

**MICHIGAN STATE**  
**UNIVERSITY**

# Beta Presentation

## Money Smash Chronicle

### The Capstone Experience

Team MSUFCU

Wyatt Hillman  
Amy Leung  
Cory Madaj  
Brandon Max  
Yuming Zhang

Department of Computer Science and Engineering  
Michigan State University

Spring 2016



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

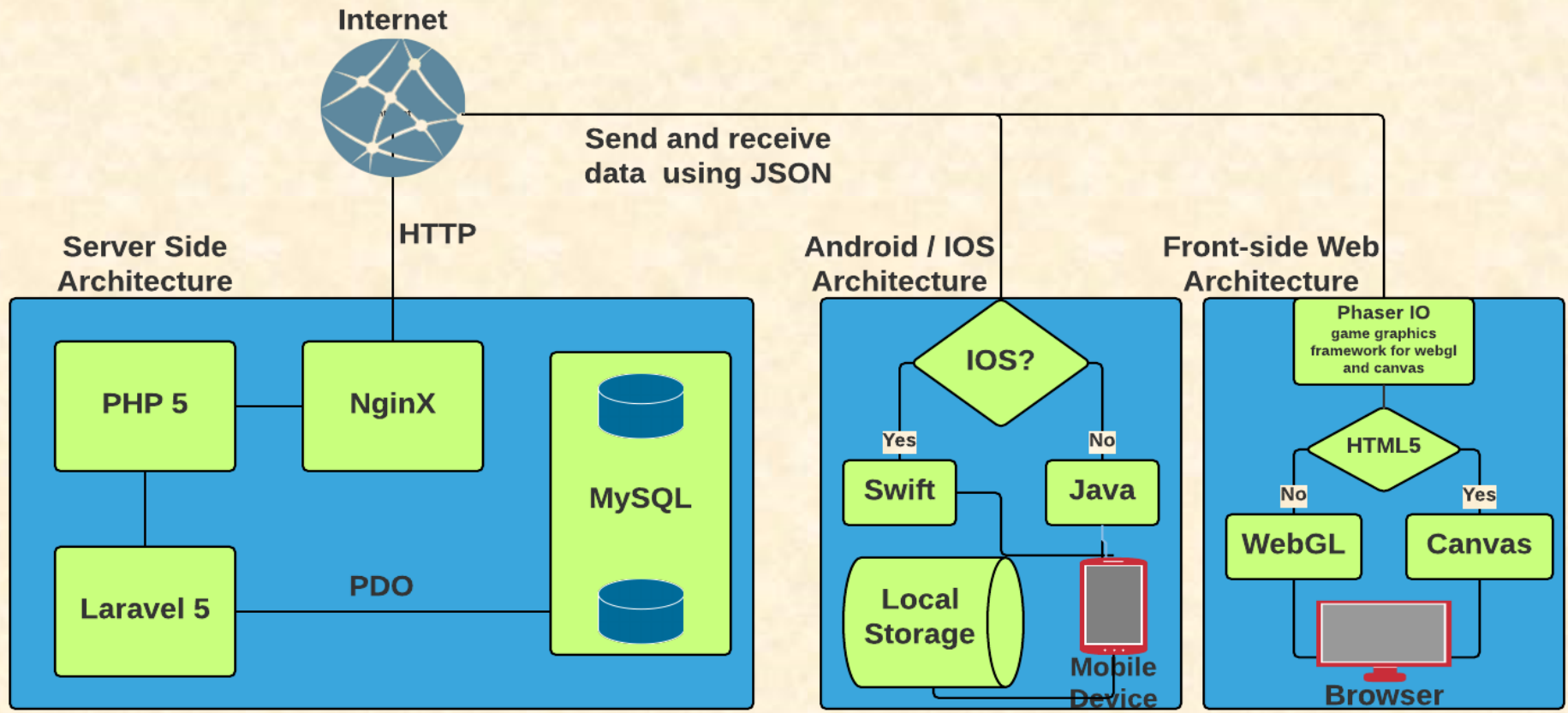
# Project Overview

---

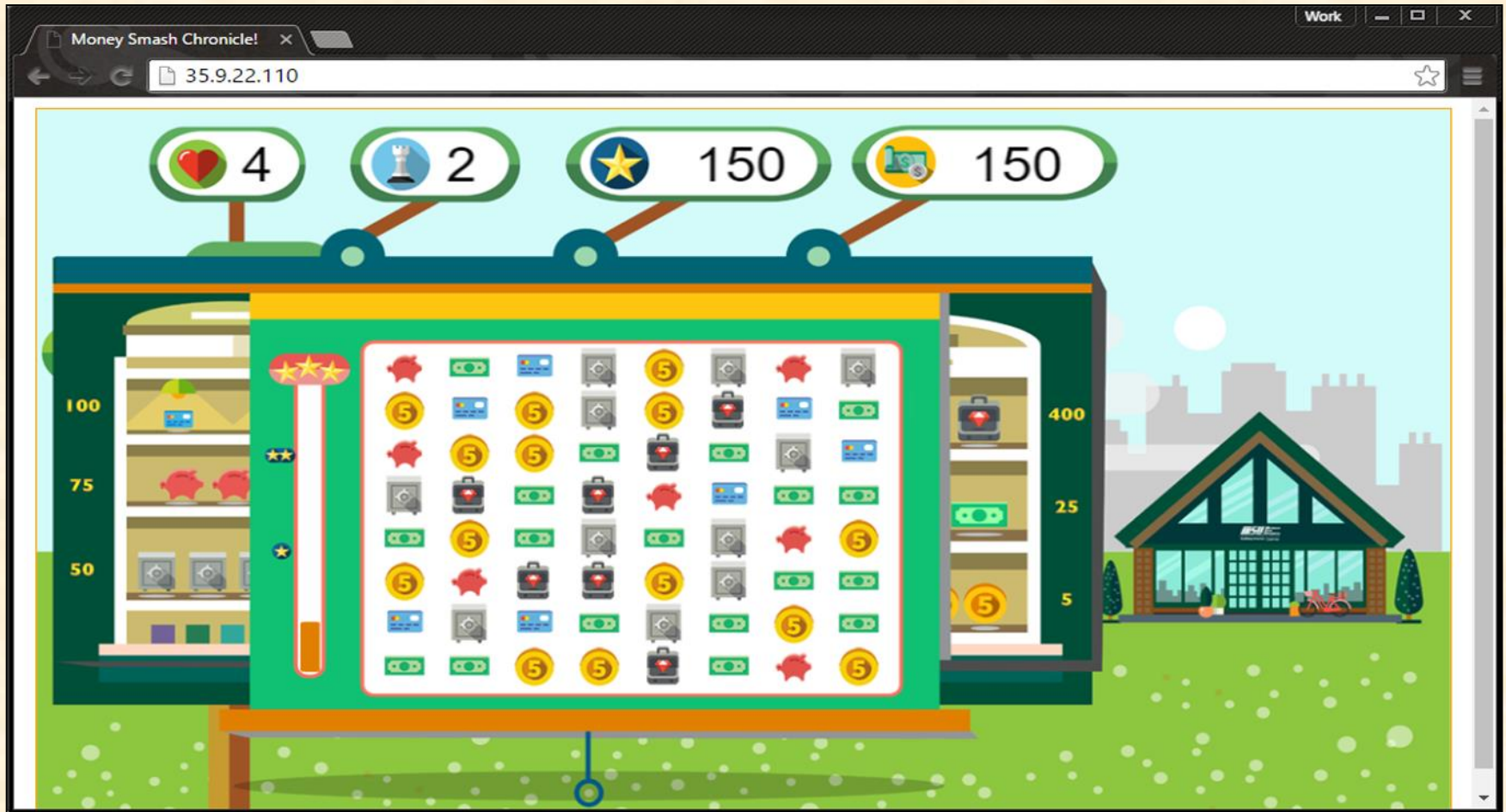
- A match-three puzzle game modeled after Candy Crush
- Educate players about financial information using finance quizzes and gameplay obstacles that represent real-life scenarios
- Appeal to a wide range of ages through gameplay that is easy to learn but difficult to master



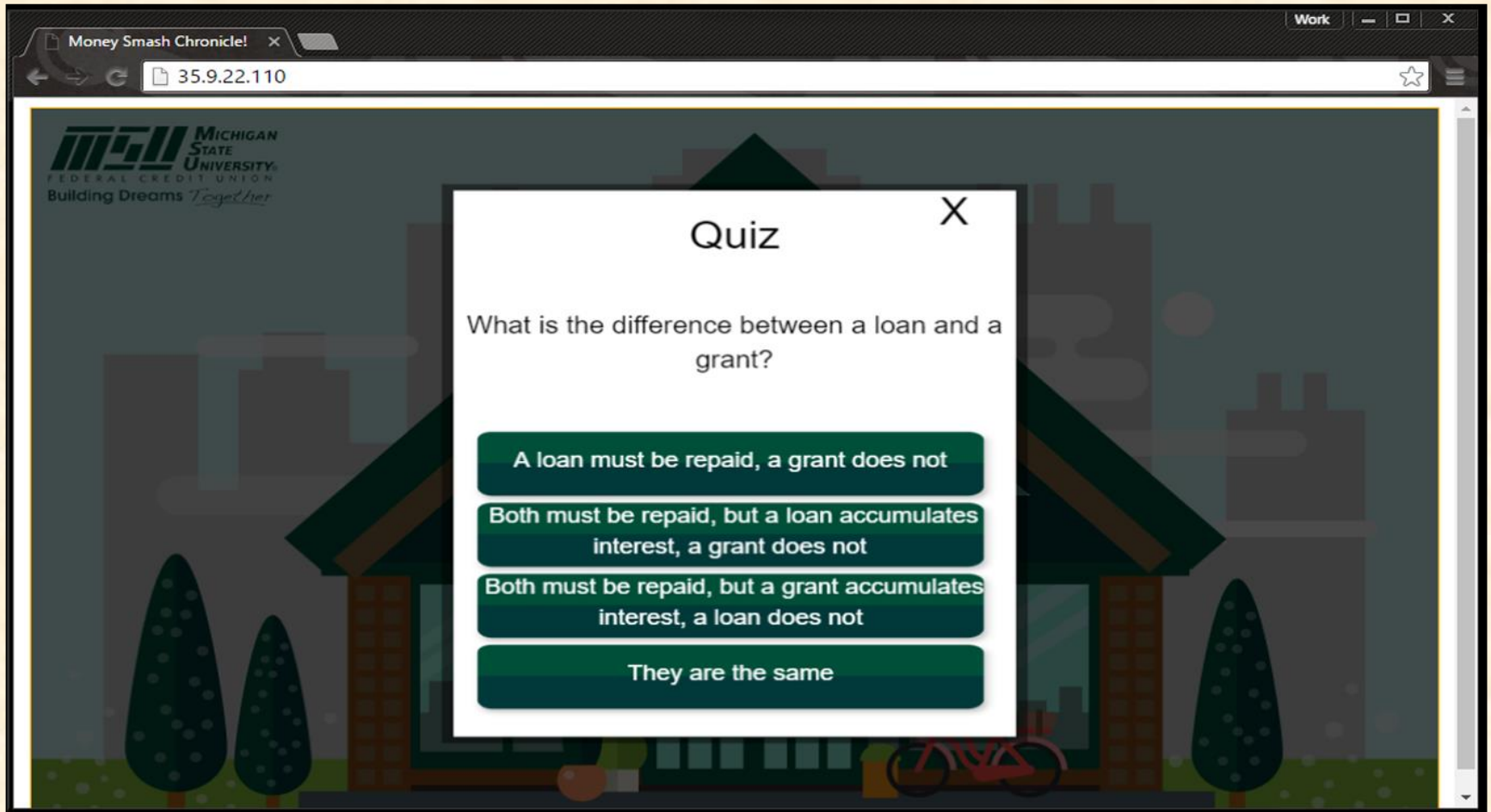
# System Architecture



# Web Application – Gameplay

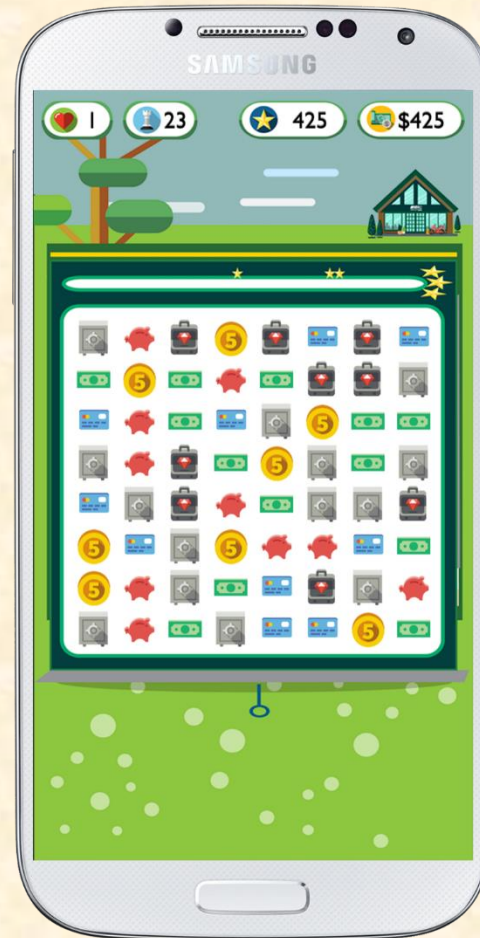


# Web Application – Quiz

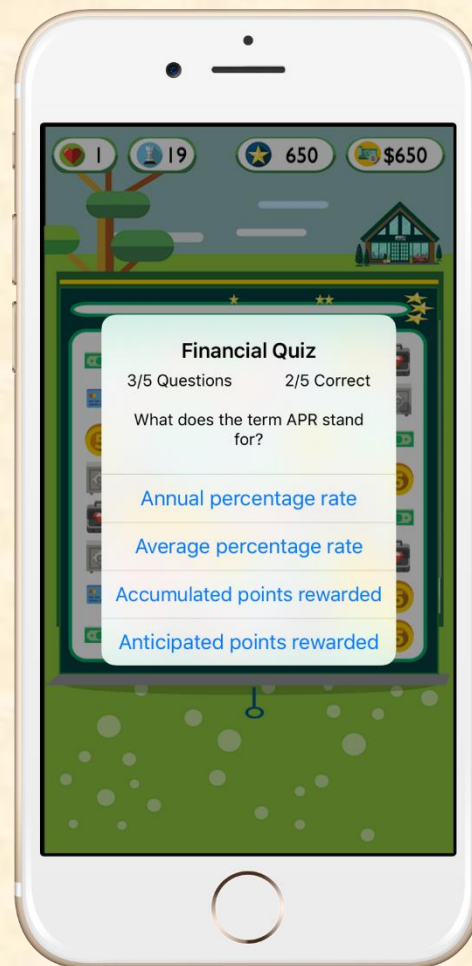




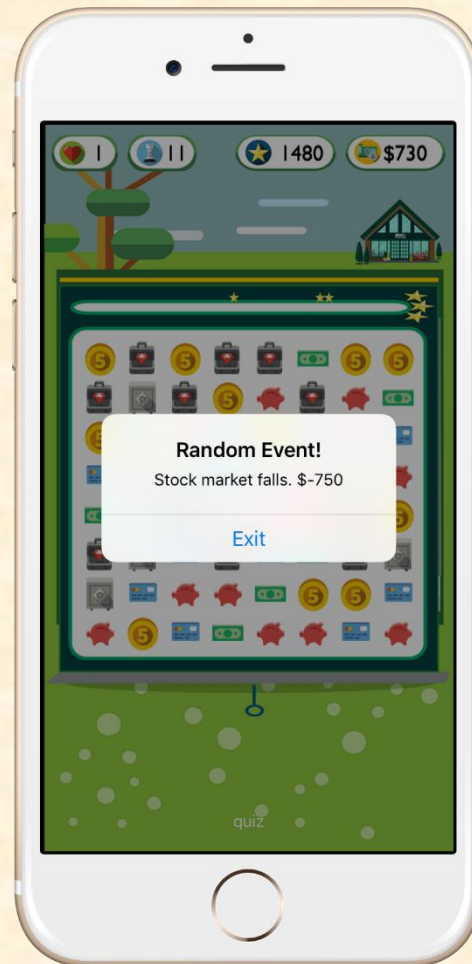
# Mobile Application – Gameplay



# Mobile Application – Quiz

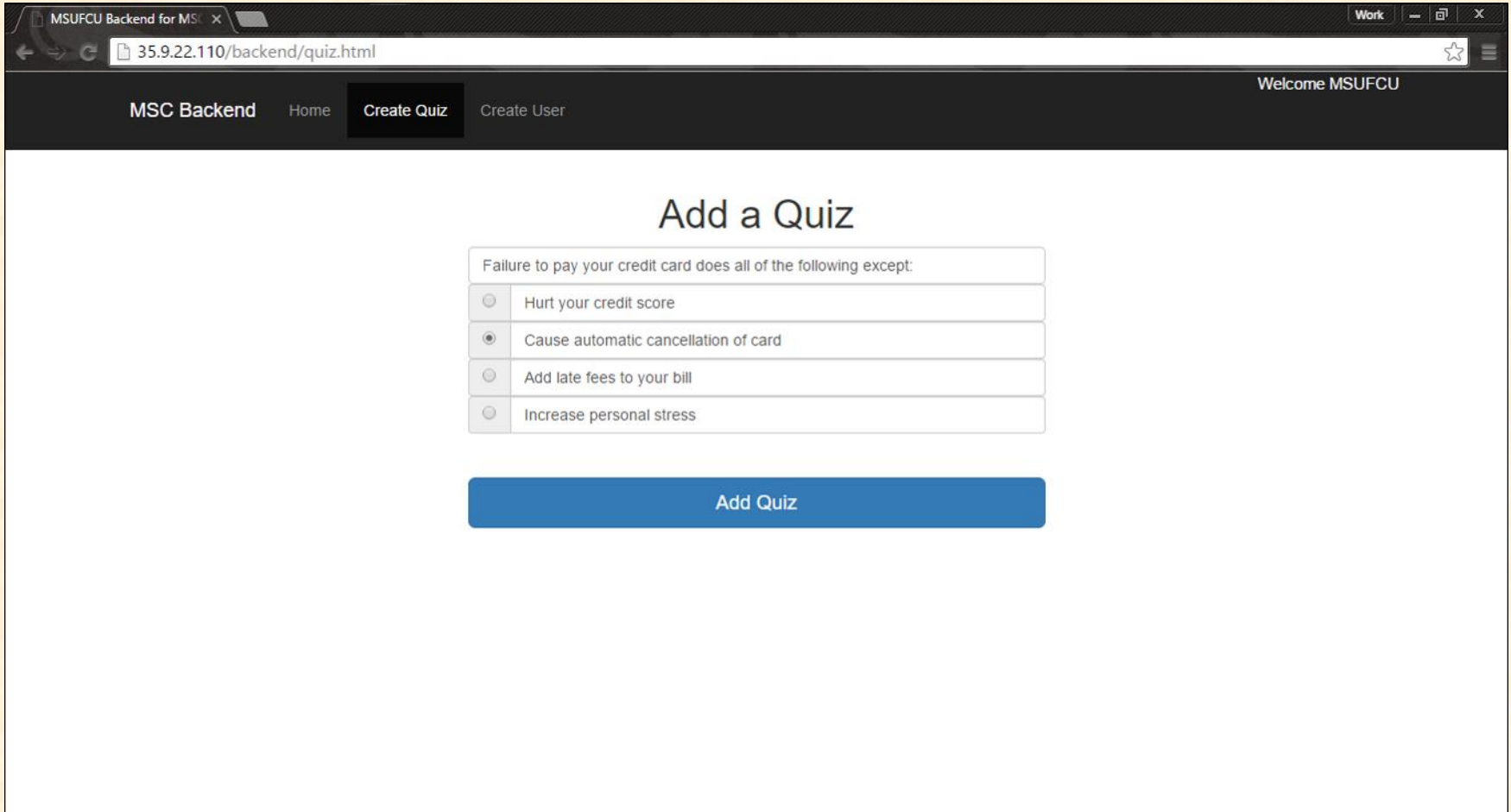


# Mobile Application – Life Event





# Administrative Backend – Adding Quiz Questions



The screenshot displays a web browser window with the address bar showing `35.9.22.110/backend/quiz.html`. The page title is "MSUFCU Backend for MSUFCU". The navigation bar includes links for "MSC Backend", "Home", "Create Quiz" (which is highlighted), and "Create User". A "Welcome MSUFCU" message is visible in the top right corner. The main content area is titled "Add a Quiz" and contains a form with the following structure:

Failure to pay your credit card does all of the following except:

- ☐ Hurt your credit score
- ☒ Cause automatic cancellation of card
- ☐ Add late fees to your bill
- ☐ Increase personal stress

At the bottom of the form is a blue button labeled "Add Quiz".

# Administrative Backend – Quiz Questions

The screenshot displays a web browser window with the address bar showing "35.9.22.110/backend/". The page title is "MSUFCU Backend for MSC". The navigation bar includes "MSC Backend", "Home", "Create Quiz", and "Create User". A "Welcome MSUFCU" message is visible in the top right corner. The main content area contains three quiz questions, each with four multiple-choice options. The correct answer for each question is highlighted in green.

**Question 1:** Failure to pay your credit card does all of the following except:

- Hurt your credit score
- Cause automatic cancellation of card
- Add late fees to your bill
- Increase personal stress

**Question 2:** The most effective way to build your credit with credit cards is to:

- Open as many credit cards as possible
- Charge every card above the credit line
- Have a single credit card that is paid in full every month
- Open a credit card account with the highest interest rate

**Question 3:** What does the term APR stand for?

- Annual percentage rate
- Average percentage rate
- Accumulated points rewarded
- Anticipated points rewarded



# What's left to do?

---

- Polish; improve aesthetics
- Version synchronization
- Playtesting and value adjustments
- More levels

