MICHIGAN STATE UNIVERSITY

Beta Presentation
Cloud Management Portal

The Capstone Experience

Team GE

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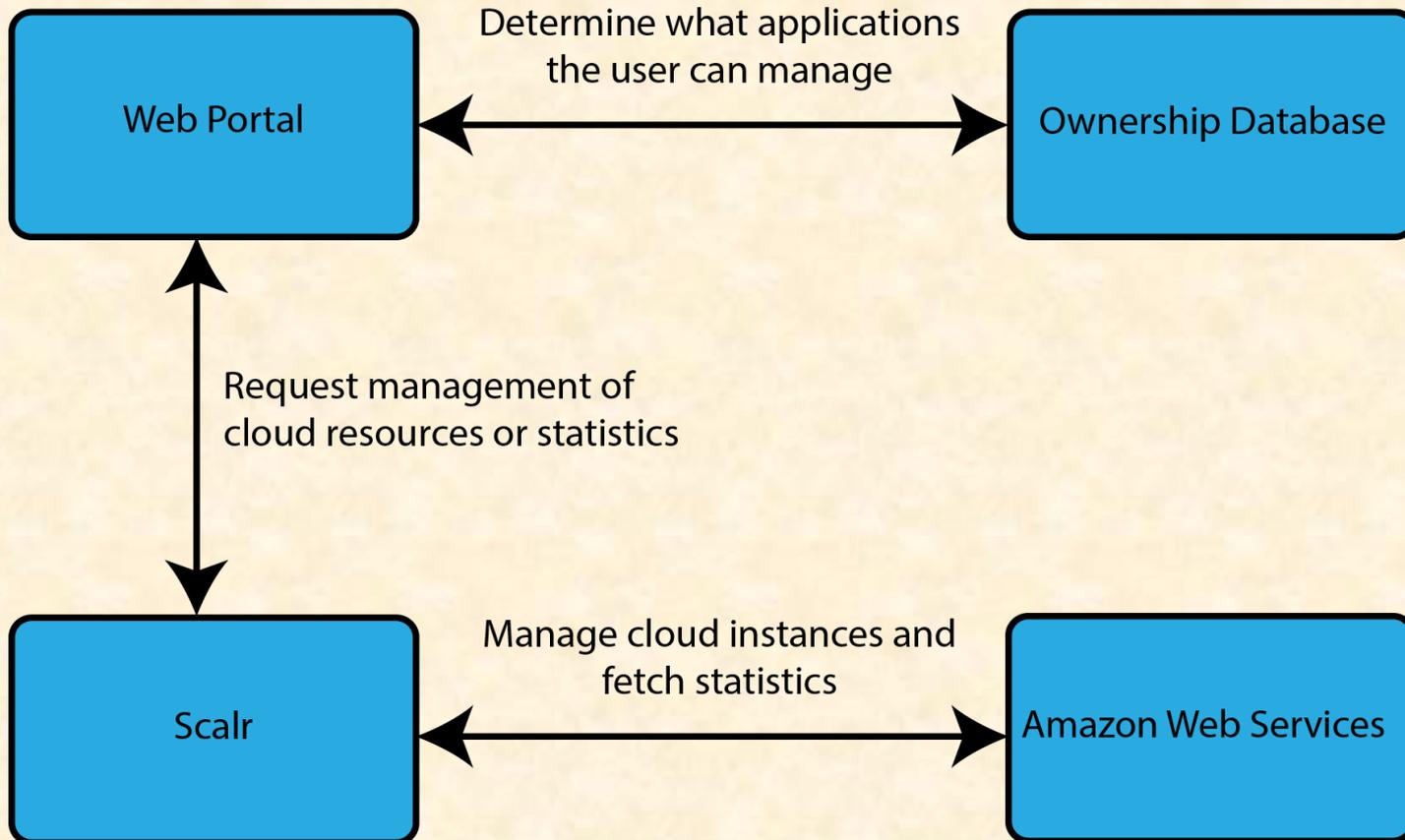Michigan State University

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

Web Portal ← Determine what applications the user can manage → Ownership Database

Web Portal ← Request management of cloud resources or statistics → Scalr

Scalr ← Manage cloud instances and fetch statistics → Amazon Web Services

Overview of interface

Permission Management

Farm Management

Scheduling Policies

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