Project Proposal CS 546

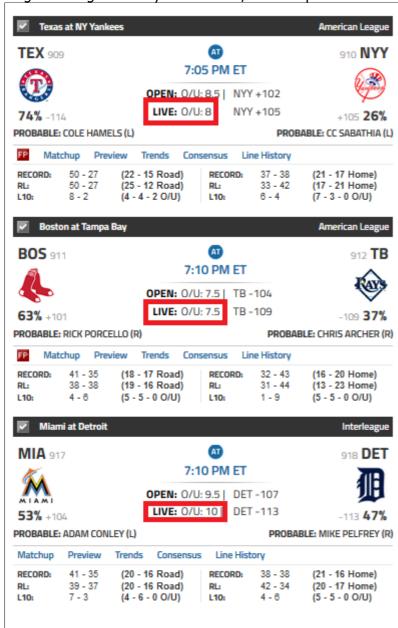
Group members: Troy Koss, Brian Kelly, Ezhilarasi Swaminathan, Philipp Hunold, Ryan Anderson

Introduction

Fantasy sports has grown into a multi-billion dollar industry. There are countless variations to the rules governing a fantasy sports league based on the venue of the league, sport it is tracking, number of individuals involved in the league, and countless customizable options dictated by the league captain. In recent years, fantasy sports has engrossed the attention of many fans. Our project introduces a new take on fantasy sports that aims to engage its users every day and every season – *Grand Salami*. In sports betting, a grand salami bet is a wager on the total runs, goals, or points scored in a certain league on a given day. **Our application will not involve real wagering.** Instead, users will make 'bets' using free points that are automatically given to them when they sign up or when their account goes below a certain level. We believe word-of-mouth marketing will drive the increase in our user base resulting in ad revenue.

Grand Salami explanation

For a given day, the Grand Salami is the total points scored in a certain league. Because it is summer, we will concentrate for now on MLB. However, a Grand Salami can be calculated for any league throughout the year. For MLB, an example Grand Salami would be:



For simplicity, let's assume today's MLB games consists of 3 games- shown to the left. The Grand Salami would be the aggregate of the live total Over/Under scores: 8+7.5+10 = **25.5**

The Over/Under line is the expected number of runs that will be scored in a given game.

The Grand Salami is the sum of all the games' Over/Under lines for the given day.

These lines are constantly fluctuating as money is wagered on the Over or Under for a given game. However, for simplicity, our application will "lock" in and "publish" the day's Grand Salami – the line that all active users will wager their points against.

Functionality

The application will engage the user on a daily basis because a new Grand Salami line will be published daily and users will be enticed to "wager" fictional point (also, the application will focus on calculating the Grand Salami and taking wagers for MLB **only**). A similar model is currently being used by ESPN's "Streak for the Cash." The features we aim to implement are as follows:

Core Functionality

- User log in system where they set up personalized profiles
- Live "wagering" form where the user may bet up to their account's available point total
- Templated dashboard "views" for the main layout when a user logs in
- User-specific wagering statistics based on historical wagers (win-loss, total point gain/loss)
- · Global leaderboard
- League leaderboard (if user belongs to one/ many leagues)
- Manually publish a given day's Grand Salami line (for the season and league in focus MLB for the summer, hockey for winter, etc.)

Extra Functionality

- Pulls live line data from a sports API and calculates the Grand Salami line. Otherwise, scrapes a website and calculates the Grand Salami.
- Real-time Grand Salami total based on total runs/goals/points scored that day
 - For instance, "At 7:35 pm EST, 35 total runs scored [Grand Salami line: 62.5]"