

Football match season planner (دوري أندية كرة قدم)

Entities: Team, Referee

We have (n) football teams and (m) referee

Rules:

Each team should play with all other teams in first round (الذهاب / Home)

Each team should play with all other teams in second round (الاياب / Away)

Max number of matches for a SINGLE team each week is 2

A team can play one match per day

Develop a simple Laravel project that takes (n even number) and (m) as params/config and produce

A plan for the football season (جدول المباريات)

- Don't use Database
- Don't Hard code any values
- Generate teams based on n
- Use Laravel Command to print the weekly plan, so no need for any UI, just dump the results array
- Teams can be presented with T1,T2,...
- Referees can be presented with R1,R2,...
- The results should contain similar information

Week number	Team1(Home)	Team2 (Away)	Referee	Date	Round
1	Manchester	Real Madrid	R1	2022-06-01	Home
1	Chelse	Liverpool	R2	2022-06-01	Home

- Added points a one referee to each match, where a referee should not supervise more than 4 matches in total
- Calculate the min number of referees needed