

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

AppDynamics Platform Configuration Tool

The Capstone Experience

Team Evolution

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

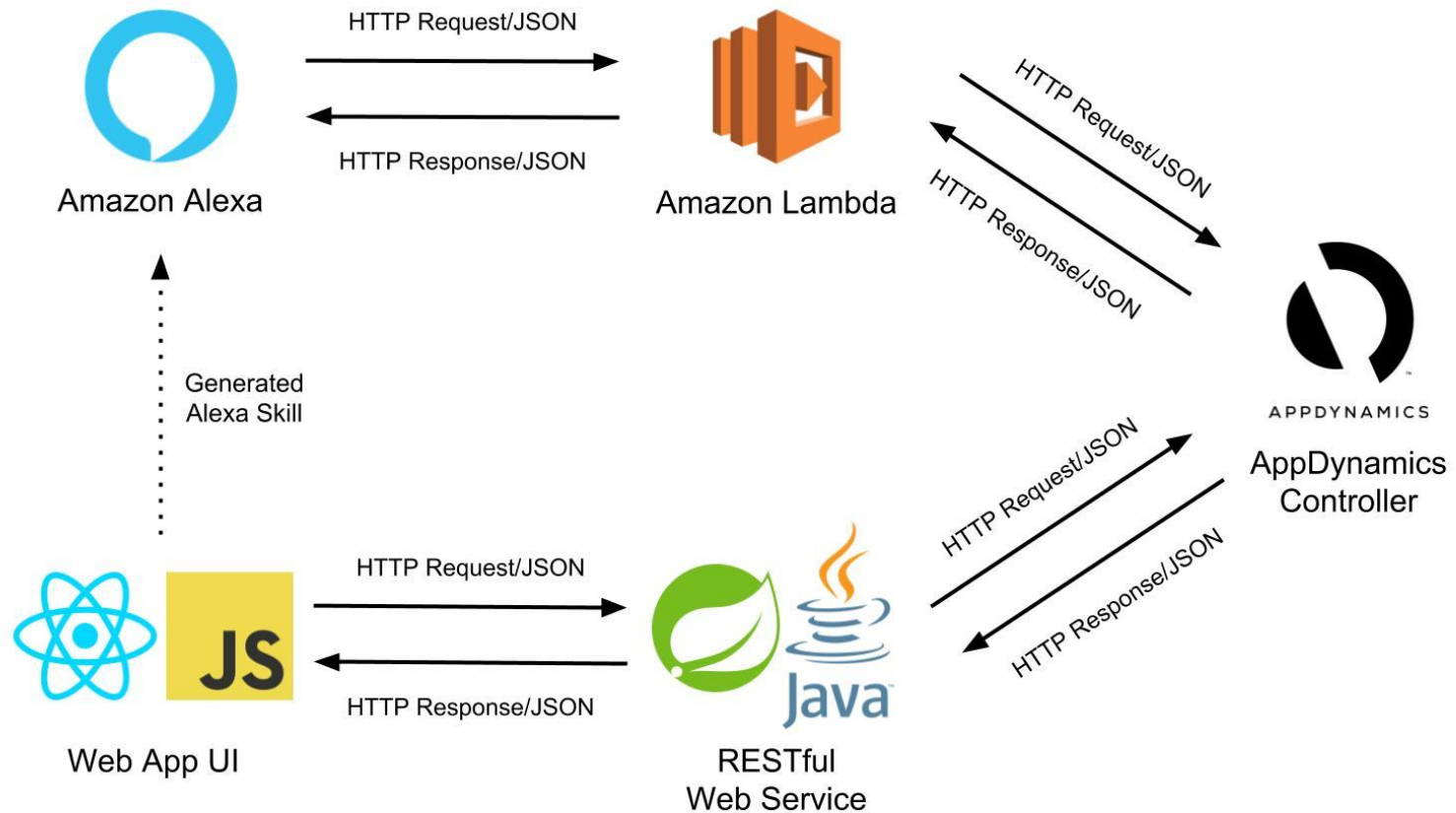
Department of Computer Science and Engineering
Michigan State University
Spring 2019

Project Overview

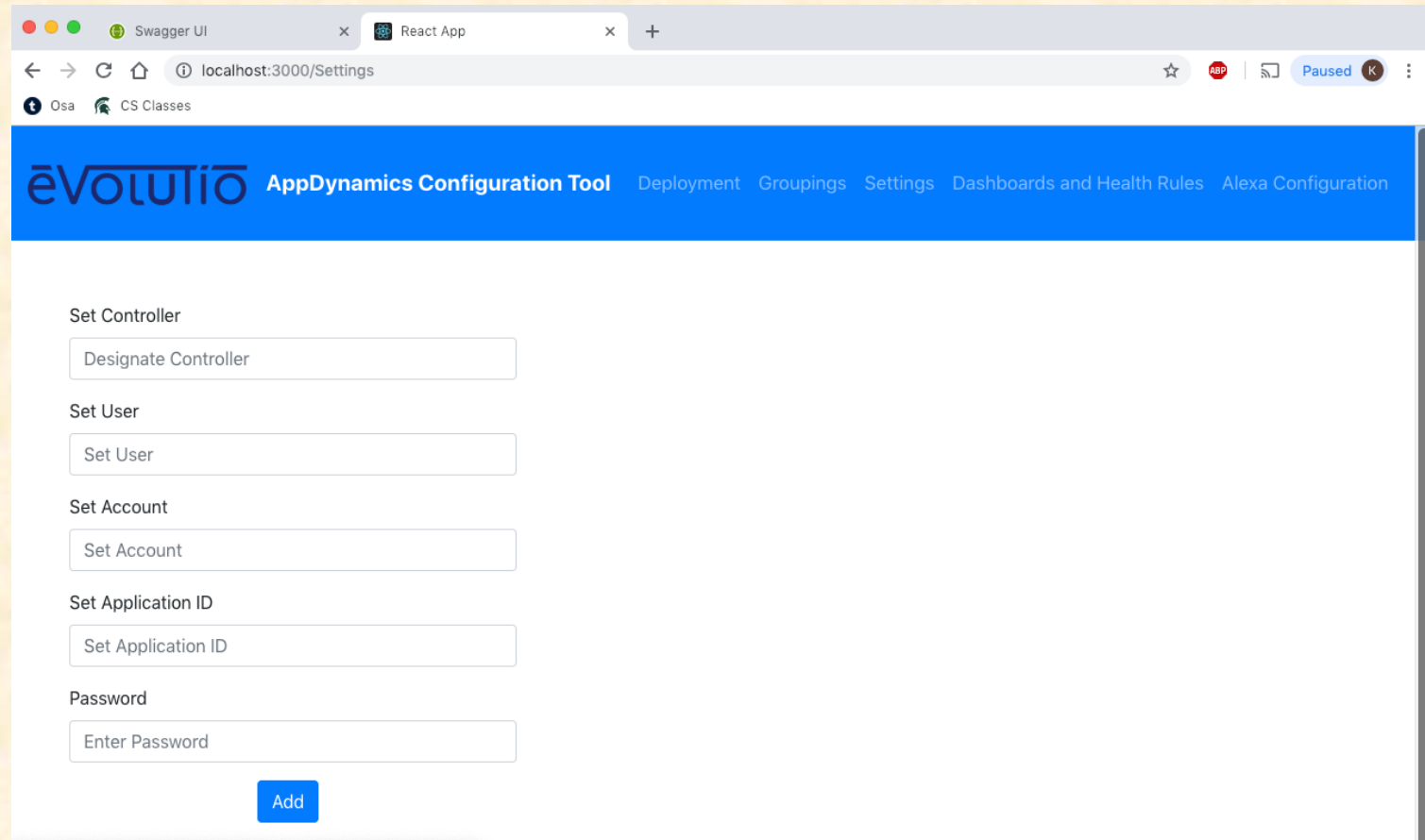
- Empower Evolutio's Consultants and Clients to Utilize Cisco AppDynamics
- Easily Configure, Deploy and Manage Applications
- Retrieve and Report Basic Application Metrics Via Amazon's Alexa



System Architecture



Controller Registration



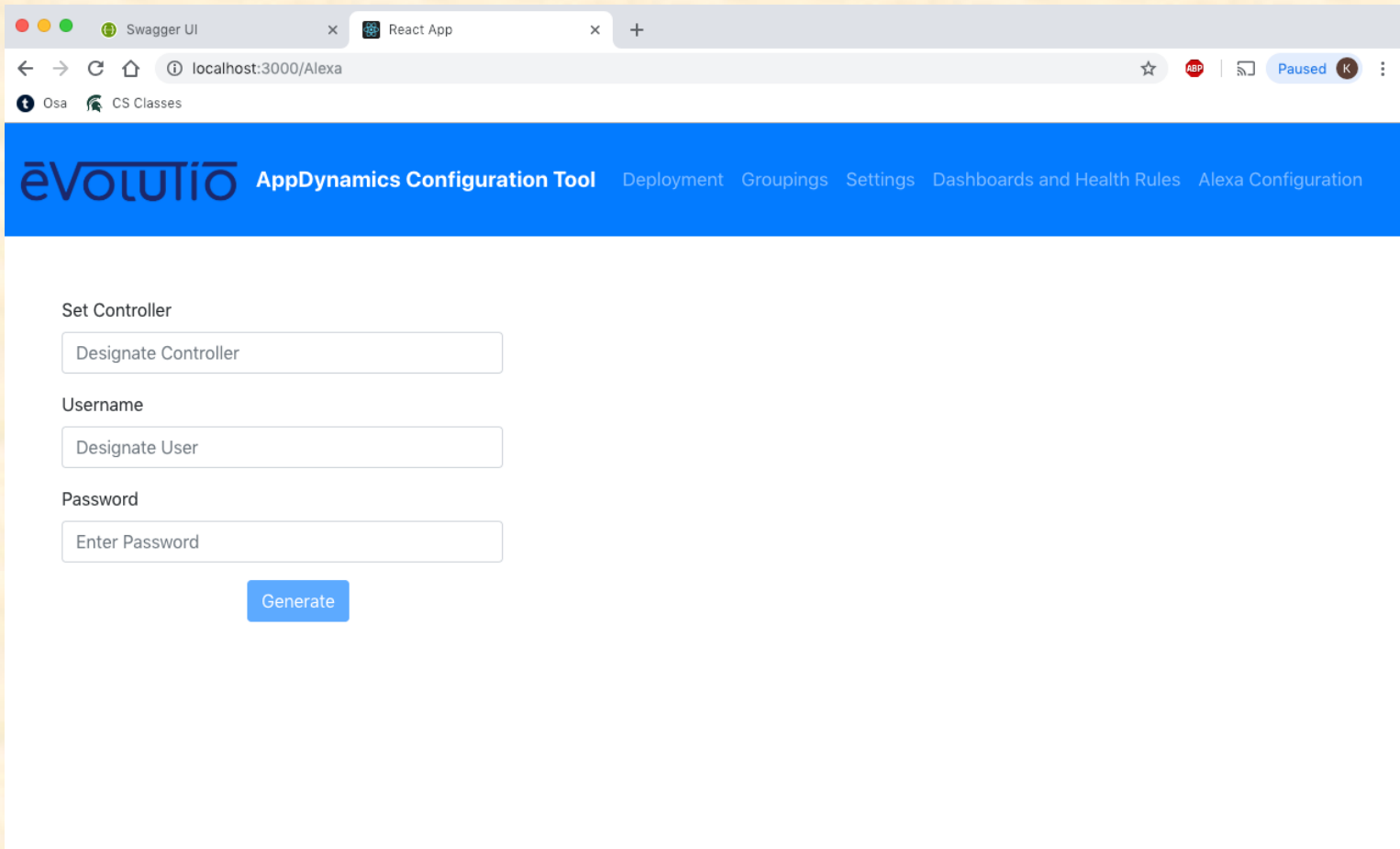
The screenshot shows a web browser window with two tabs: 'Swagger UI' and 'React App'. The address bar shows 'localhost:3000/Settings'. The browser's top bar includes navigation icons, a star icon, a red 'ASP' icon, a 'Paused' indicator, and a user profile icon 'K'. The page header is blue and contains the 'evolutio' logo, the text 'AppDynamics Configuration Tool', and navigation links for 'Deployment', 'Groupings', 'Settings', 'Dashboards and Health Rules', and 'Alexa Configuration'. The main content area is white and contains a form for controller registration with the following sections:

- Set Controller**: A text input field containing 'Designate Controller'.
- Set User**: A text input field containing 'Set User'.
- Set Account**: A text input field containing 'Set Account'.
- Set Application ID**: A text input field containing 'Set Application ID'.
- Password**: A text input field containing 'Enter Password'.

At the bottom of the form is a blue 'Add' button.



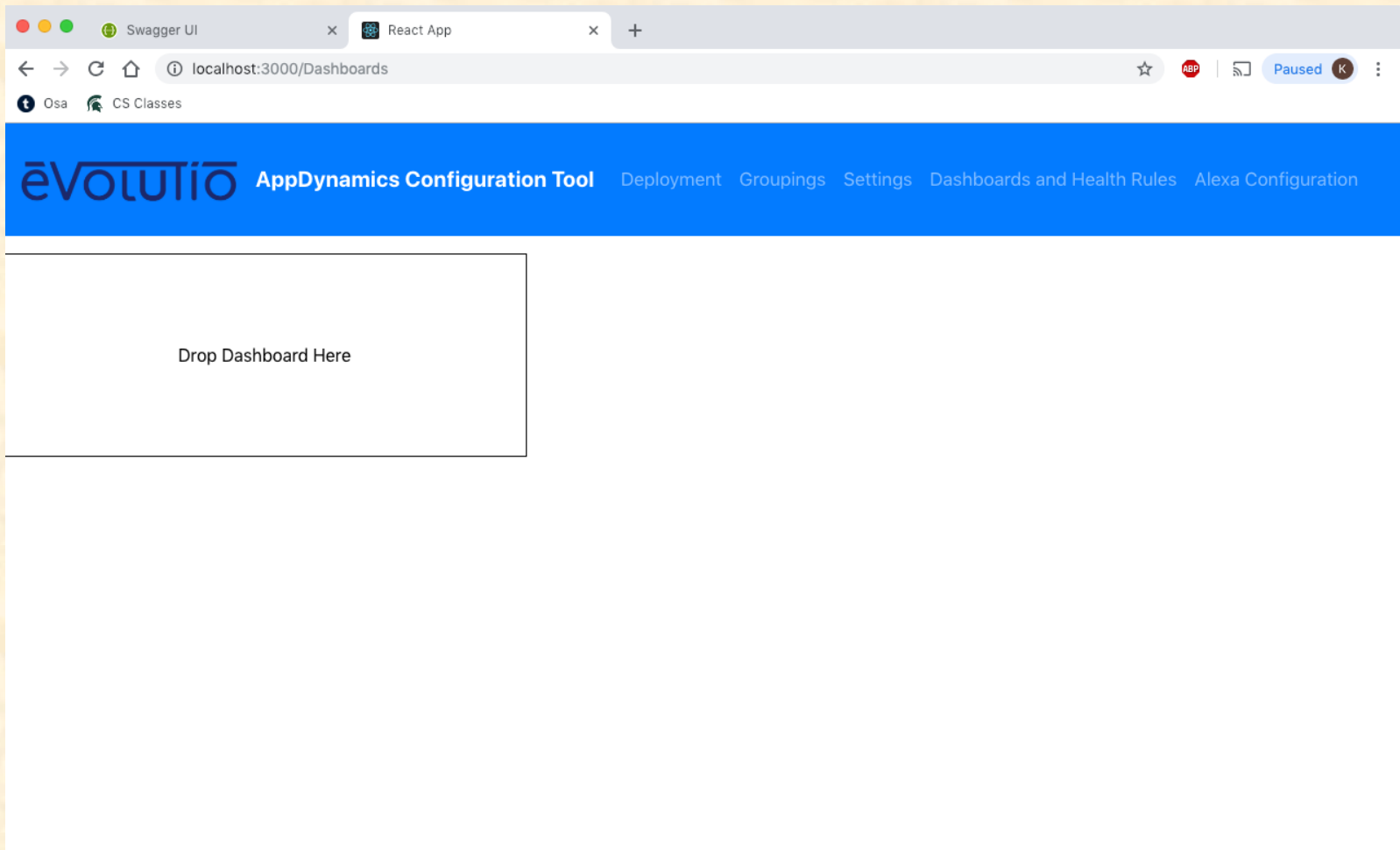
Alexa Configuration



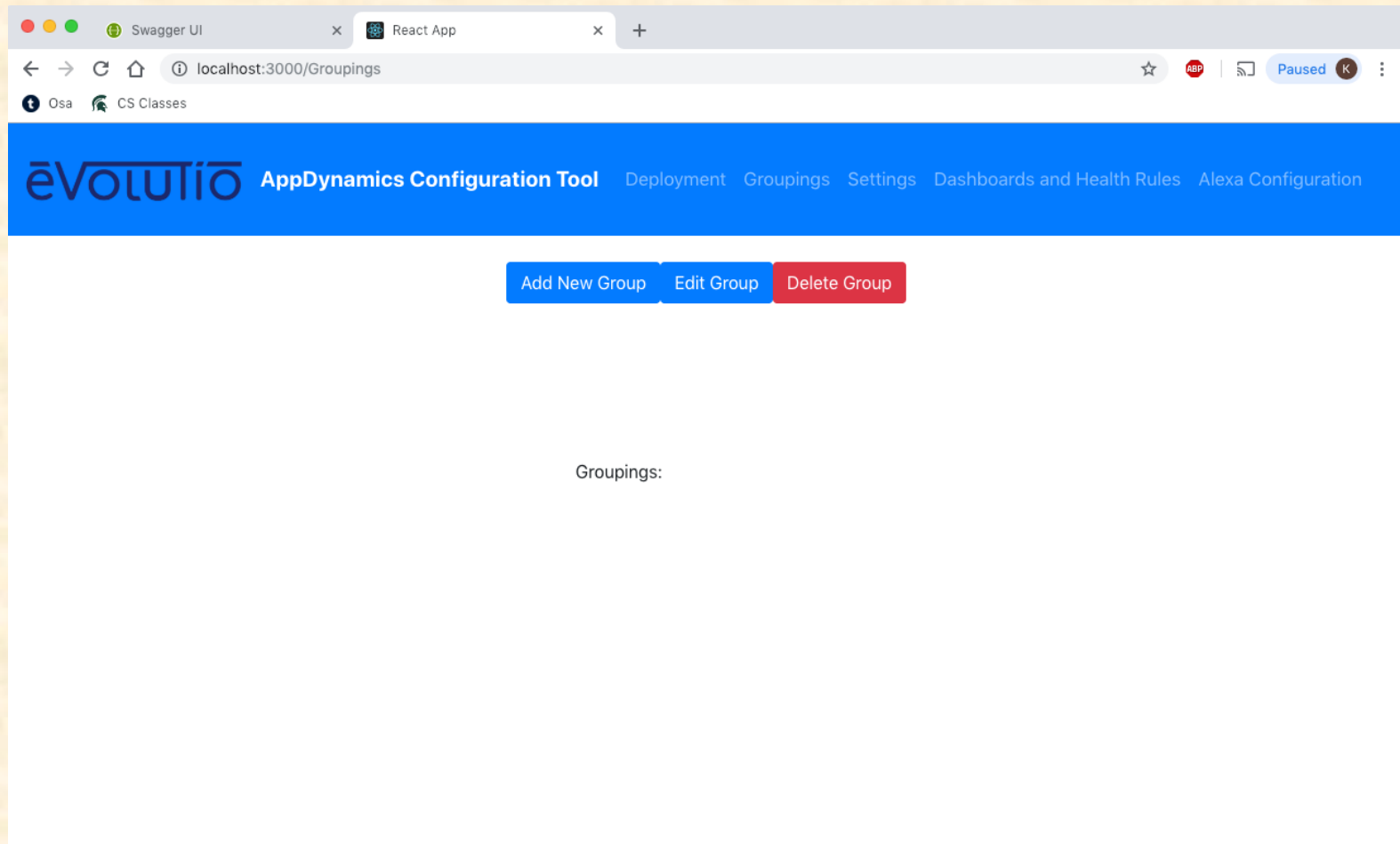
The screenshot shows a web browser window with two tabs: "Swagger UI" and "React App". The address bar displays "localhost:3000/Alexa". The browser interface includes navigation buttons, a search bar, and a "Paused" notification. The main content area features a blue header with the "evolutio" logo and the text "AppDynamics Configuration Tool". Navigation links for "Deployment", "Groupings", "Settings", "Dashboards and Health Rules", and "Alexa Configuration" are visible. The "Alexa Configuration" section contains three input fields: "Set Controller" (containing "Designate Controller"), "Username" (containing "Designate User"), and "Password" (containing "Enter Password"). A blue "Generate" button is positioned below the password field.



Dashboards



Groupings



What's left to do?

- Refactoring and Deploying Health Rules
- Connect Front-End and Back-End Functionality
- Notification System
- Dashboard Scoping References
- Alexa: Sessions and Zipping Entire Skill



Questions?

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