Alpha Presentation

GameChang3rs Learning Management System

The Capstone Experience

Team Michael Sadler Foundation

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Project Overview

• Centralized website for GameChang3rs LMS
• Ease of use and expansion
• All data in one secure place
• Foundation adds content/users, enrolls high school ambassadors
• Sponsors and admins view data
• Elementary students complete quizzes
• Ability to view Google Apps in the system
System Architecture

END USER

WEB USERS (Administrators and Ambassadors)

AWS

Amazon EC2

Elastic Beanstalk

MySQL

S3 Storage

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<table>
<thead>
<tr>
<th>Student Number</th>
<th>Pre Quiz Results</th>
<th>Post Quiz Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
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<td>Complete</td>
</tr>
<tr>
<td>002</td>
<td>Complete</td>
<td>Incomplete</td>
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<tr>
<td>003</td>
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<tr>
<td>004</td>
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</tr>
</tbody>
</table>
Lesson One: Presentation
Program Management

Hello hejase@hotmail.com

List of Programs

Search For Programs: [Search]

Searching All Programs

Program 2nd Grade

- Access Program
- Edit Users
- Edit Assignments
- Delete Program

Program 6th Grade

- Access Program
- Edit Users
- Edit Assignments
- Delete Program

Program 8th Grade

- Access Program
- Edit Users
- Edit Assignments
- Delete Program
User Management

PROGRAM PAGE

You are editing program 6th Grade

Search For Users: [Search]
Searching All Users
mohrcody@msu.edu [Add User]
hejaseba@msu.edu [Add User]
woodhann@msu.edu [Add User]
1
Page Index: 1
What’s left to do?

• Properly pull and display data
• Fully integrate CSV functionality
• Polish front-end UX
• Fully integrate website on AWS
• Extensive real-world testing/debugging
Questions?