

CS 3716 – Fall 2016

Final Project

Submitted by:

Dido Maulana

Greg Berezny

Haris Khan

Oluwatomisin Jenrola

Saahil Budhrani

Kelwin Joanes

Group:

Group # 5

Iteration 1

We have effectively merged the architecture each of our former two groups. In this project we are going to go through a use case driven development for our software to be delivered on December 3rd.

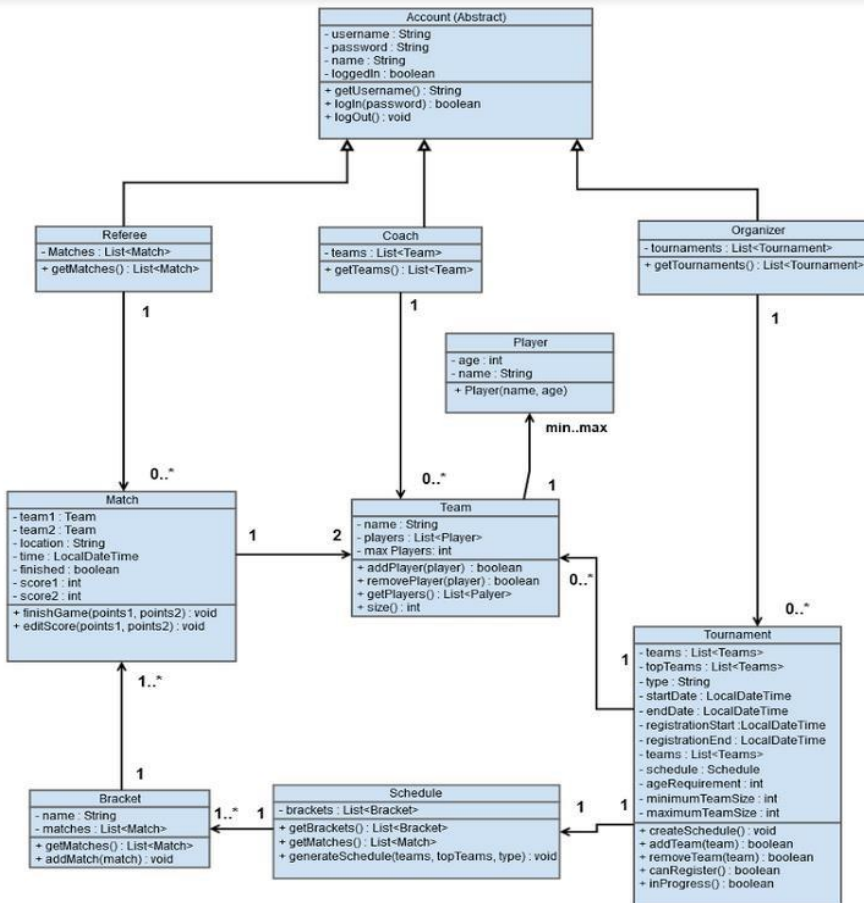
Project GitHub: <https://github.com/harisbarki/CS3716-volley-tourney>

Prioritized Use Case List:

1. Create a Tournament
2. Register a team into an existing tournament
3. Generate schedule
4. Create automated bracket
5. Modify tournament
6. Register an account for user

Our second iteration will feature use case #3, 4 and 5.

Use case 3 and 4 effectively creates a set of matches for the teams to play (depending on the format; in this case Single Elimination or Division). These set of matches will contain a time and location where you can also enter the scores.



Generate schedule/create brackets use case – completion list

NOTE: Since these 2 use cases are dependent on each other we will be effectively completing both use cases.

- Schedule must be able to generate a set of matches for all the registered teams based on format
- Date and time must not overlap for each one of the matches
- Date and time must not violate the start and end date of tournament set

Modify tournament use case – completion list

- User must be able edit all of the tournament information
- User must be able to retrieve saved tournaments
- System must validate whether modification entry is valid (same as initial data entry)