

NextAzure

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PURPOSE

NextAzure provides users that frequently use NextCloud and the Azure portal access to some of the most frequent features provided by the portal from the comfort of the NextCloud application.

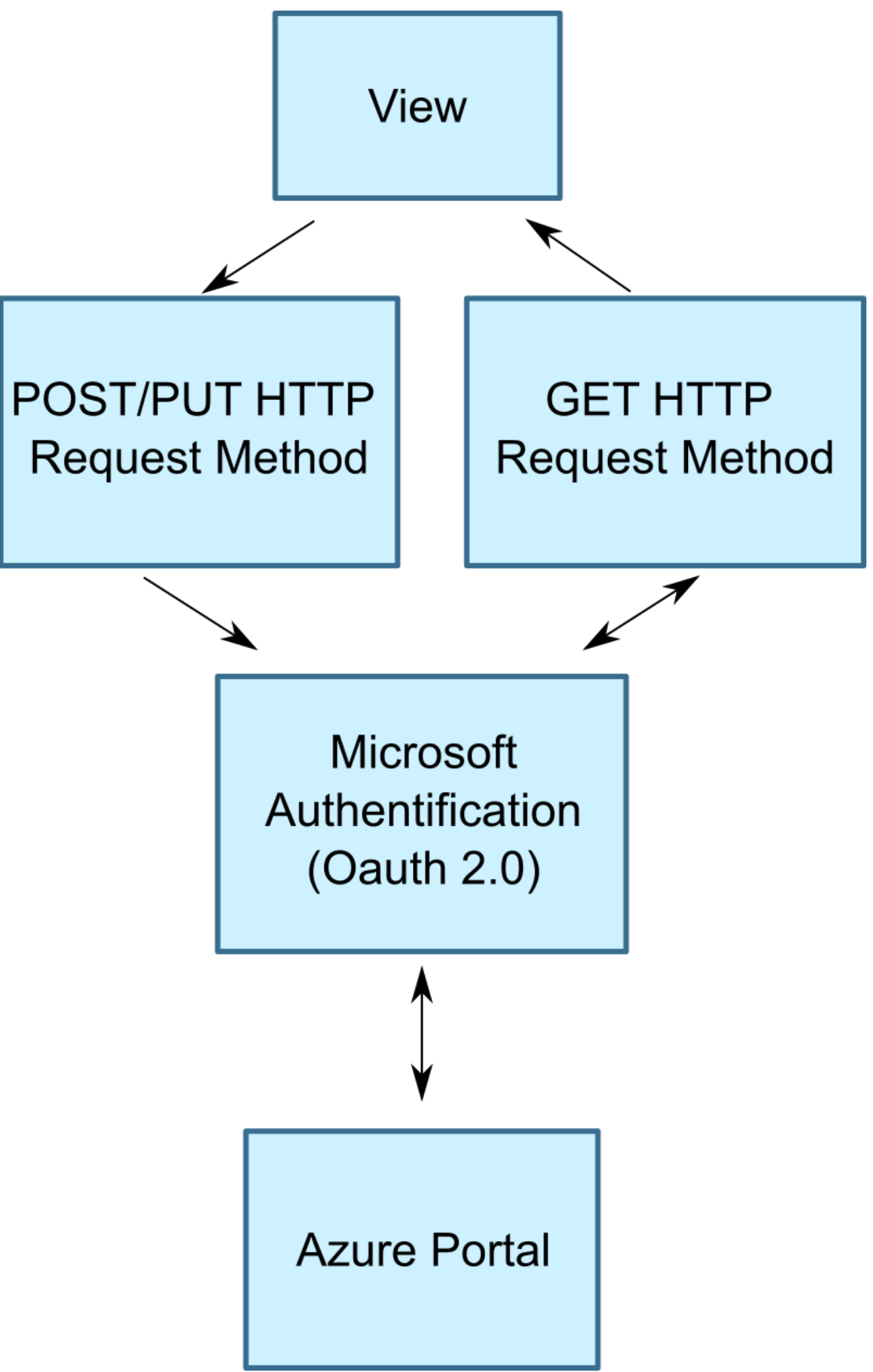
CURRENT SYSTEM

The system allows users to sign into their Microsoft account from NextCloud using Microsoft's standard sign-in procedure. After signing-in, users can view their Azure Subscriptions, Resource Groups, Virtual Machines, App Services, Databases, and Storage Accounts.

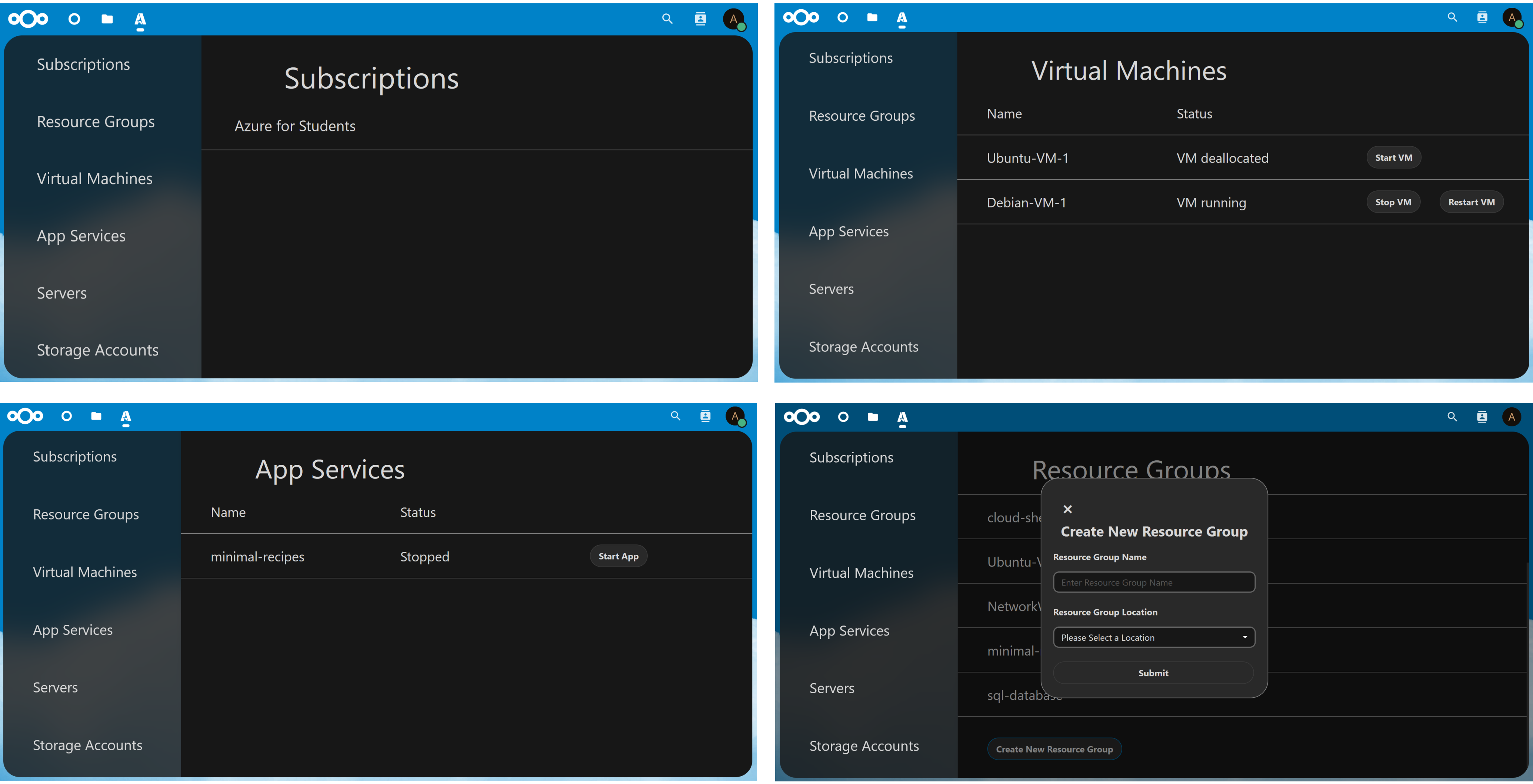
CONTRIBUTIONS

My contributions were focused on creating the authentication flow through NextCloud and Azure, as well as provided the features for interacting with Subscriptions, Resource Groups, App Services, and Virtual Machines

SYSTEM DESIGN



SCREENSHOTS



SUMMARY

Through the combined efforts of team, we were able to create an application on the NextCloud platform that allows access to frequently used Azure portal features.

My contribution adds the ability to:

- Sign into the Azure portal from NextCloud
- View:
 - Subscriptions
 - Resource Groups
 - Virtual Machines
 - App Services
- Start, Stop and Restart:
 - Virtual Machines
 - App Services
- Create:
 - Resource Groups

VERIFICATION

New contributions to the project were first tested on the developer's local machine before a pull request was created. Once the pull requests were reviewed and approved by each team member, they were merged with the main branch of the app repository.

TOOLS



ACKNOWLEDGEMENT

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