Week 14 Report

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Project Title: Magic Square Puzzle Solver
Course: CS 161 Section 01
Date: 05/12/2024

(____/4pt). Summarize the final status of your project. Mention any features of the project that cannot be finished before the target completion date (May 12th).
- Users can Login.
- Users can Sign Up.
- Users can update their profile.
- The users can play the game to solve the puzzle in such a way that the sum of the numbers in each row, column and diagonal should be the same.
- Users are provided with three different levels. Easy – which contains 3 by 3 grid with easy numbers to begin with. Medium – it contains 3 by 3 grid with higher range and difficult - which contains 4 by 4 grid.
- Users are also provided with two types of hints to solve the puzzle. Magic sum hint is used to show the magic sum to the user and partial solution is to show partial solution for the puzzle.
- If user is not able to solve the puzzle, user can choose to reveal solution which displays the correct solution to the user.
- If user solves the puzzle, his solution is validated and success message is shown to the user.
- Great Educational Tool to improve mathematical and problem solving skills.

(____/4pt) Deployed links
  http://54.242.48.248/

(__/2pt) Helps, feedbacks or suggestion from your colleagues for either individual or team projects. How and what did they help? Do their suggestions become part of your projects?
- Improving the UI and game logic
- Adding different levels and hints to the game

(____/2pt) Mention any valuable enhancements of your product that cannot be implemented this semester. What are the values or benefits of these enhancements?
- Adding more set of numbers to solve.
- Implement leaderboard section to track the progress of all the users.