Golf Course App

Classes

1. Main
   1. Runs the whole app
   2. Goes to the main menu
2. Menu
   1. Prompts user for options
      1. Start a round
      2. Look at history
      3. Look at golf courses
3. Golf course
   1. Attributes
      1. Name
      2. Number of holes
      3. Total yardage
      4. Total par score
      5. Tee boxes
      6. Slope rating
      7. Location
         1. City
         2. State
      8. Website address (for tee times)
4. Scorecard
   1. Attributes
      1. List each hole
         1. Yardage
         2. Par
         3. Top view image
         4. Stores a players score for each hole
            1. Displays their total score relative to par as they play their round

This option can be toggled on or off

1. Start Round
   1. Locate a golf course
   2. Grabs the score card
   3. Ask user for hole they are starting on
      1. Players may start on any hole depending on the situation (i.e. shotgun start outings)
2. Current Score calculator
   1. Keeps track of the current score in a round of golf
   2. Returns current score relative to par to scorecard
   3. Keeps current score for up to the holes played so far
3. Total score calculator
   1. Takes the total score from a score card and sends back to score card
   2. Also returns the score relative to par
4. Handicap calculator
5. History
6. Share