Assignment 2 (World Cup 2022)

Web Component Development

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You must only tick the boxes below if that functionality has been implemented in your assignment submission. This list MUST be submitted with an Assignment Cover Sheet.

The chrome browser will be used to view your work

**Header & Footer [15 marks] [4%]**

Show consistent navigation and footer across all pages [5]

Navigationis a React component [5]

Footeris a React component [5]

**Routes [25 marks] [7%]**

localhost:3005/teams route works [5]

localhost:3005/players route works [5]

localhost:3005/today route works [5]

localhost:3005/match/{matchnumber} route works [5]

JSON responses to routes added to text component [5]

**Teams [27 marks] [7%]**

**Teams** React component:

Shows teams data in table ordered by team name [10]

Team logo shown [2]

Team data sortable by Name and Group [10]

/teams route used in a *fetch* request to retrieve data [5]

**Players [35 marks] [10%]**

**Players** React component:

Shows player data in table ordered by team name & player squad number [10]

Dropdown box team names taken from database [5]

Player team filtering works [10]

All player data fetched **once** from RESTAPI server [5]

/teams & /players routes used in a *fetch* request to retrieve data [5]

**Today [25 marks] [7%]**

**Today** React component:

Shows matches scheduled for today [5]

Correct match status (Fixture | Result | Live ) clearly shown [5]

Correct live match scores fetched & rendered every 5 seconds [10]

If no matches today, display an appropriate message to indicate this [5]

**Fixtures [12 marks] [3%]**

**Fixtures** React component:

Shows match fixtures i.e. status is *fixture* [10]

Team logos shown [2]

**Results [15 marks] [4%]**

**Results** React component:

Shows match results i.e. status is *result* [10]

Team logos shown [2]

Correct React Router Link used for match score [3]

**Match Details [25 marks] [7%]**

**Match** React component:

Show match details [5]

Show goal scorers [20]

**Standings [40 marks] [11%]**

**Standings** React component:

Shows all group standings [10]

Shows correct team points, goals, matches played, etc. from match results recorded [30]

**Login [35 marks] [10%]**

**Login** component:

Get and validate login credentials [20]

Navigation updates when logged in [10]

Navigation updates when logged out [5]

**Admin [85 marks] [23%]**

**Admin** component [15][4%]:

*Update*

Match score and status update works [15]

**EditMatch** component [30][8%]:

Correct Edit Match Details (team 1, team 2 and stadium) displayed [10]

Edit Match Details works [20]

**Scorer** component [40][11%]:

Correct Scorer Details displayed [20]

Scorer works [20]

**Misc [25 marks] [%]**

There should be no warnings or errors visible within the console tab [25]

All marks above are subject to a code review of your solution. A code review will include checks for the following:

* readability
* duplication of code
* variable naming
* code performance
* authenticity
* hard coding
* etc.

***A note on plagiarism and cheating.***

If any of the code submitted by you is deemed copied from or by someone else, it will be formally reported to the Head of School of Science and a Disciplinary Committee will be convened to deal with this issue. You do not want that to happen!

Never copy code from someone else or another source. Never give your code to someone else.

Keep your code safely in your own possession. Plagiarism and cheating are very serious academic offenses with serious consequences for your future academic studies and work opportunities. Under current guidelines all students involved in plagiarism or cheating must be reported to the Head of School where a Disciplinary Committee will deal with the issue.