

USE CASE TABLES

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| Name | US_01 – Player Signs Up |
| Summary | Player signs up after choosing to register as a player |
| Actor | Player |
| Description | Player gains access to his account after entering the credentials in the sign up interface. |
| Pre Condition | Player must enter an email and a password. |
| Alternative | If the player already has an account, he can log in. |
| Post Condition | Player can book a playground. |

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| Name | US_02 – Owner, Manager and Employee sign up. |
| Summary | Owner, Manager and Employee can sign up after specifying their position whether they are a business or a player, in this case they must register as a business account. |
| Actor | Owner, Manager, Employee |
| Description | Owner, Manager and Employee sign up by specifying their position, then they can take more actions. |
| Pre Condition | Must register as a business account and provide business documents. |
| Alternative | If the business has not provided a valid document,, the system should allow a last option to be re-uplaoad the required documents. |
| Post Condition | Owner, Manager and Employee are signed up. |

| US_03 – User Logs in | |
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| Name | |
| Summary | A user can log in as business or player. Depends on the account type they are registered. |
| Actor | Owner, Manager, Employee, Player |
| Description | User can only view the main interface and to take actions like booking, reporting a problem, saving a center etc., he needs to log in. |
| Pre Condition | User logs in using username/email and password. |
| Alternative | If the username/.email is wrong then the user must repeat the steps. |
| Post Condition | User is logged in successfully. |

| US__04 – View Profile | |
|-----------------------|---|
| Name | |
| Summary | All of the users have their profile on the system. |
| Actor | Owner, Manager, Employee, Player |
| Description | Each user has its own “My profile” on the system and can make changes on its account like: changing the profile picture, changing its position, change/remove payment data, delete account etc. |
| Pre Condition | Must be logged in. |
| Alternative | If the user choses not only to view its profile, but to update his data he must provide valid data about the payment. |
| Post Condition | User has viewed or updated his data. |

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| Name | US__05 – Change Password |
| Summary | All users can change the password of their account. |
| Actor | Owner, Manager, Employee, Player |
| Description | Every user that is registered previously on the system is able to change its password. |
| Pre Condition | Must be registered previously. When changing the password, the user must enter the Old Password of its account and click “Save Changes”. |
| Alternative | <p>If the old password is correct and typed correctly in both fields, then the user is alerted : “ Password was changed successfully”.</p> <p>If the Old Password is typed wrong or the new password isn’t the same In both fields, then the user is alerted: “Password was not changed. Please try again!”.</p> |
| Post Condition | The user has changed its password. |

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| Name | US_06 – Allow user to be Owner |
| Summary | User requests to be Owner. |
| Actor | Manager, Employee, Player |
| Description | Users of type: Manager, Employee or Player are allowed to request the Admin to become an Owner. |
| Pre Condition | Must be registered as a Manager, Employee or Player in order to make the request to the Admin. |
| Alternative | If the user doesn't fulfill the criteria to become an Owner, user is alerted: "Your account doesn't fulfill the criteria to become an Owner. Please provide a valid document. |
| Post Condition | User becomes an Owner. |

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| Name | US_07 – Allow user to be Manager |
| Summary | User requests the Admin to become a Manager. |
| Actor | Owner, Employee, Player |
| Description | Users of type: Owner, Employee or Player are allowed to request the Admin to become a Manager. |
| Pre Condition | Must be registered as a Owner, Employee or Player in order to make the request to the Admin. |
| Alternative | If the user doesn't fulfill the criteria to become a Manager, user is alerted: "Your account doesn't fulfill the criteria to become an Manager. Please provide a valid document. |
| Post Condition | User becomes a Manger. |

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| Name | US_08 – Allow user to be Employee |
| Summary | User requests the Admin to become an Employee. |
| Actor | Owner, Manager, Player |
| Description | Users of type: Owner, Manager or Player are allowed to request the Admin to become an Employee. |
| Pre Condition | Must be registered as an Owner, Manager or Player in order to make the request to the Admin. |
| Alternative | If the user doesn't fulfill the criteria to become an Employee, user is alerted: "Your account doesn't fulfill the criteria to become an Employee. Please provide a valid document. |
| Post Condition | User becomes an Employee. |

| Name | US_09 – View centers as Player |
|----------------|--|
| Summary | Player logs in and is able to view all the sport centers that offer different sport activities. |
| Actor | Player |
| Description | The player must be logged in. The “Our Centers” interface is displayed to the player. Then the player is able to see what the system offers, the facilities and other activities. |
| Pre Condition | After logging in, the main interface is displayed to the player. The player should click “Our Centers” interface from the toolbar. An interface with different sport centers is displayed to the player. |
| Alternative | No alternatives. |
| Post Condition | The player chose to view centers or click and view more information about that center. |

| Name | US_10 – Search a center |
|----------------|---|
| Summary | Player can search a sport center. |
| Actor | Player |
| Description | Player can search for its preferred sport center in the city by searching it at the “Our Centers” interface. |
| Pre Condition | Must be logged in. |
| Alternative | If the Sport Center the Player is searching doesn’t exist, an alert is displayed: “The sport center you are searching doesn’t exist”. |
| Post Condition | Preferred sport center is displayed. |

| Name | US_11 – Search a Field Type |
|----------------|---|
| Summary | Player is able to search for a playground inside the chosen center. |
| Actor | Player |
| Description | After the player has chosen the preferred sport center to play activities, the player can search for a field type that fulfills its requirements. |
| Pre Condition | Must have chosen a center. |
| Alternative | No alternatives. |
| Post Condition | The playground and its characteristic is displayed to the player. |

| Name | US_12 – Filter Search |
|----------------|--|
| Summary | Player can put filters while searching for facilities provided by the system. |
| Actor | Player |
| Description | If the player want to have a specific search, he can put a filter and the required information will be displayed on the screen. The filtering includes: location, number of players, price, sport type, date/hour available. |
| Pre Condition | Must have selected Search Bar/Toolbar. |
| Alternative | It is not a must. The user choses whether or not to apply the filter search. If the information requested by the user does not exist, an alert will pop up saying: “The requested information does not exist”. |
| Post Condition | The information will be displayed on the screen. |

| Name | US_13– Manage Reservation |
|----------------|---|
| Summary | The reservation can be done by the player or the manager. |
| Actor | Player, Manager |
| Description | The reservation process can be done by the player, but there are some cases when the manager can reserve manually for the player. |
| Pre Condition | The player must have an account. |
| Alternative | No alternatives. |
| Post Condition | The reservation is done successfully. |

| Name | US_14 – Manage Center |
|----------------|--|
| Summary | The center is managed by the Manager. |
| Actor | Manager, Owner, Admin |
| Description | A center is managed by the manager, meanwhile an Owner can add, delete, change a Center. |
| Pre Condition | The user must have a business account. |
| Alternative | No alternatives. |
| Post Condition | The center is managed in a secure way. |

| US_15 – Manage Manager | |
|------------------------|---|
| Name | |
| Summary | The manager is managed by the Admin or Owner. |
| Actor | Admin, Owner |
| Description | Manager can add photo, video, events that follow the guidelines of the system. |
| Pre Condition | The manager can view the list of active reservations. |
| Alternative | If the player cannot make the reservation by himself, the manager makes the reservation manually. |
| Post Condition | After viewing one player completed reservations, the manager can offer a discount. |

| US_16 – Manage Employee | |
|-------------------------|---|
| Name | |
| Summary | Owner manages an Employee. |
| Actor | Owner |
| Description | Owner may add an Employee to a specific center, may view an Employee's profile. Owner may edit at which Center an Employee works and may also delete the Employee when the Employee doesn't work anymore for that center. |
| Pre Condition | Owner can view the information of the system, make changes or add new employees. |
| Alternative | No alternatives. |
| Post Condition | The employee is able to view the list of active reservations and can offer discount to the player. |

| Name | US_17 – Manage Field |
|----------------|---|
| Summary | A field is managed by the Owner or/and the Manager of the center. |
| Actor | Owner, Manger |
| Description | Owner and Manager may add a field to a cenger, may view/update field's data. Also they may edit a Field's Data when the physical fields doesnt't exist anymore. |
| Pre Condition | The user must have a business account like Owner or Manager in order to change data on the system. |
| Alternative | No alternative. |
| Post Condition | The data about the fields information on the system is updated. |

| Name | US_18 – View centers as owner |
|----------------|---|
| Summary | Owner of the center must be logged in, in order to view centers. |
| Actor | Owner |
| Description | Owner is able to view all the data of the sport's centers registered in the system and can make changes when needed. |
| Pre Condition | Must be logged in. |
| Alternative | If the owner thinks is reasonable to make changes about the centers, then he can choose to update, change, read, view data etc. |
| Post Condition | |

| Name US_19 – Fields List | |
|--------------------------|---|
| Summary | The fields list is managed by the Owner and the Manager of the center. |
| Actor | Owner, Manager |
| Description | The fields list can be viewed by the player and is displayed to the player after he searches for different fields at “Our Centers” interface. |
| Pre Condition | Must search the fields in order to show the list of the fields with their information. |
| Alternative | No alternative. |
| Post Condition | The list of fields is displayed on the screen. |

| Name US_20 – Active reservations list | |
|---------------------------------------|---|
| Summary | Active reservations can be only seen by the Business accounts and not by the Player. |
| Actor | Owner, Manager, Employee |
| Description | Owner, Manager, and Employees view a list of all the completed reservations made by Players, Owner, or Manager. |
| Pre Condition | The active reservations list must be hidden for the player. |
| Alternative | No alternatives. |
| Post Condition | The active reservations list is displayed to the screen. |

| Name | US_21 – Completed reservations list |
|-----------------------|--|
| Summary | The business accounts can view a list of all the reservations made by the player. |
| Actor | Owner, Manager, Employee |
| Description | When a player has completed a specific number of reservations, the Manager offers discount for the player. |
| Pre Condition | The player must have a specific number of completed reservations in the past. |
| Alternative | If the player hasn't completed a specific number of reservations, no discount is offered. |
| Post Condition | Discount is offered. |

| Name | US_22 – Players reservation list |
|----------------|--|
| Summary | Owner, Manager, and Employees may view a list of all the completed reservations made by each Player. |
| Actor | Owner, Manager, Employee |
| Description | Every player can take actions on the systems like: access to “My Profile”, Like/Save/Comment/Review/Report action, can make reservations through payment with a credit card. The player can reserve a field of a specific sport center, ask for equipment, verify free schedule etc. |
| Pre Condition | The player must provide and make the reservations with a valid credit card. |
| Alternative | The player can cancel the reservation and can get a refund only if the cancellation happens within a free cancellation period. |
| Post Condition | Owner, Manager and Employee can view a list of all the reservations made by the player. |

| Name | US_23 – User Logs Out |
|----------------|--|
| Summary | All of the users are able to log out. |
| Actor | Owner, Manager, Employee, Player |
| Description | After taking the preferred actions on the system every user can choose to log out. |
| Pre Condition | Must have an account. |
| Alternative | It's the users choice if he wants to log out or not. |
| Post Condition | The user is logged out. |