

# AWS Visual Configuration App

Iteration 3

CS 498

# Team Members

- Joshua Kennedy
- Benjamin Furlani
- Wyatt Lawrence
- Nick Hammerstrom
- Noah Connolly
- Ben Lawson (Mentor)

## Client Information

- Trey Gourley
- Accutech Systems, Muncie, IN

## Mentor Feedback

- Mentor recommended we implement stop/start functionality for the few services that have that ability.
- Mentor's opinion was that error logging should not be as high a future priority as making the UI look nicer.
- Recommended that we make MRs and code reviews a regular thing.

# Client Feedback

- After discussing our idea of a 3-tier tree for ECS hierarchy, client said he preferred a click-and-explode thing, somewhat like a wagon wheel.
- Would like to see more color in the UI.
- Was not interested in start/stop functionality, for security reasons. This would get into permissions, and it shouldn't be easy for the user to accidentally stop a service.
- Wants Route 53 for the next iteration, explained how he would like it visualized, as an icon (representing a Route 53 instance), with a number on it (representing that instance's number of zones).

# Future - Fourth Iteration Features

- ECS “wagon wheel” expanded view
- Route 53 (new service)
- More refinement for the GUI - color, AWS icons and logos perhaps
- Error logging
- Stop/start functionality for applicable AWS services

# Teamwork - Work Distribution

- Joshua Kennedy: refactor EC2, RDS, LB handlers, create mock clients for each, and improve testing for each.
- Wyatt Lawrence: refactor ECS, improve ECS testing, begin developing ECS “wagon wheel” hierarchy on separate branch
- Nick Hammerstrom: mock ECS client (clusters and services), investigate project compatibility with Docker
- Noah Connolly: S3 handler
- Benjamin Furlani: Auto-refresh feature, S3 UI

# Random: 1920s Futurism Urban Planning





# 1920s Futurism Urban Planning

