Proof of Concept: Project CLOUD

CougarLab Online: U Develop (lol idk)

Opportunity:

Cloud technologies have become a dominant paradigm in the computer science industry. Many developers spend some or all of their time working on virtual machines accessible anywhere. CLOUD will provide a similar experience to CSU’s undergraduate computer science students, acclimating them to the new industry standards.

Undergraduate Computer Science students often need to set up new development environments that are sometimes used just once or twice. This can be a resource-intensive burden which causes later confusion.

CLOUD will serve as a programming sandbox for students to experiment with code in a low-stakes environment. Premade images will allow students to choose the resources they need for a given project, from machine learning to web development. They’ll be able to start projects quickly, gaining cloud and Linux experience along the way.

Project definition:

Project CLOUD intends to create a private cloud for development use by CSU computer science students. It will provide students with the infrastructure to create on-demand development environments.

Project goals:

1. Work

Project requirements:

1. Network access