1. Overview
2. Structure
3. Functionality

Overview

Quote quiz game. Two modes:

1. Basic – Quote with Author and Yes/No buttons
2. Multiple Choice – Quote with 3 Authors

Two tabs:

1. Game – play the quiz game
2. Settings – set the game mode

Structure

1. Code
   1. Controllers

* Home Controller – Game and Check Answer View handlers
* Settings Controller – Settings tab – ability to switch between game modes
  1. Models
* Answer Models
* Quote Models
* Settings Models
  1. View
* Home – Game Check Answer views
* Settings
  1. Helpers
* Util – used to full up the Game Mode dropdown in Settings tab
  1. UI
* Master page – Game window and navigation buttons
* CSS – Bootstrap
* JS – jQuery

1. Database tables
   * 1. tblAnswers

* AnswerID – INT/ PK /Auto Incremental
* QuoteID – INT / NOT NULL
* AnswerText – VARCHAR(MAX) / NOT NULL
* Correct – BIT / NOT NULL
  + 1. tblGameModes
* GameModeID – INT / PK / Auto Incremental
* Mode – VARCHAR(20) / NOT NULL
  + 1. tblQuote
* QuoteID – INT / PK / Auto Incremental
* GameMode – INT / NOT NULL
* QuoteText – VARCHAR(MAX) / NOT NULL
  + 1. tblSettings
* SettingsID – INT / PK / Auto Incremental
* Name – VARCHAR(MAX) / NOT NULL
* Value – INT / NOT NULL

Functionality

Once an answer is chosen, an AJAX request is sent to get the correct answer and compare it with the chosen one. A modal window is displayed with information whether the answer was correct or not. Next button included in the windows. On close of the window, the page is refreshed.