

# Quizard Quest

by Gustavo Castillo, Anthony Cloudy, Nathan Moore,  
Peter DeNicola, and Joe St. Angelo

## What is Quizard Quest

- A new way for students to make and study with flashcards.
- Utilizes the reward structure of video games to create motivation for studying.
- Uses a “spoonful of sugar” approach to create excitement and enjoyment for studying.

## Current Features

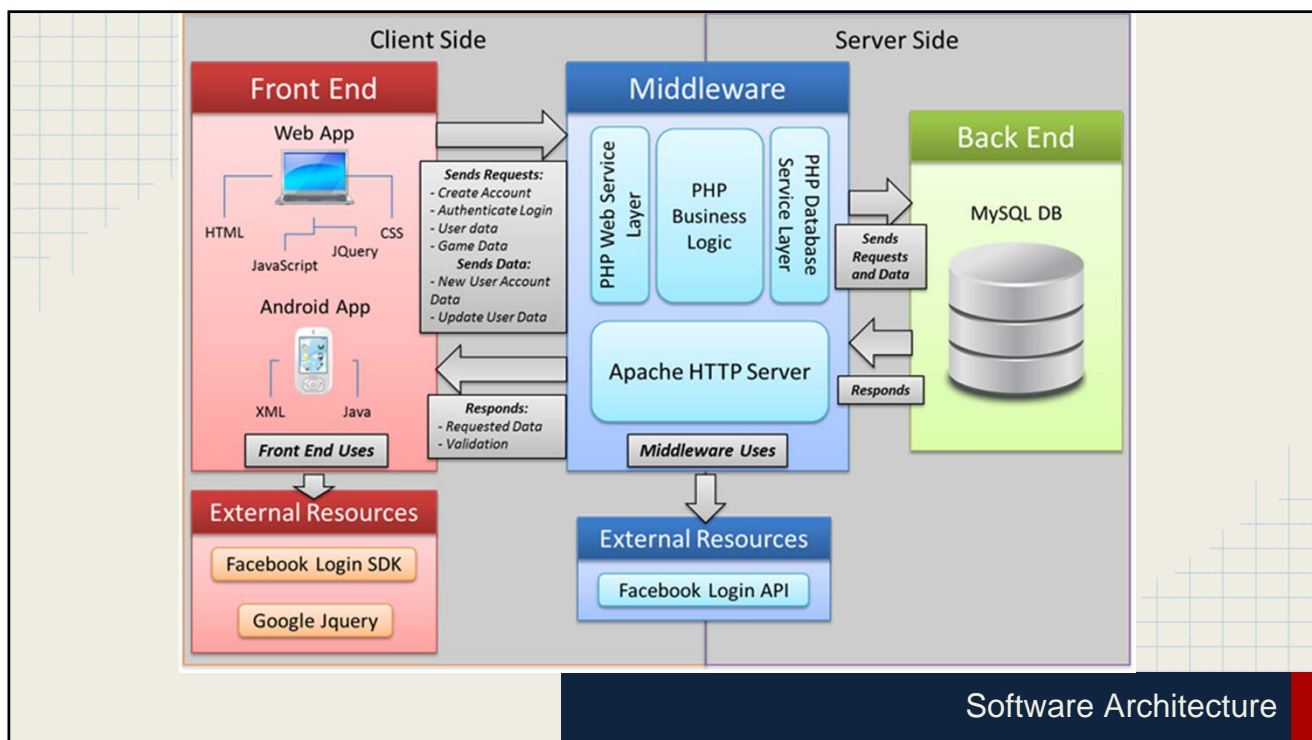
- Create a New User Account
  - Known as becoming a Quizard
- Login as a Current User
  - Or with Facebook
- View Your Game Statistics
  - Includes Gold
  - And stats per subject category

## Current Features

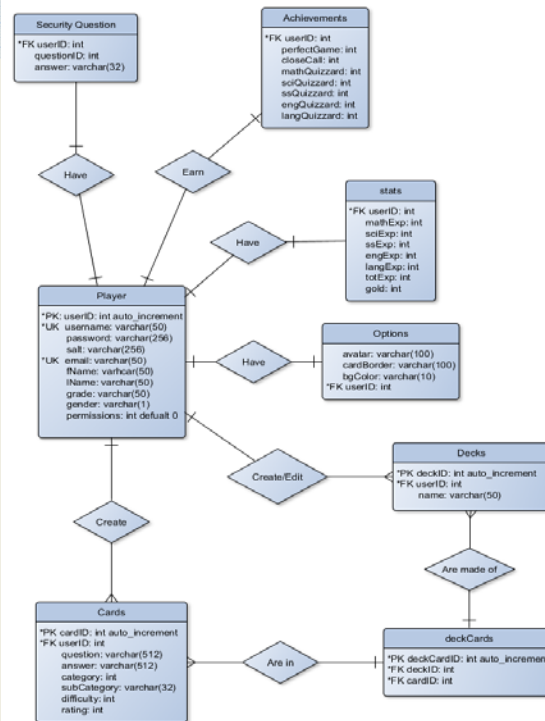
- Create and View Flashcards
  - Known as spells in game
- Create, View, and Edit Decks
  - Known as spellbooks in game
- Enter Challenges
  - You answer your flashcards
  - And battle monsters
  - And win experience and gold

# Current Features

- 3 Types of Challenges:
  - Training - slow-paced and easy
  - Quest - challenging
  - Save the World - timed and intense
- Buy New Avatars with Gold
- Logout When You Finish



Physical DB Model



Physical DB Model

# Challenges

- Dynamically Loading Data
  - AJAX
  - XMLHTTP request
- Creating our own API framework
- Designing a Functional Game
  - That works and flows with the website
  - Is easy to learn
  - And fun to play.

## Challenges: Android

- Deciding what Features to Include
  - Complements website functionality
- Building the API Support
- Debugging Android Errors
  - Illegal use of activities
  - Failure to connect to the DB

## Project Takeaways

- There's no hand-holding on real-world projects
- Debugging is most of the work
- There's no time to waste
- **It always seems impossible until it's done.**
  - Nelson Mandela

# DEMOs

with Anthony Cloudy and Peter DeNicola

## 2.0 Features

- Allow users to friend each other and share decks.
- Implement a rating system for cards and decks.
- Allow Facebook Login through the android app.

## 2.0 Features

- Allow more items and features to be bought in the store:
  - New themes for the website
  - Additional avatars
  - Different heart icons
- Add achievements to be unlocked through gameplay.

## 2.0 Features

- Let users be able to make cards and decks in the same window.
- Link the rest of the game functionality and modes to the Android Application.

# Thank You for Your Time!



## Any Questions?