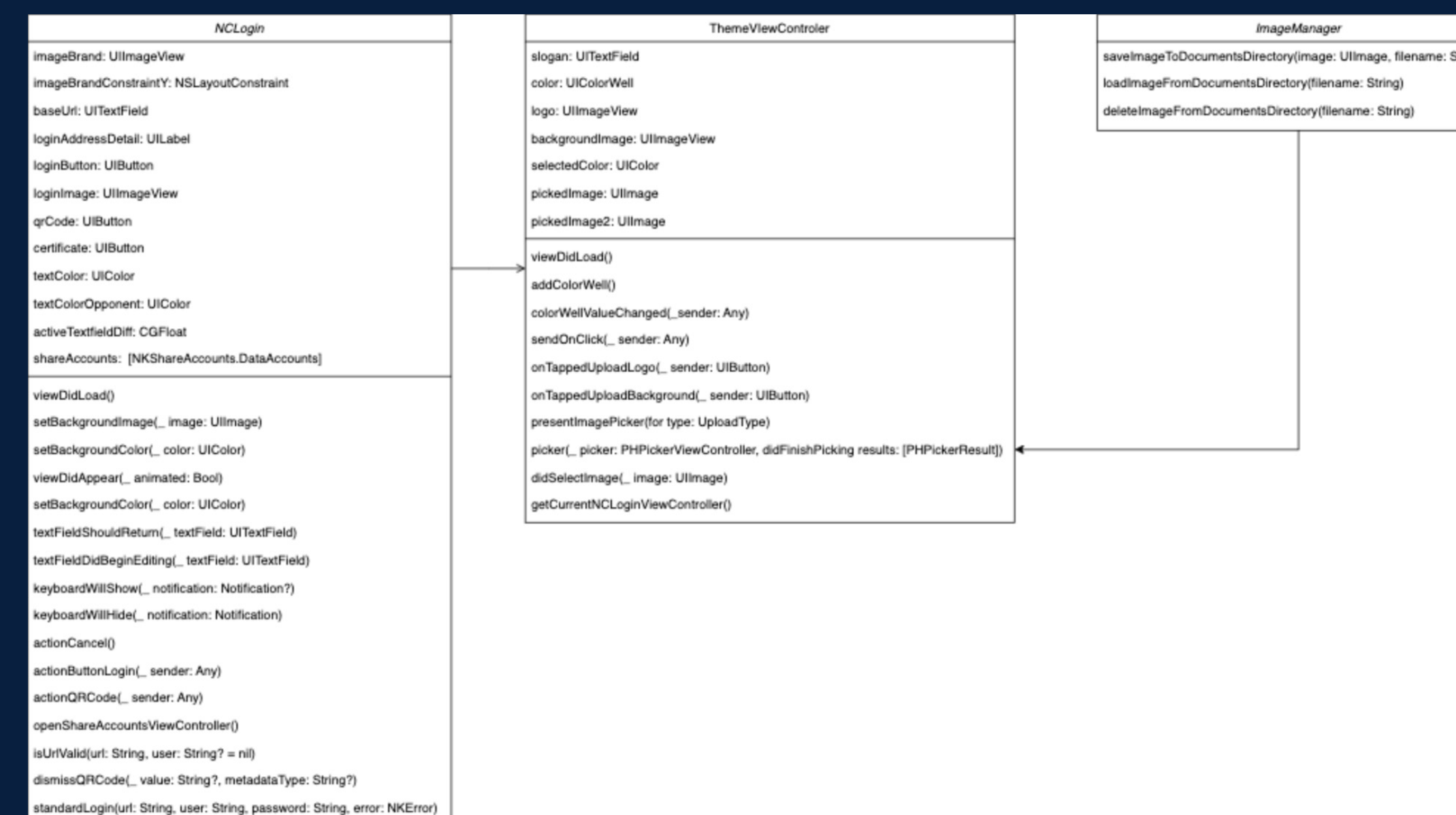
## REQUIREMENTS

- Define the theming options: Specify what elements users can customize.
- Follow established design principles and guidelines for a cohesive user interface.
- Optimize the app's performance with customized elements.

## SYSTEM DESIGN



## OBJECT DESIGN



## IMPLEMENTATION

I implemented the slogan label, creating a variable to store it first, and then passing through a controller of the login page. This ensured the slogan was replaced and stayed as the user wants it to be. Also, implemented a submit button for the changes to save every time the user wants to change it.

## VERIFICATION

I conducted a series of performance tests to make sure the slogan was working properly, and also to know that it worked with other theming options.

## SUMMARY

Implemented a theming feature allowing users to personalize their experience by changing the app slogan and logo. The implementation, coded in Swift, involves key components such as objects for encapsulating theming options and user preferences.

## REFERENCES

- Swift Documentation
- iOS Development Documentation

## ACKNOWLEDGEMENT

The material presented in this poster is based upon the work supported by XXXXX (*name of the project sponsor: federal, state or local government, or corporate partners, where applicable*). We/I thank XXXX for his/her/their assistance and mentorship that I/we received throughout the senior design project.