Assignment 1

members of the group:

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**players:**

**Requirement number 1**

A player would be able to register and login to the system and use his ID

and password to log in to his account.

User story:

As a player, I want to register and login to the system using my ID

and password to log in to my account.

Tasks:

1. Create a login/registration menu, if the user select registration we will ask the him if he is an player or manager.
2. Create a friendly registration page according to the type of user with full name, ID number, Email, phone number and city.
3. Create an intuitive login menu with fields for users to enter their ID and password.
4. Implement the back-end logic to authenticate users during login, ensuring the correct ID and password combination.

**Requirement number 2**

A Player would be able to schedule and cancel a game from a given set of dates and times.

User story:

As a player, I want to select specific date and time, to make my schedule more organized.

Tasks:

1. Given that I have successfully scheduled a game, when I view my schedule, then the newly scheduled game should be displayed at the selected date and time.
2. Given that I have a game scheduled, then I should be able to see the list of my scheduled games, and have the option to cancel a specific game.
3. Given that I am attempting to schedule a game, when selecting a date and time, then the system should validate that the chosen slot is available, and notify me if there is a scheduling conflict

**Requirement number 3**

A Player would be able to look for a field in a specific city and a specific type of game.

User story:

As a player, I want to be able to filter the field search, in order to make the search process easier.

Tasks:

1. When a player initiates a field search, the system should provide an option to filter fields according to a specific city. the player should be able to select a city from a drop down menu or enter the name of the city.
2. When a player initiates a field search, the system should provide the possibility to filter fields according to a certain type of game (for example, football, basketball), the player should be able to select the desired game type from a drop-down menu or radio buttons.
3. When a player performs a filtered search, the system should display the search results clearly, and display relevant information for each field (eg, name, location, types of available games).

**Requirement number 4**

As part of the registration process the player will have to fill in personal details for his profile and will be able to edit it later (at least 5 fields).

User story:

As a player, I have to add personal details, Because I want to register.

As a player, I can edit my personal details later, to keep the details relevant.

​Tasks:

1. When a player initiates the registration process, the system should present a registration form requesting at least 5 personal details (name, gender, birthdate, contact information, preferred fields).
2. After successful registration, the system should provide an option for the player to edit their personal details.
3. After editing personal details, the system should provide a "Save Changes" option. clicking on this option should save the modifications made to the player's profile.
4. Input validation to ensure the accuracy and integrity of the provided details.

**Requirement number 5**

A Player would be able to view a list of his scheduled games.

User story:

As a player, I want to be able to view my scheduled games ,In order to arrange my schedule as I wish.

​Tasks:

**Requirement number 6**

A user will be able to see the history of the games or the determination of the pitches. In order for him to be able to follow his training statistics or the frequency of his training and extract information from them as he wishes.

User story:

​Tasks:

**Fields managers:**

**Requirement number 1**

A Field manager would be able to register and login to the system and use his ID and password to log in to his account.

User story: I want to register and login to the system using my ID

and password to log in to my account.

​Tasks:

1. Create a login/registration menu, if the user select registration we will ask the him if he is an player or manager.
2. Create a friendly registration page according to the type of user with full name, ID number, Email, phone number and city.
3. Create an intuitive login menu with fields for users to enter their ID and password.
4. Implement the back-end logic to authenticate users during login, ensuring the correct ID and password combination.

**Requirement number 2**

A Field manager would be able to view all the scheduled games to a given date or given field.

User story: As a manager I want to be able to manage my and fields in the best way as possible.

As an manager I can sort the pitches and the number of games in them according to availability and pitch type in chronological order.

​Tasks:

**Requirement number 3**

A Field manager would be able to mark dates as “unavailable” so players will not be able to schedule games on those dates.

User story: As an manager I can block lots within a defined time frame.

​ ​Tasks:

**Requirement number 4**

A Field manager will be able to add and delete fields.

User story: As an manager I want to edit my fields list

Tasks:

1. Create a menu where the user will choose which action he wants to perform (adding/deleting).
2. Create a data structure that will store and secure each fields data.
3. For each field, we will require the manager to enter details about the field

**Requirement number 5**

A Field manager would be able to edit his profile, the profile must contain 5 fields. (the following fields are mandatory: name, gender, birthdate. You are able to choose the other two)

User story: As a Field Manager, I want to have the ability to edit my profile information ensuring that my details are up-to-date and accurate.

Tasks: