* Aim – 2/3 lines
  + Our aim is the creation of an efficient, error-free, user-friendly & web-based system which manages/updates the rankings & prize money of tennis players participating in a professional tournament circuit. The system will visually present players rankings and prize money won.
* SMART Objectives (4-5) – Each one will have several activities and task to undertake it.
  + To provide user-friendly experience through front-end allowing users to update rankings, prize money and points of players concurrently.
  + To ensure all calculations in the system (rank, prize money, points) are correctly calculated & allocated with an accuracy of 100%.
  + To include data security by implementing privacy measures and error-checking procedures to prevent duplicate input entries & erroneous ratings.
  + To measure & evaluate the system through comprehensive testing after development.
  + To develop the system to be efficient with prize calculations, queries and easy to extend.
* Requirements
  + Functional (User requirements, product features)
    - Players' positions and rankings must be updated.
    - The system must evaluate prizes for each player any time.
    - The system must check for errors in inputted data (i.e., duplicate records, invalid data ...).
    - The system must identify men and women’s matches, and validate data based on that.
    - The system must take in player, prize, ranking points and match data as input from a formatted csv file and/or from form inputs.
    - The system must take in tournament data as input from a doc file and/or from form inputs.
    - Match results should be displayed.
    - The system should display player rankings after every match along with their ranking points, player positions and prize money.
    - The system should generate a list of player rankings.
    - The system should keep track of any player that gets inputted to the system.
    - The system should display tournaments' data.
    - The system should have a login function for admins only.
    - The system should allow every site visitor to view match results.
    - The system won’t allow non-logged in users to manage/update the tournament.
  + Non-Functional (Not Mandatory) (Product properties, User expectations)
    - UI that is easy to interact with and know when to type in data and when to upload a file.
    - User should be able to add tournaments, seasons and locations.
    - Store player data safely.
    - Be able to work with similar data in the future.
    - The system should function at the same speed with bigger tournaments.
    - Easy to port to other systems and environments.
    - The source code and design are easy to read and maintain.
    - The system will not store unnecessary data .

**Traceability Matrix**