

NextAD: Profile Management Integration App

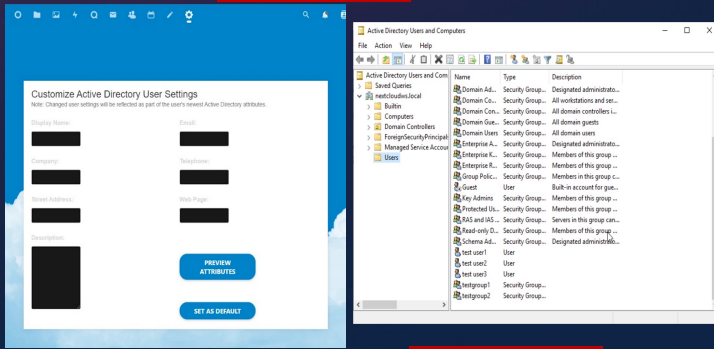
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Instructor/Faculty: Dr. Masoud Sadjadi, Florida International University

Individual Contribution

As a contributor, I developed a JavaScript file, "nextad_scripts.js" which integrates with the PHP backend for this web application. My code handles user interactions, managing DOM elements, and sending HTTP requests to call the endpoints my team developed. I focused on creating efficient, event-driven scripts to enhance user experience and ensure seamless data flow between the frontend and the backend.

Screen Shots



CURRENT SYSTEM

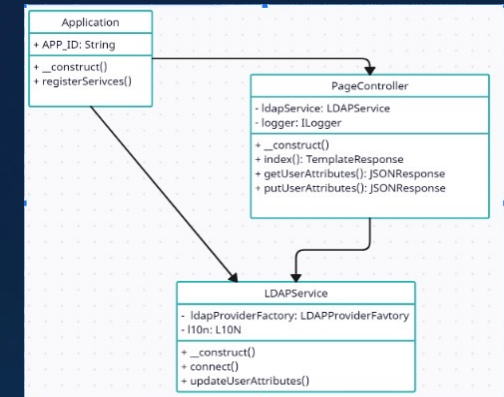
Current Functions of NextAD Application:

- Users can actively edit Active Directory user attributes
- Users can preview Active Directory user attributes
- Users can wipe attributes from fields before confirmation in the AD
- Automatic Active Directory user recognition by User ID (UID) of logged-in account

Requirements

- Active Directory System (Windows AD, Azure AD, etc.)
- LDAP Application in NextCloud (settings need to be adjusted on this application)

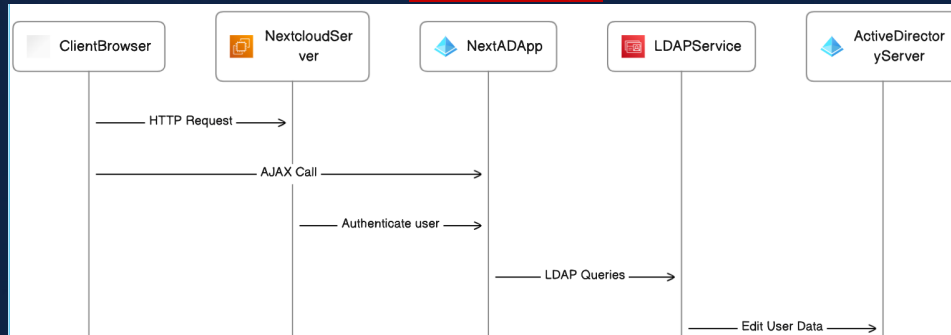
Object Design



Summary

The goal behind creating this Nextcloud application was to create a smooth connection enabling users or administrators to easily update their own or others' attributes in an Active Directory from anywhere, as long as they have access to Nextcloud.

System Design



IMPLEMENTATION



ACKNOWLEDGEMENT

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