Code Review: 1

Reviewer: Sam Bishop

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Website Under Review: Maryland Department of Education Math, Parks, and a Game

Review Criteria:

1. Website will be coded using a bootstrap framework.
   1. All visual aspects of the website will be in a shade of gray.
   2. Homepage will feature images of math symbols, amusement parks, and prize incentives.
   3. Social media links included in the footer.
   4. Website links included in the header.
2. Website will have users.
   1. Users will be able to register on a designated page.
   2. Users will have games data saved linked to their account (see game requirements below).
   3. Users will have professional classifications contained in a tuple.
   4. Under aged users will have to be linked to guardian accounts.
3. Website will have Game:
   1. Game will reflect current common core math standards for 5th and 6th grades.
   2. Game will collect user data consisting of high score, most current score and mean score.
   3. Game will function in the manner of an electronic board game.
      1. Die is rolled.
      2. Pieces move.
      3. Question from a question bank is asked in multiple choice style.
      4. If correct piece advance, if incorrect pieces do not advance.
4. Online Ticketing:
   1. Users will be able to purchase tickets to local amusement parks through the website.
   2. Ticket discounts will be given for high academic achievement.
5. HTML, CSS, PHP, and MySQL Requirements:
   1. Code will be well documented.
   2. Code will be properly indented and easily readable.
   3. Code will be uploaded to GitHub with author’s name included.
   4. Code will be written in a modular programming style.
6. Database Requirements:
   1. Database will be MySQL.
   2. Database will have fields id: username, password, high score, mean score, and current score.