Natalia Palej A00279259

Software Development for Cloud Computing 2.1

Assignment Proposal

Volleyball Matches Scoring System

**Topic:** Volleyball Matches Scoring System

**Brief description of the main functionality:**

I would like to create a “menu screen” that will give options to:

1. Check volleyball team statistic eg. their score, number of matches played, wins/losses etc
2. Generate random tournaments between existing teams

In the statistics screen, user will be able to iterate through the volleyball teams and see their statistics one by one. As an extra funcionallity user will be able to check wins % and loss % to the number of matches they played. To iterate through the teams, user will have two buttons: next and previous

The other scren for generating tournaments will basicially create a tournament between two random teams. The user will be able to mark score points and add injury. The team that has higher score will win. User will also be able to mark the match as cancelled.

**Class:** Team

**Class Data:**

* Team country
* Team association
* Team squad number
* Number of games played
* Number of scores
* Number of wins
* Number of losses
* Number of draws
* Wins %
* Loss %
* Number of matches cancelled