



Knight Foundation
School of Computing
and Information Sciences

Knight Foundation School of Computing and Information Sciences

Fall 2023 Senior Design Project



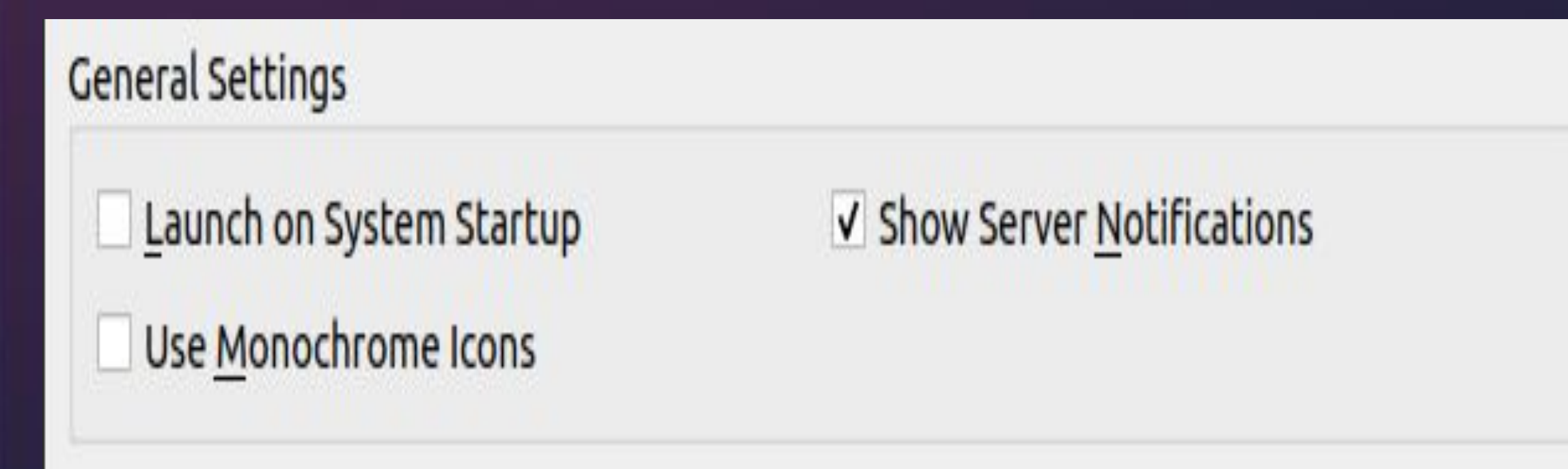
Bringing Personalization To The Nextcloud Linux Client

Students: Cynthia Valdes Martin, Alejandro Carballo, Geovani Rodriguez

Mentor: Seyedmasoud Sadjadi

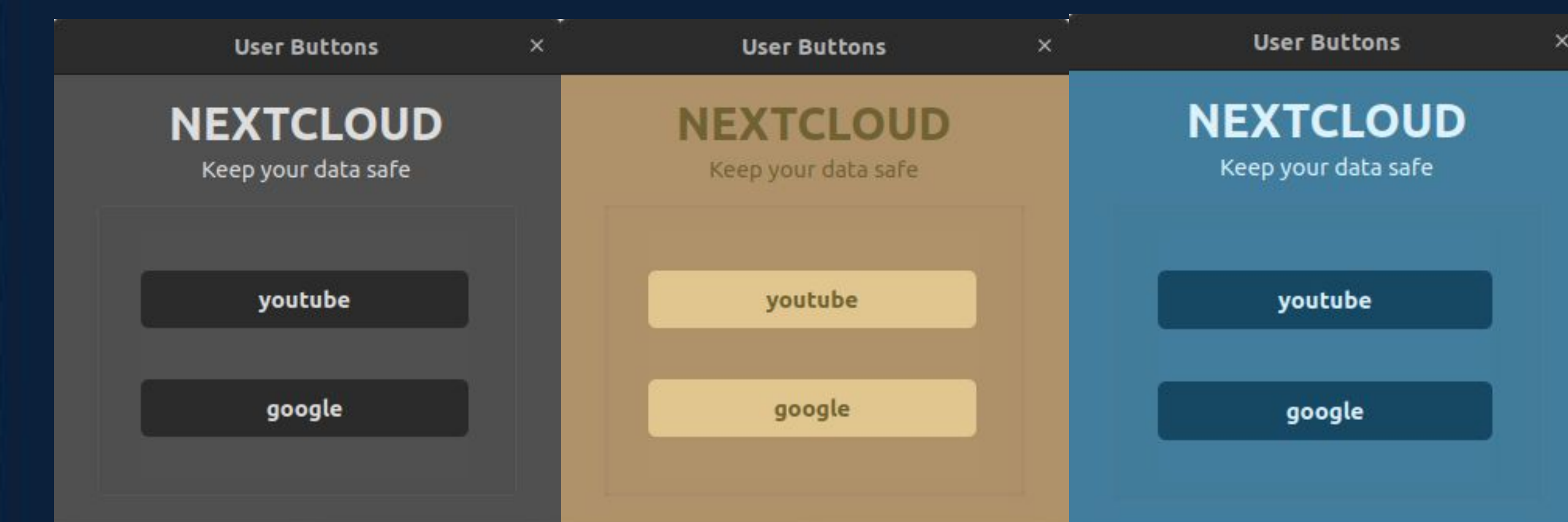
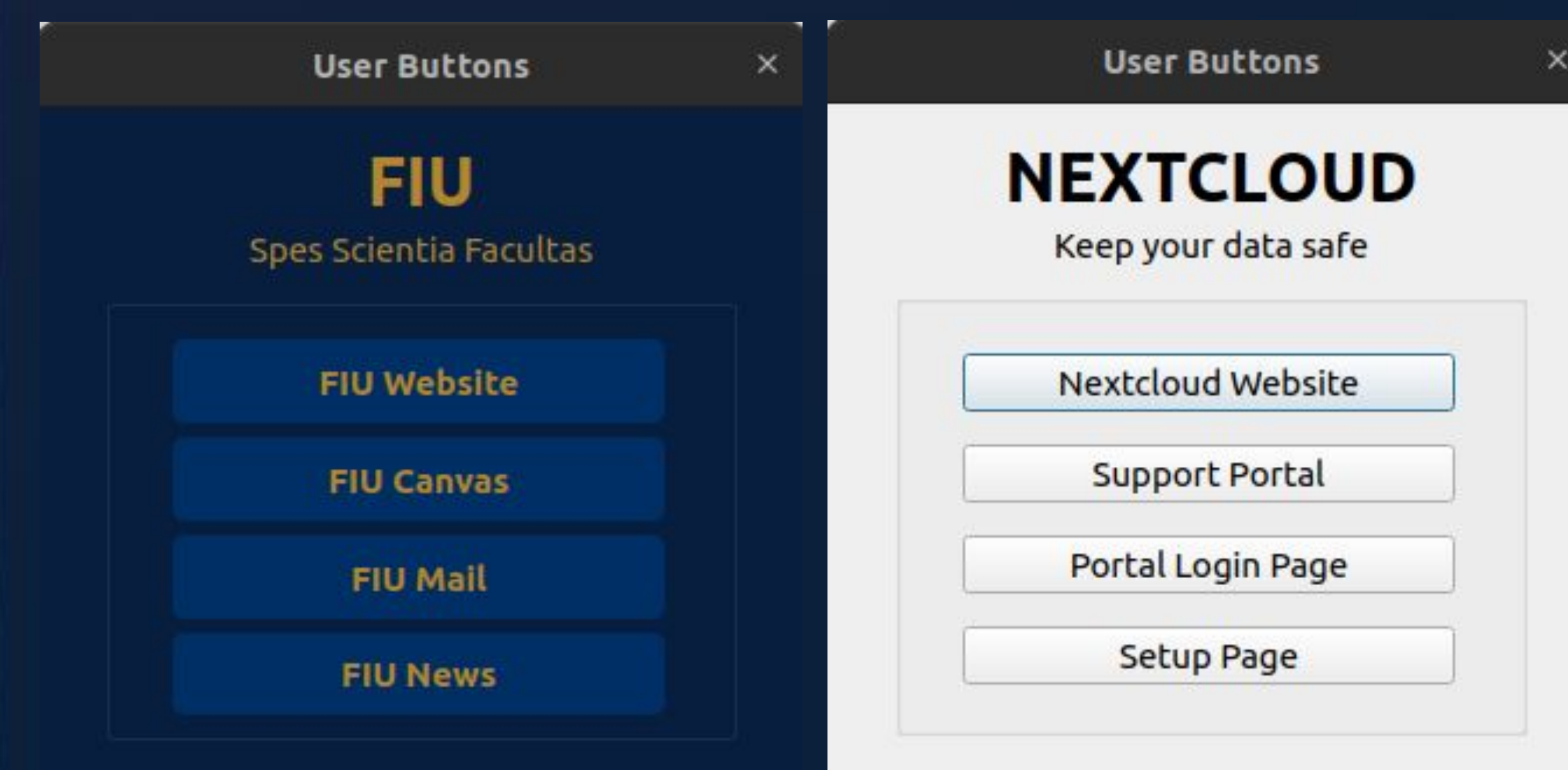
Instructor/Faculty: Seyedmasoud Sadjadi

PROBLEM



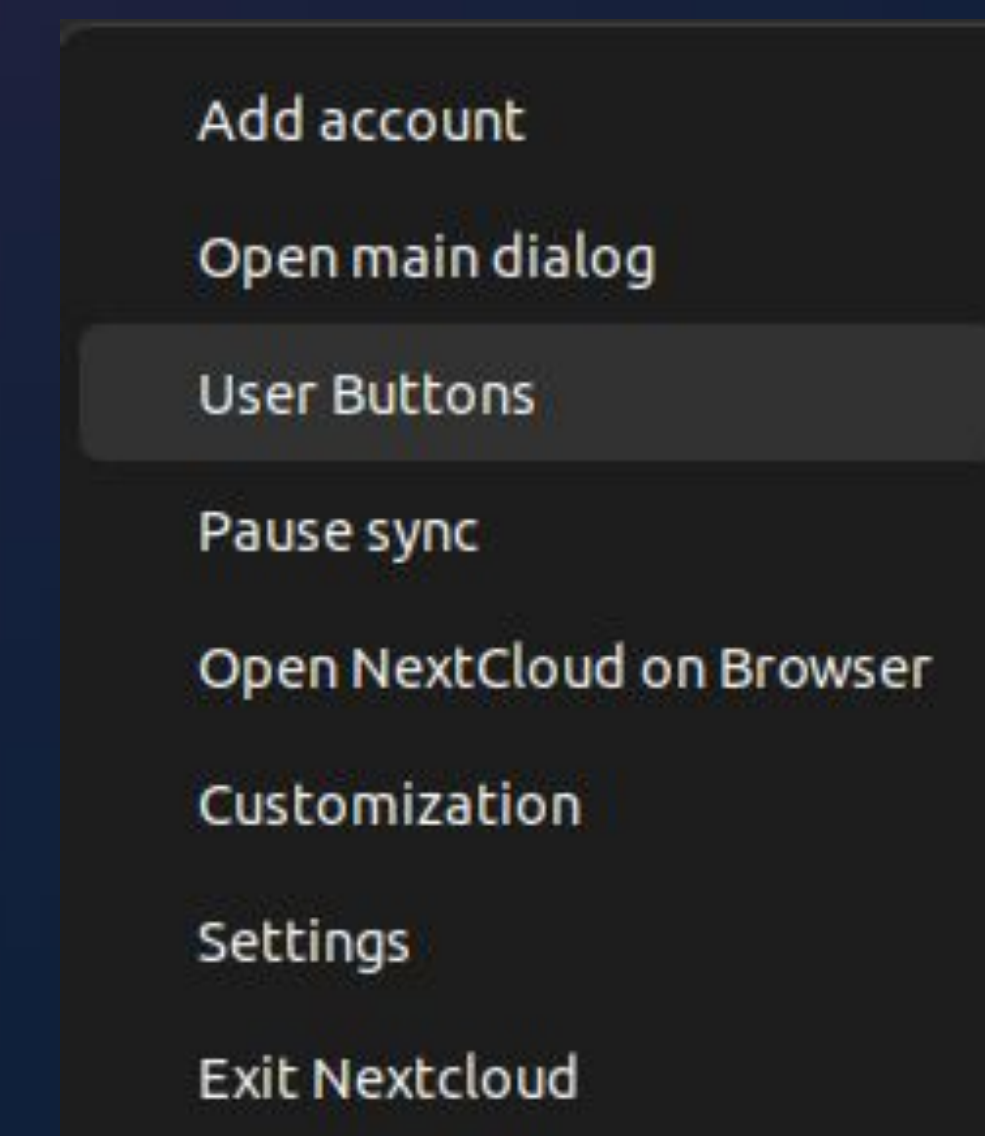
Original Nextcloud does not have much for customization, a monochrome icons option being the only way to personalize nextcloud

3. Create themes for the user buttons tab, including a default Nextcloud theme and an Fiu theme



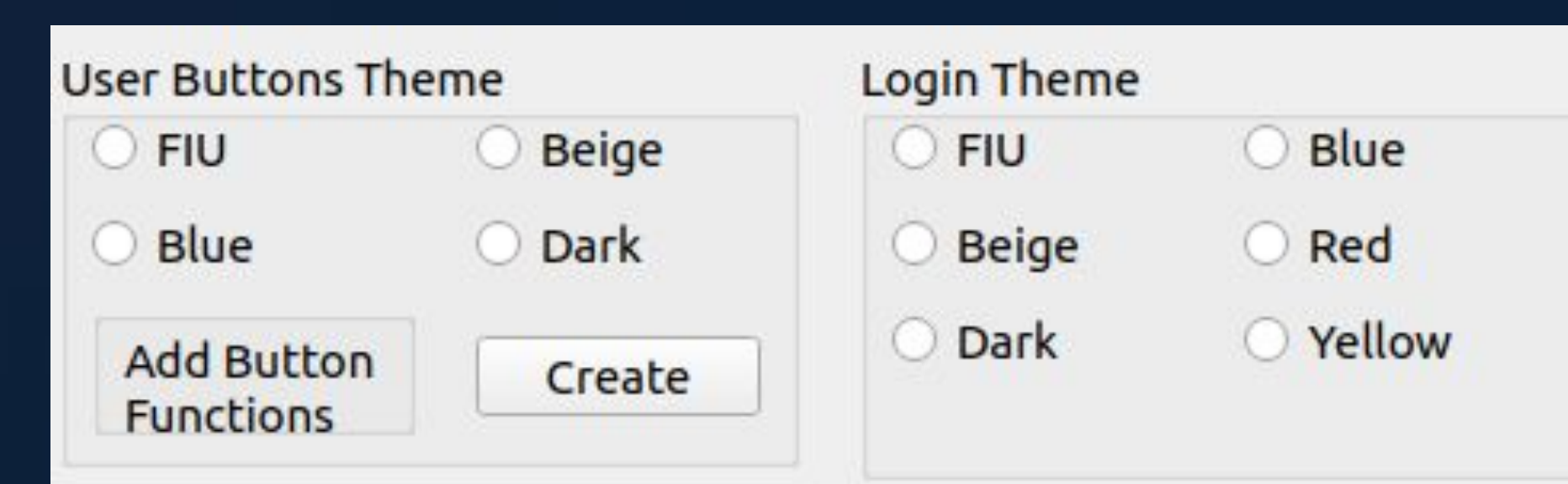
REQUIREMENTS

1. Create a user buttons tab and a customization tab in the system tray to add personalization options



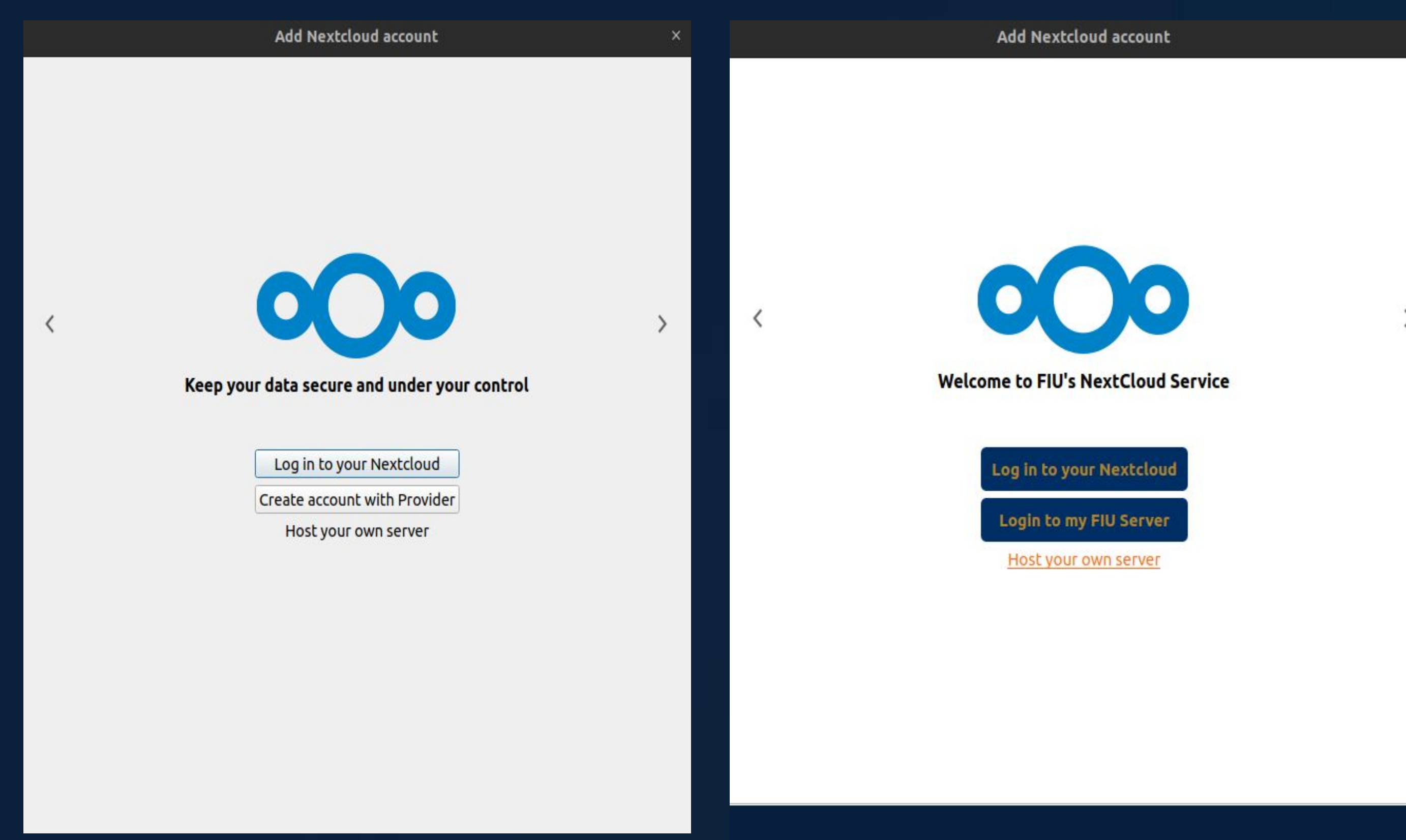
Nextcloud System Tray

2. Have a unified customization window with the needed user interface to create buttons and add themes



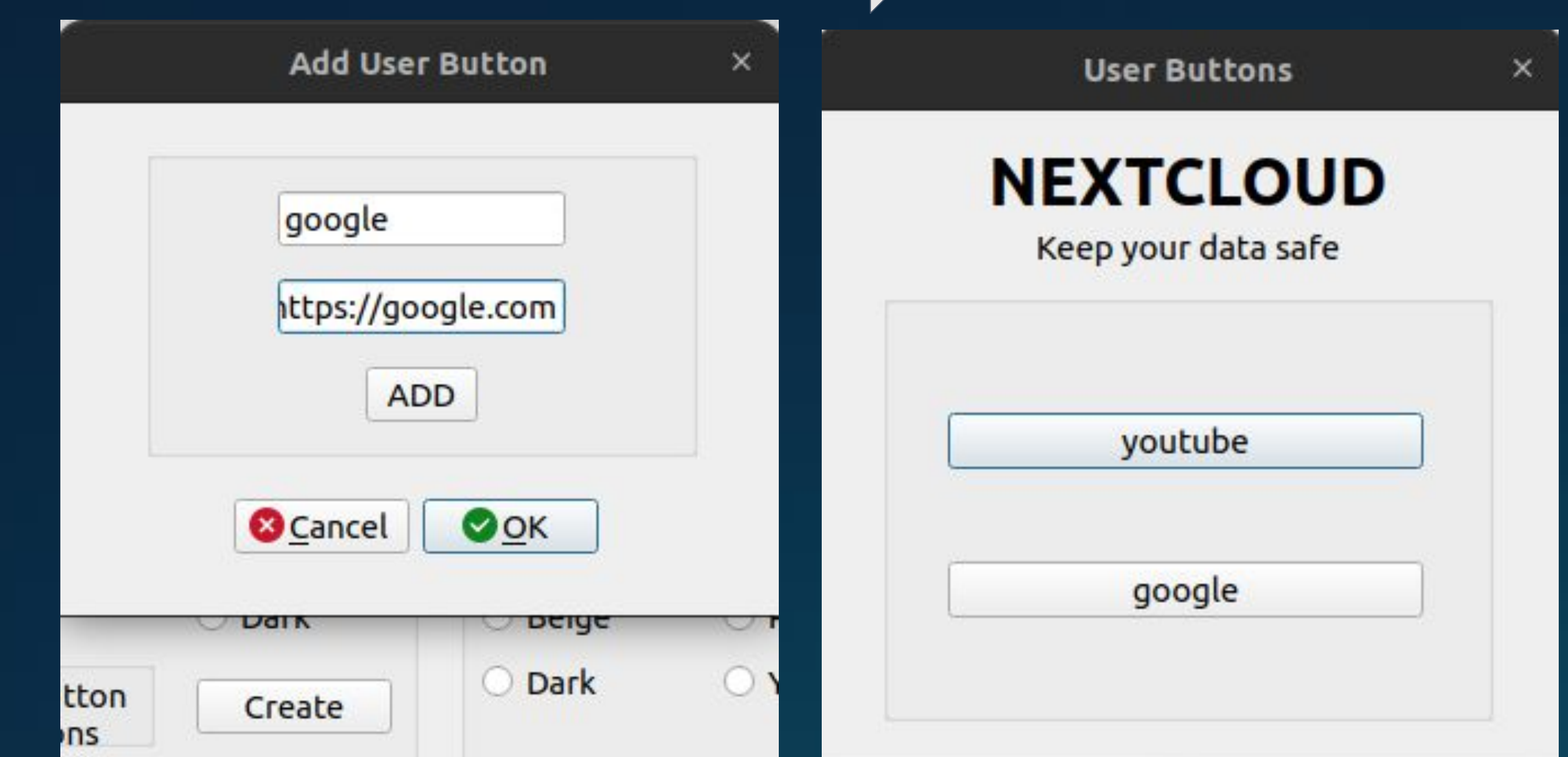
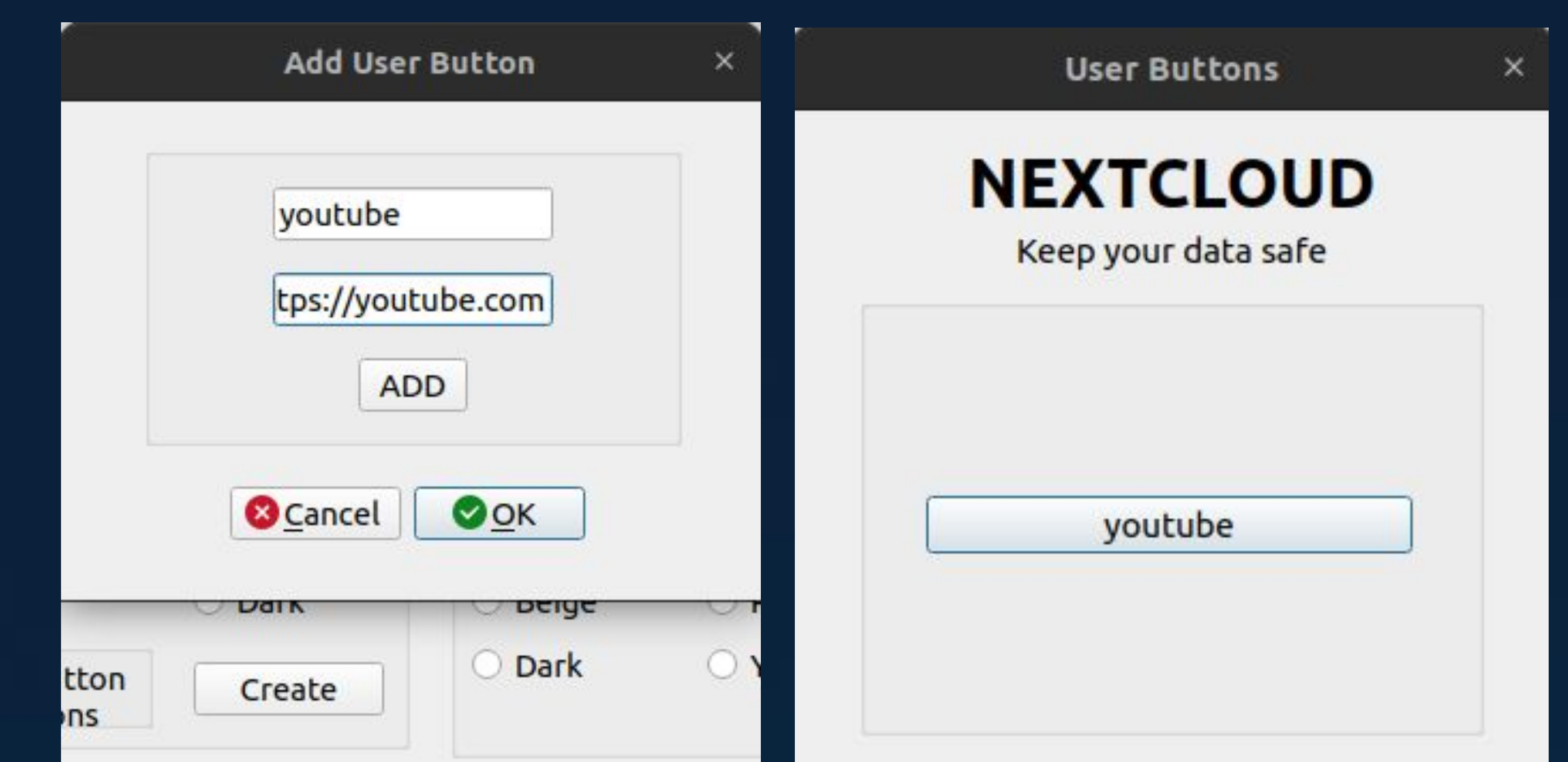
Part of added Customization Window

4. Add Personal Themes to add account/login page from Customization Window



Add Account Default to Personal Theme

Adding button names and links to user buttons tab inside the Create button in customization window



IMPLEMENTATION



ACKNOWLEDGEMENT

The material presented in this poster is based upon the work supported by Nextcloud and Florida International University. We thank Seyedmasoud Sadjadi for his assistance and mentorship that we received throughout the senior design project.

Engineering
& Computing

FLORIDA INTERNATIONAL UNIVERSITY