

MICHIGAN STATE

U N I V E R S I T Y

Beta Presentation

Cloud Management Portal

The Capstone Experience

Team GE

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Spring 2016



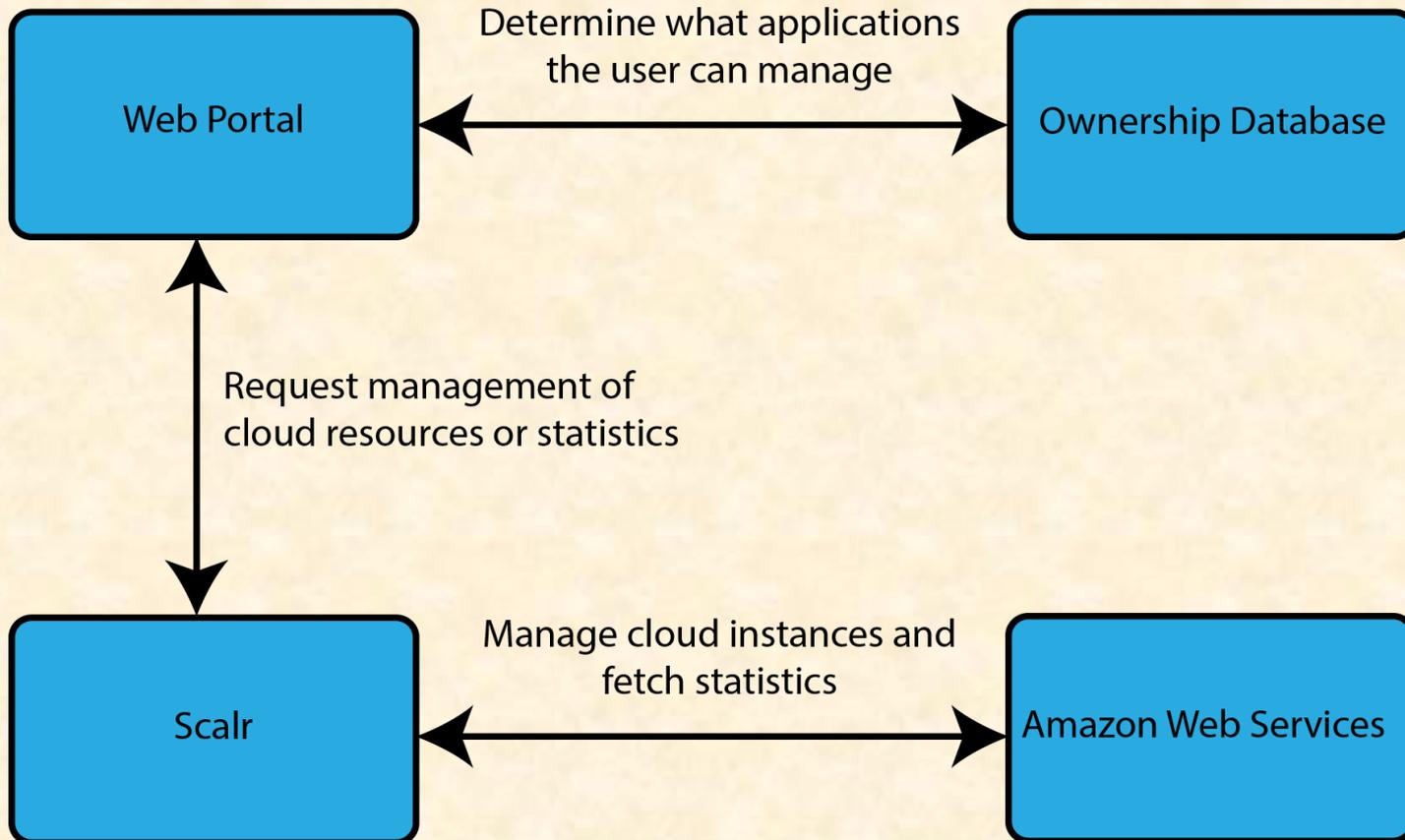
*From Students...
...to Professionals*

Project Overview

- Cloud Server Management
- Abstracts a more complex tool
- Enables scheduling of server down time and up time
- Built for non-technical managers



System Architecture



Overview of interface

The screenshot displays the 'Scheduler' section of the GE Cloud Management Platform. At the top, the GE logo and 'Cloud Management Platform' are visible on the left, and 'Environment: GE' and user 'nick' are on the right. A navigation bar includes 'Overview', 'New Farm', 'Scheduler' (highlighted), 'Access Control', and 'Options'. The main heading is 'Scheduler', followed by 'Schedule Policies'. A '+ Add Policy' button is on the left. Four policy cards are shown, each with a toggle switch, a name, and a 'Destroy' button. The first card, 'John Proctor', is inactive and has two event entries. The second, 'Django Reinhardt', is active and has two event entries. The third, 'First real new policy', is active and has one event entry. The fourth, 'sdasfdasfdasfd', is active and has one event entry. Each card has an 'Add Farm' or 'Add Event' button. At the bottom right, there are links for 'Privacy', 'Terms', 'Contact', 'Accessibility', and 'Cookies'.

Cloud Management Platform

Environment: GE nick

Overview New Farm Scheduler Access Control Options

Scheduler

Schedule Policies

+ Add Policy

John Proctor (Inactive) Destroy

Events Farms

+ Add Farm

- { \$ getFarmNameById(farm); \$ } ✖
- { \$ getFarmNameById(farm); \$ } ✖

Django Reinhardt (Active) Destroy

Events Farms

+ Add Event

- 🕒 Wednesday @ 12:00 PM ✖
- 🕒 Wednesday @ 1:00 PM ✖

First real new policy (Active) Destroy

Events Farms

+ Add Event

sdasfdasfdasfd (Active) Destroy

Events Farms

+ Add Event

Privacy Terms Contact Accessibility Cookies

Permission Management

Manage Accounts

Current User: nick [profile](#)

User Permissions

Username	Clone Perm	Delete Perm	Launch Perm	Schedule Perm
admin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
kate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
vincent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
lauren	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mcpeekwi	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
rosenwin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
nick	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Save



Farm Management



Inactive

my_new_farm



CloneDestroy



Inactive

my_new_farm (clone #1)



CloneDestroy



Scheduling Policies

 Inactive John Proctor  Destroy

Events

Farms



`{ $ getFarmNameById(farm); $ }` 

`{ $ getFarmNameById(farm); $ }` 

 Active Django Reinhardt  Destroy

Events

Farms



 Wednesday @ 12:00 PM 

 Wednesday @ 1:00 PM 



What's left to do?

- Clean up UI
- Add fast access to access and scheduling from the farm page
- Asynchronous loading of scheduling policies
- Project video
- Stretch Goal: Calendar view for scheduling objects

