

Customization of NextCloud iOS App

Student: Janet Cueto Calnick

Mentor: Masoud Sadjadi

Instructor/Faculty: Masoud Sadjadi ,Florida International University

PROBLEM

Our team was assigned to work on the customization of the NextCloud app in the format of iOS.

We wanted to give the user the control over their application so they could customize it to their liking , without the need to be even logged in into their respective account .

CURRENT SYSTEM

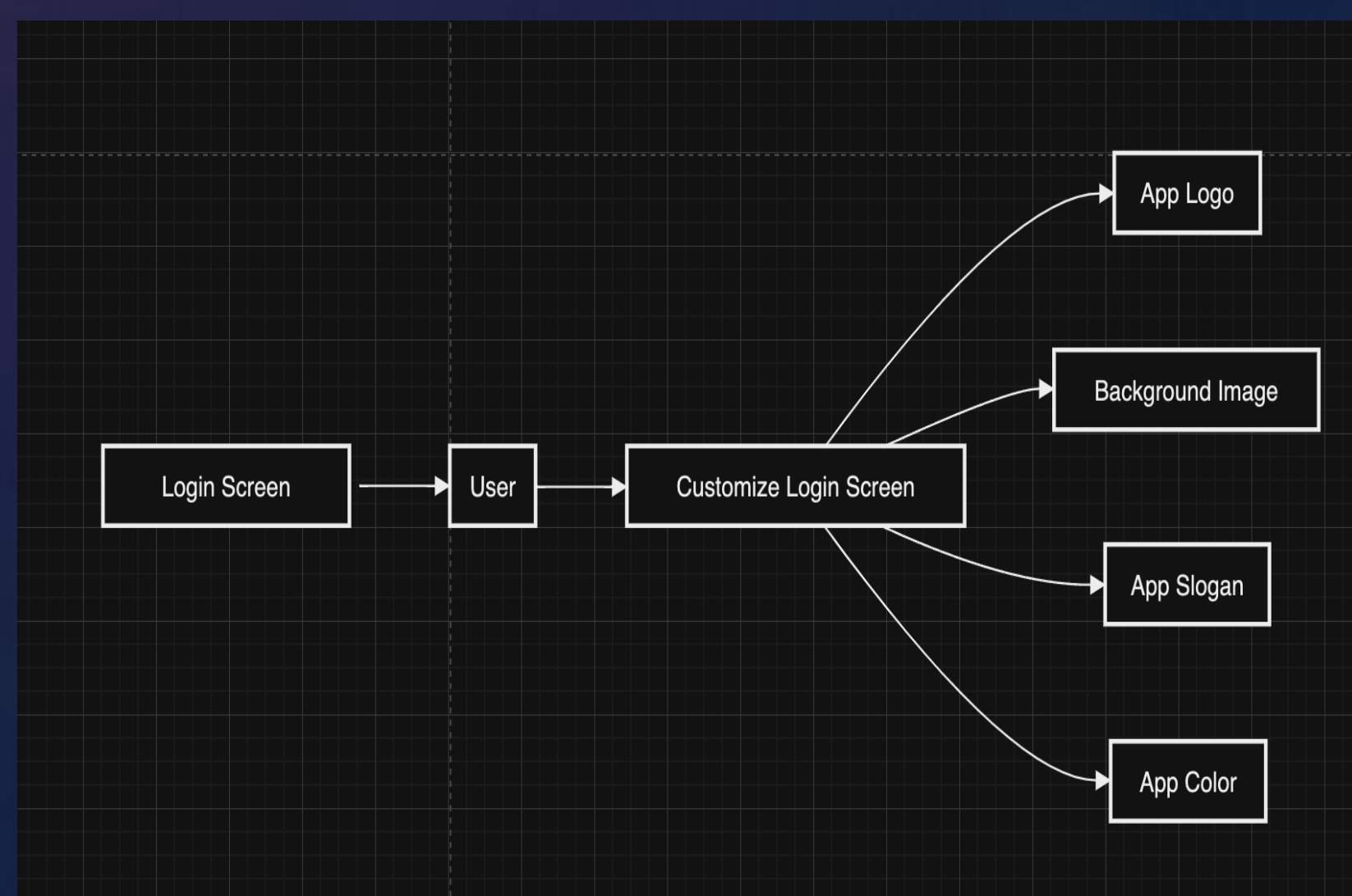
At the current state of our project user can customize their login view to their liking.

- Xcode 14 or later
- Swift & Objective-C
- Github & Git
- Active NextCloud server
- User & Developer Manual
- Carthage iOS dependencies

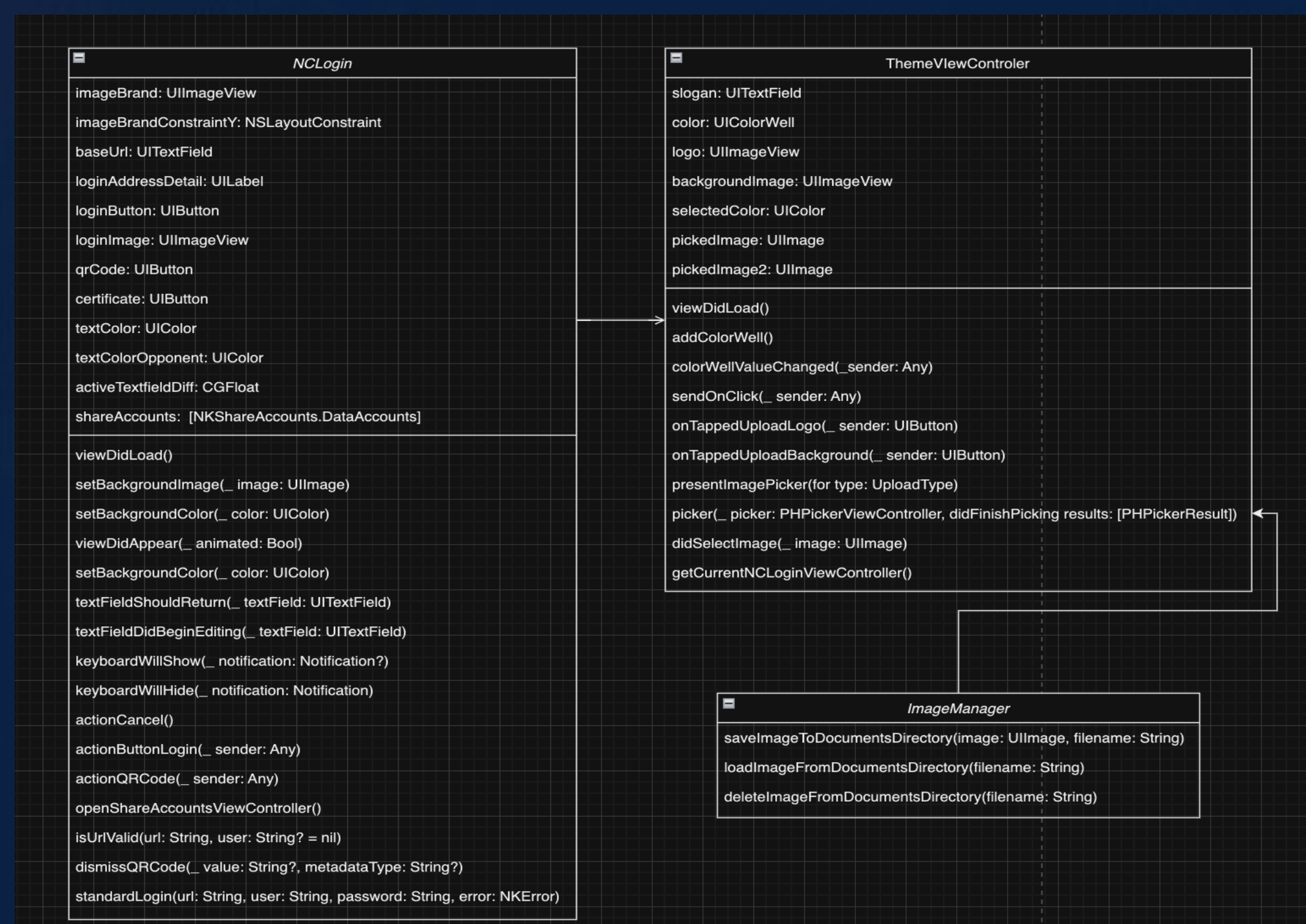
REQUIREMENTS

User & non-user can customize app logo , app background image , app color & app slogan all within the login screen without the need to being logged into the application. Color is selected by color-well , images are selected from user's gallery and slogan is entered in-screen by user.

SYSTEM DESIGN



OBJECT DESIGN



IMPLEMENTATION



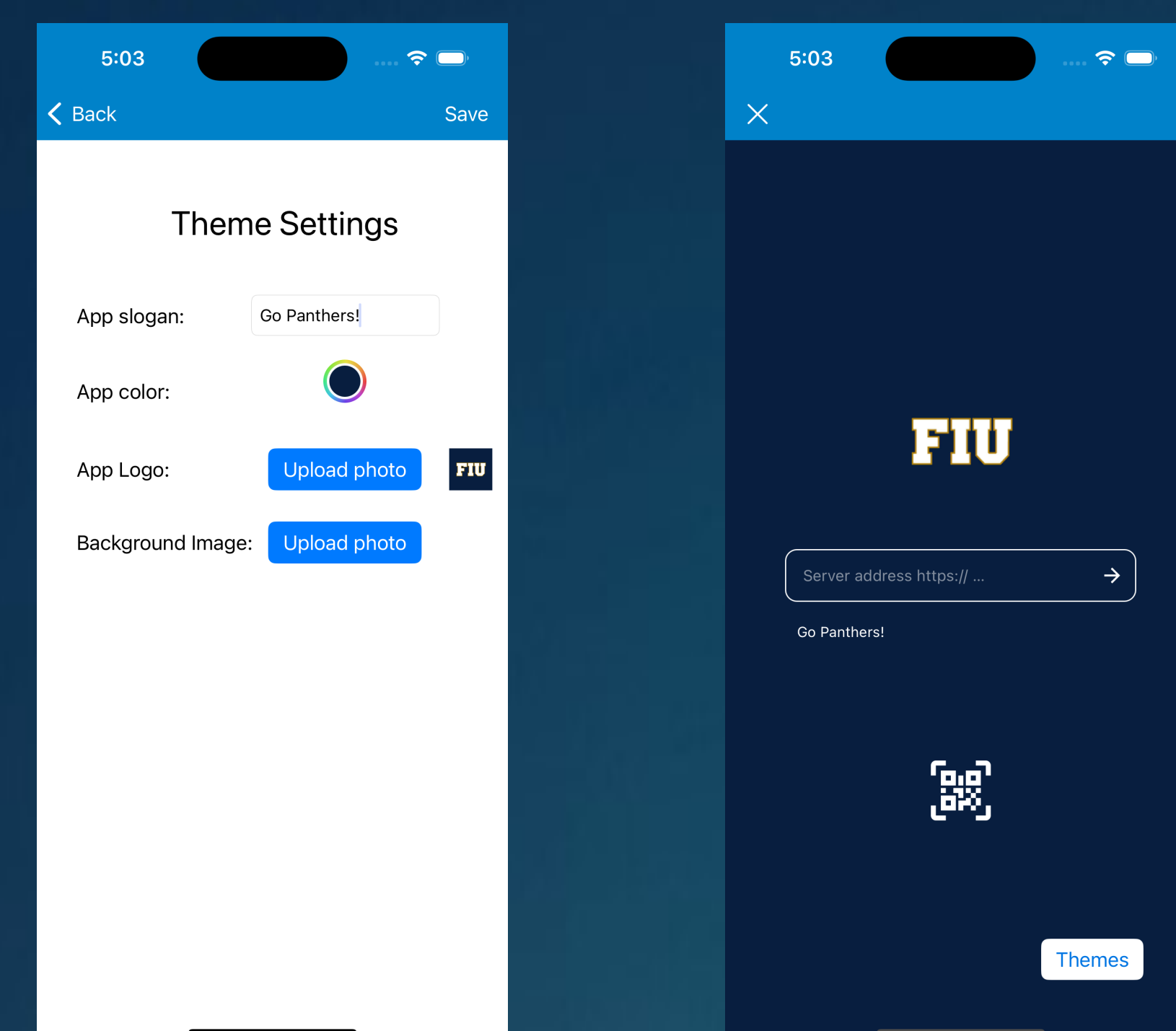
VERIFICATION

Our work was constantly verified by other team-mates while performing pulls and push and making sure the code was interacting correctly without overwriting other changes. Also each week we would meet with our product owner and we would get feedback on our individual progress , which was great to know if we were moving in the right direction.

SUMMARY

This semester we had a total of 5 development sprints . First we needed to understand how all the code was interacting and how we could make changes without breaking the app. Mostly we relied on the developer manual and tutorials and tried different approaches until we finally got to our final solution. It was a lot of trial and error but a journey to learn a lot of new technologies.

REFERENCES



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