

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Pulse

The Capstone Experience
Team Michigan State University

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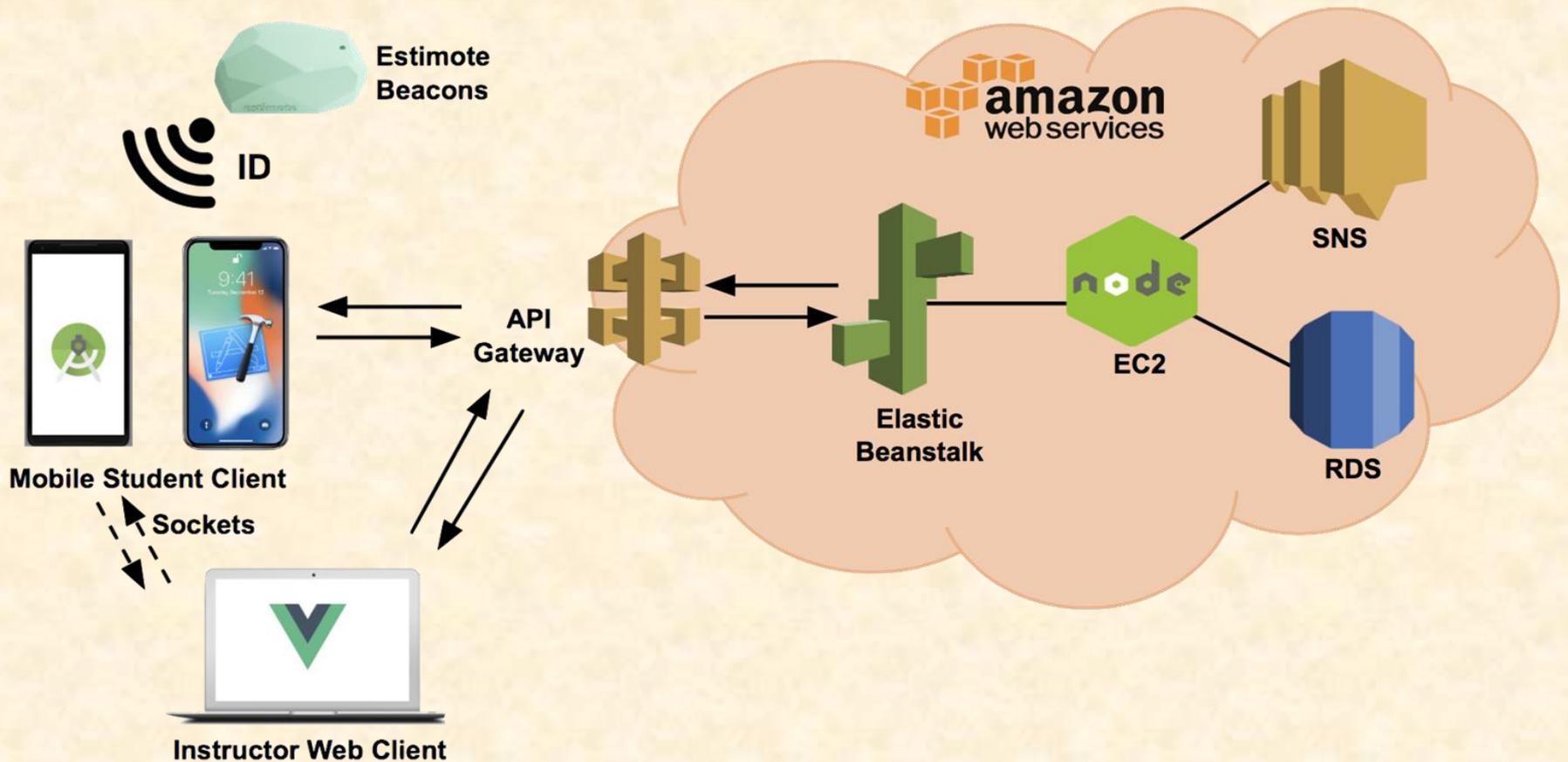
*From Students...
...to Professionals*

Project Overview

- In-Class Questions and Results
- Record Student Responses
- Forum to Further Academic Discussions
- Automatic Attendance



System Architecture



Web Forum

Michigan State University Signed in as Andrew [Switch user](#)

Question Set Forum Instructor Tools

CSE 472

Quiz on Friday has been moved.
The quiz over ray tracing and openGL will be next week, **Tuesday the 12th.**

Posted at 04/02/2018 03:22 PM by Andrew in 1

0 Pinned Post

Problem Solved
👍 Thanks for the help everyone!

Posted at 04/02/2018 03:23 PM by student in 1

2 Pinned Post

Study Group
Would anyone like to meet to prepare for the quiz Friday?

Posted at 04/02/2018 03:26 PM by student in 1

2 Pinned Post

Homework 2 Reminder
A lot of you have forgotten to change the app name from "app_name" to your username. If you were one of these forgetful souls, please resubmit.

Posted at 04/02/2018 03:29 PM by Andrew in 1

1 Pinned Post

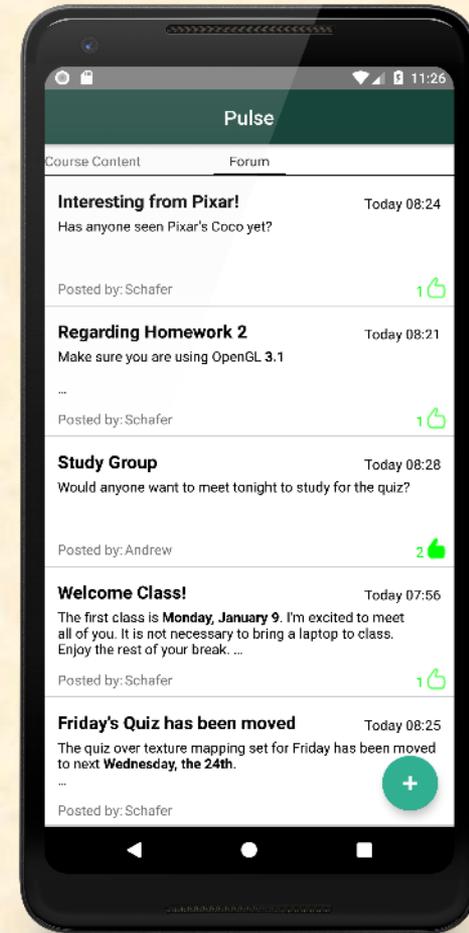
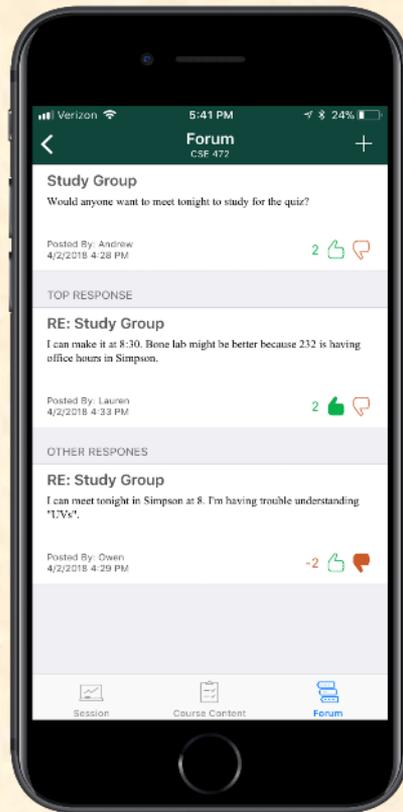
Problems with Visual Studio
It is brought to my attention that many of you are having trouble with step8. Make sure you are using version **5.0** of OpenGL plugin.

Posted at 04/02/2018 03:25 PM by Ar 

Classroom Engagement App ALPHA



Mobile - Forum



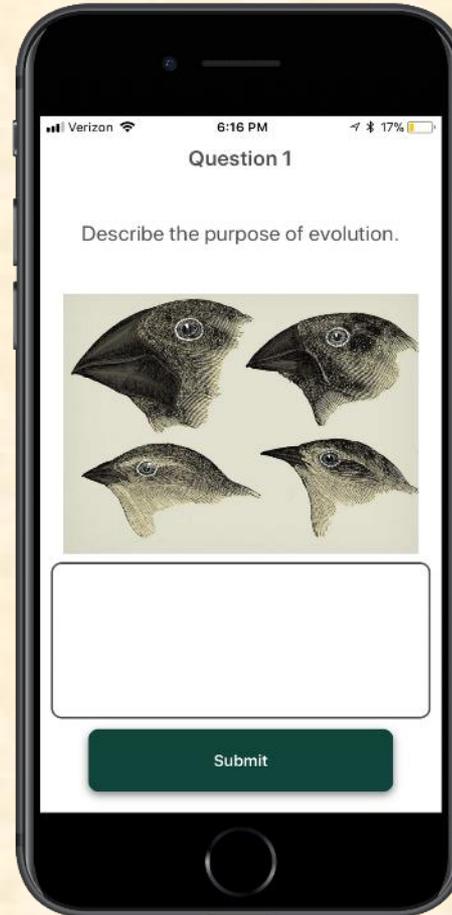
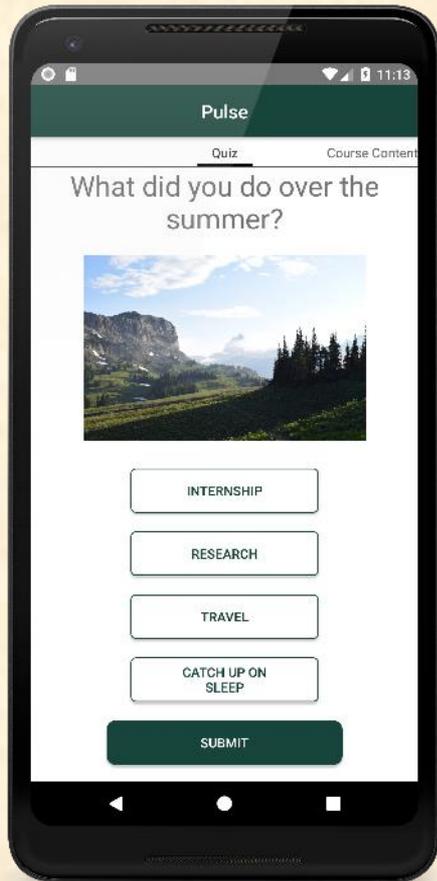
Web - Question Set

The screenshot displays the Michigan State University Classroom Engagement App interface. At the top, a green header bar contains the university name on the left, the user's name 'Signed in as Schafer' in the center, and a 'Switch user' option on the right. Below the header, three navigation tabs are visible: 'Question Sets', 'Forum', and 'Instructor Tools'. The 'Question Sets' tab is active, showing a sidebar on the left with a 'View Content' button and a search input field. The main content area lists eight question sets, each with a 'Launch' button and edit/delete icons. The question sets are: Class 1: Introduction to Computer Graphics : 2, Class 2: Thinking in 3D : 3, Class 3: OpenGL : 4, Class 4: Rendering : 5, Class 5: Ray Tracing : 6, Class 6: Texture Mapping : 7, and Class 8: Shading : 8. A plus sign icon is located at the bottom right of the list. The footer of the app indicates 'Classroom Engagement App BETA'.

Question Set	Launch	Edit	Delete
Class 1: Introduction to Computer Graphics : 2	Launch		
Class 2: Thinking in 3D : 3	Launch		
Class 3: OpenGL : 4	Launch		
Class 4: Rendering : 5	Launch		
Class 5: Ray Tracing : 6	Launch		
Class 6: Texture Mapping : 7	Launch		
Class 8: Shading : 8	Launch		



Mobile Questions



Web Question View – Short Answer

Question Sets

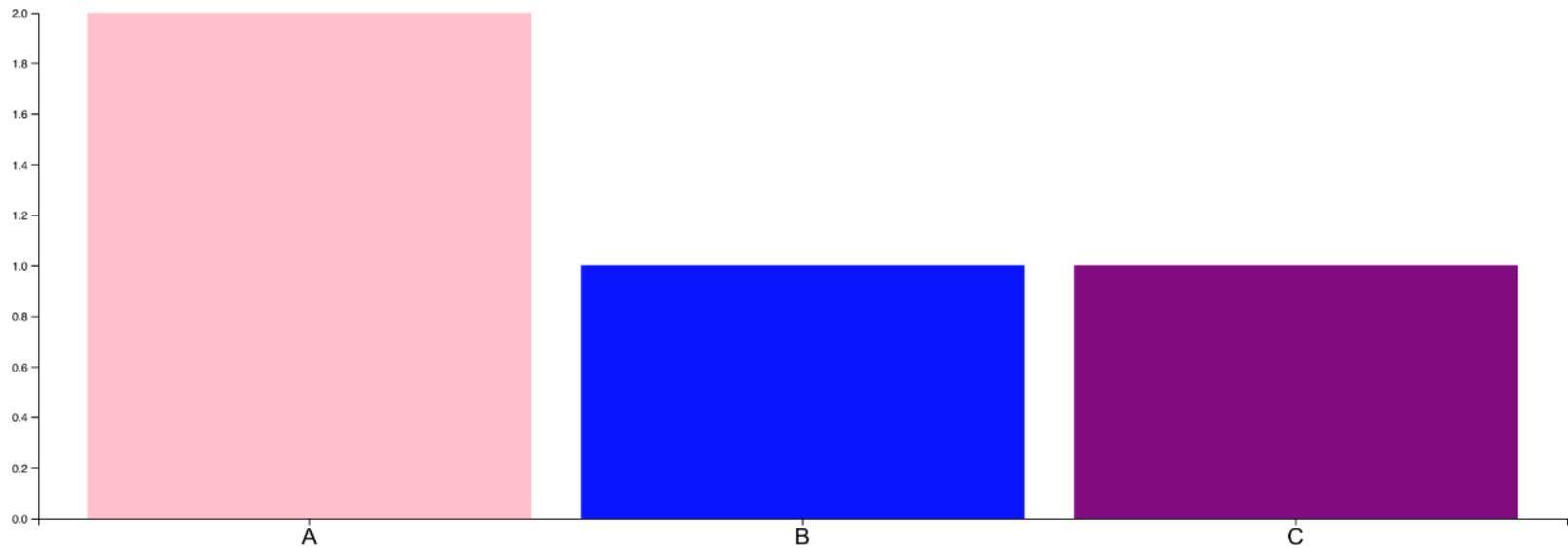
Forum

Instructor Tools

Results

Join with

Display Re



D : Ca

A : Inte

Show Correct

Close

Web Beacon Configuration

Michigan State University Signed in as Andrew [Switch user](#)

Question Set Forum Instructor Tools

Beacon Location

Beacon Signal

Add Beacon

adamsdummy	Open	
adamsdummy		
Mint	Open	
9c40b3a5dc617011e831685b7572fa07		
Dummy	Open	
123456789123456789123456987412345		
Ice	Open	
7d406f363dec079d25677dbffb577b12		

Beacon
 Session

Join Group

Manage classes:

Add Class

CSE 472

Classroom Engagement App ALPHA



Web – Short Answer

The screenshot shows a web interface for Michigan State University. At the top, there is a green navigation bar with the university name on the left and user information on the right. Below this is a secondary navigation bar with three tabs: 'Question Sets', 'Forum', and 'Instructor Tools'. The main content area features a question titled 'What are you most excited to learn about in this course?'. Above the question is a join code 'M79NWP' and a 'Generate Code' button. Below the question are 'Previous' and 'Close Question' buttons. A list of five responses is shown, each with a user icon and a text input field. The responses are: 'Matrix math and OpenGL', 'Matrix math and OpenGL', 'how to create computer graphics using physics', 'I am excited how to make 3D models for games.', and 'How to animate realistic hair physics.'

Michigan State University

Signed in as Schafer Switch user

Question Sets Forum Instructor Tools

Join with code: M79NWP [Generate Code](#)

What are you most excited to learn about in this course?

[Previous](#) [Close Question](#)

[Add response](#)

- Matrix math and OpenGL
- Matrix math and OpenGL
- how to create computer graphics using physics
- I am excited how to make 3D models for games.
- How to animate realistic hair physics.



What's left to do?

- User Interface Refinement
- Rigorous User Testing
- Project Video



Questions?

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