Data-533 Project Brief

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Golf Companion Package

**Objective:**

The objective of our golf companion package is to assist players during their round of golf. This will primarily involve helping players track their scores, adjusting score cards based on player handicaps, and helping choose the appropriate club for specific yardages.

**Features:**

1. Add multiple players to a round
2. Track player score for a round of golf
   1. Facilitate handicap match-play score tracking
3. Choose a club
4. Game summary
5. Add new courses or select preloaded courses

**Classes/Methods:**

1. Course
2. Game(Course)
   1. add\_player
   2. start\_game
   3. calculate\_handi\_capped\_scorecard
   4. help\_pick\_club
   5. play\_hole
   6. who\_won\_hole
   7. print\_game\_summary
3. Player

**Modules:**

The methods described in the above classes will call relevant functions defined in modules as required – based on complexity.