

# Inventory Management - Artifact 3

This artifact contains general information about the interface, the sitemap, three storyboards and a list of all the views of the web application made for the Inventory Management project. The main goal of this artifact was to plan the user interface of the web application to develop and help identify and describe the user requirements.

## Interface

Our user interface was developed in the form of a set of webpages, using the latest standards: HTML, CSS and JS.



Picture 1: Mockup of the web application's design.

We've designed the interface in a way that it can adapt to the window size (liquid design), without breaking the consistence of the design and providing all the necessary information for each task in the lowest amount of pages possible to reduce the need to change views and load a new page frequently, enhancing user experience.

All the pages (with the exception of admin pages) are connected through a navigation system, complemented with a navigation bar for all the main views. That way the user can easily navigate through the website and access all the functionalities he needs.

The first two mockups on the image above illustrate an example of this. After searching for sports complexes, the user will have a list of all the sports complexes that match the criteria he selected (Point 1), he can then choose to change/refine that criteria without going back to the previous page using the filters provided (Point 2). He will then be able to navigate to a specific complex that he finds interesting (Point 3), or change to one of the main views via the navigation bar provided in every page (Point 4). The last mockup illustrates the home page the user sees when entering the web application, where he will be able to search for a sport complex according to the data inserted in the displayed form. He can also go directly to a sports complex's page present in the suggestions tab in the bottom of the home page.

## Sitemap

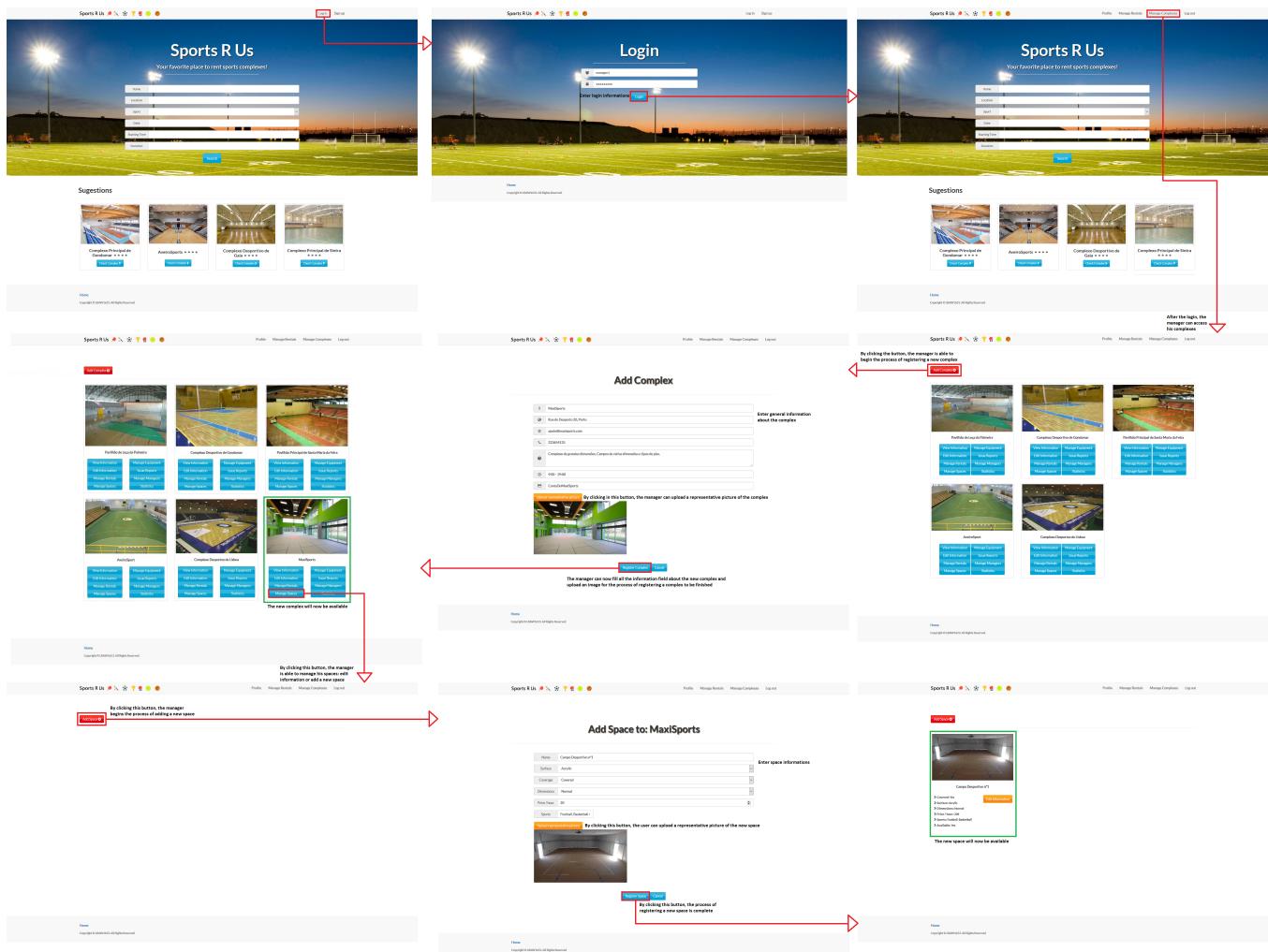
The sitemap is a visual representation of the relationship between the different pages of a website that shows how all the information is organized. This way, the team can have an overview of how the site will be developed, helping to understand the hierarchy of the information.



Picture 2: Sitemap.

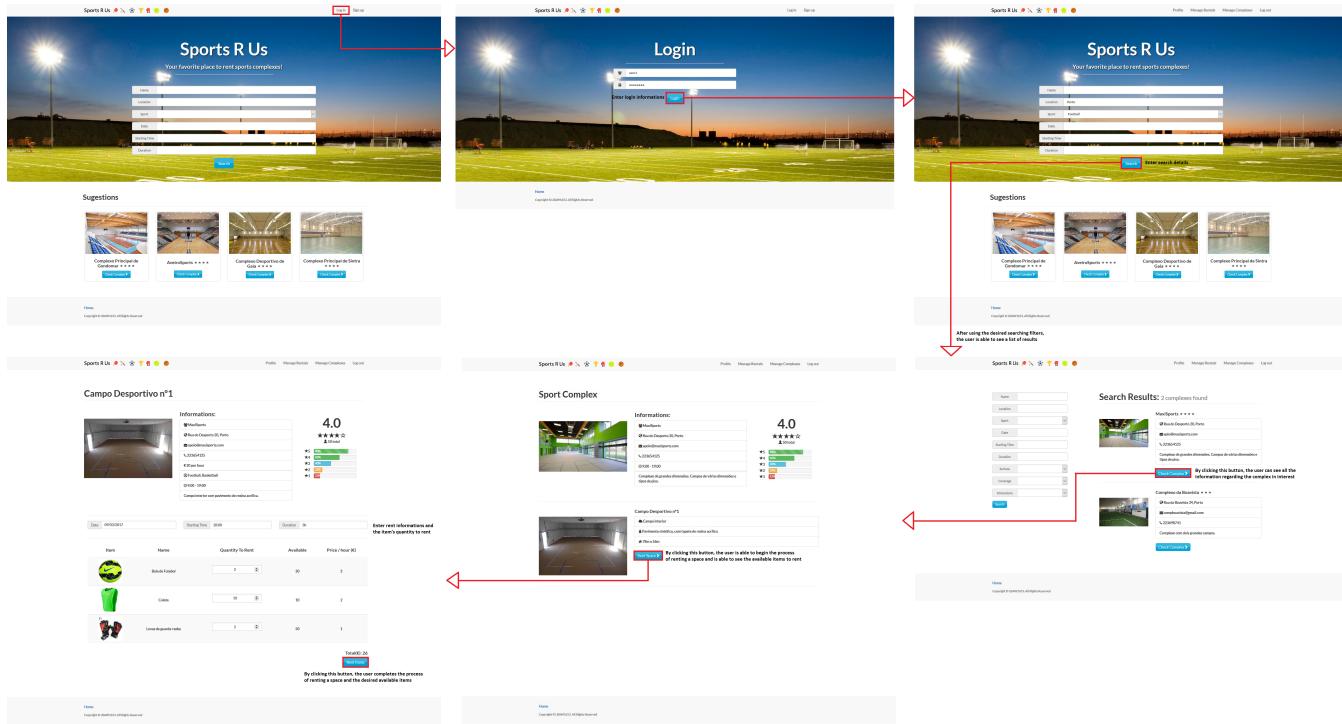
# Storyboards

## Storyboard for the creation of a sports complex and for adding a new space



Picture 3: Storyboard for the creation of a sports complex and for adding a new space.

## Storyboard for renting a space



Picture 4: Storyboard for renting a space.

## Views

### UI01 Home Page

The home page is the entry point to the website, here the user can log in, sign up or start searching complexes right away with the provided filters. If the user is already logged in, he can also use the navigation bar that is common to every page (except the admin ones) in the website and see other information.



Picture 5 and 6: Home page. (as a unregistered user)



Picture 7 and 8: Home page. (as a registered user)

### UI02 Login

The login page is where the user can authenticate himself using his credentials.



Picture 9 and 10: Log in page.

## UI03 Sign Up

The sign up page is where the unregistered user can register himself on the system, providing the necessary information, so that he can later log in and have registered user privileges.



Picture 11 and 12: [Sign up page](#).

## UI04 Search Results

The search results page shows a list of the sports complexes that meet the criteria specified by the user in the home page. This criteria can be changed/refined without needing to leave the page using the filters provided. There is also a link to every showed sports complex (if any) so that the user can navigate to a specific sports complex page.



Picture 13 and 14: [Search results page](#).

## UI05 Sport Complex Page

The sports complex page shows information about a specific sports complex, including a detailed information about the respective rating. Here the user can view the spaces the complex has to offer and press rent space to navigate to that specific space page.



Picture 15 and 16: [Sport complex page](#).

## UI06 Space Page

The space page is where the user can rent the space, it shows the information about the space and has an interface for him to select what equipments the user wishes to rent with the space. After he's done with the selection, the registered user can choose to press rent items and be redirected to the payment.



Picture 17 and 18: [Space page](#).

## UI07 User Profile

The user profile page is where the user can review and edit the information he shares. He can edit any information, including the picture and also change the password.



Picture 19 and 20: [User profile page](#).

## UI08 Manage Rentals

The manage rentals page is where the user can manage his rentals. Here he can check the state of his rentals/reservations, cancel a reservation (within the valid period of time), rate the complex or report an issue.



Picture 21 and 22: [Manage rentals page](#).

## UI09 Manage Complexes

The manage complexes page is the main view for the manager to manage his complexes. It's where the manager can add a new complex, or navigate to a management view of a specific complex. The management views he can navigate to are:

- View Information
- Edit Information
- Manage Rentals (Manager)
- Manage Spaces
- Manage Equipment
- Issues Management
- Manage Managers
- Statistics



Picture 23 and 24: [Manage complexes page](#).

## UI10 Add Complex

The add complex page is where the registered user can register a new sports complex by providing the necessary information to do so.



Picture 25 and 26: [Add complex page.](#)

## UI11 Edit Complex

The edit complex page is where the manager can edit the information of a specific sports complex he owns.



Picture 27 and 28: [Edit complex page.](#)

## UI12 Manage Rentals (Manager)

The manage rentals (Manager) page is where the manager can track the rentals done in a specific sports complex he owns. He also has the power to cancel reservations (within the valid period of time).



Picture 29 and 30: [Manage rentals manager page.](#)

## UI13 Manage Spaces

The manage spaces page, is where the manager can review and edit the information shared about a specific sports complex he owns. He can also navigate to the add space view.



Picture 31 and 32: [Manage spaces page.](#)

## UI14 Add Space

The add space page, is where the manager can add a space to a specific sports complex he owns, by providing the necessary information to do so.



Picture 33 and 34: [Add space page.](#)

## UI15 Manage Equipment

The manage equipment page, is where the manager can manage the equipment of a specific sports complex he owns. Here he can change the stock, add details and set the equipment as unavailable. He can also choose to add a new type of equipment or to remove an existing one.



Picture 35 and 36: [Manage equipment page](#).

## UI16 Issues Management

The issues management page, is where a manager can view all the issues associated with a specific sports complex he owns. Here he can add a new issue himself or remove an existing one.



Picture 37 and 38: [Issues management page](#).

## UI17 Complex Managers

The complex managers page, is where a managers can add or remove other managers from a specific sports complex he owns.



Picture 39 and 40: [Complex managers page](#).

## UI18 Statistics

The statistics page, is where a manager can view the statistics provided by the system, about a specific sports complex he owns.



Picture 41 and 42: [Statistics page](#).

## UI19 Login (Admin)

The login (Admin) page, is where an admin can authenticate himself in the system and have admin privileges.



Picture 43 and 44: [Admin login page](#).

## UI20 Manage Users (Admin)

The manage users (Admin) page, is where the admin can view and manage the website's registered users. Here he can choose to block users.



Picture 45 and 46: [Manage users admin page](#).

## UI21 Manage Complexes (Admin)

The manage complexes (Admin) page, is where the admin can view and manage the website's registered sports complexes. Here he can choose to delete complexes.



Picture 47 and 48: [Manage complexes admin page](#).

## UI22 Manage Rentals (Admin)

The manage rentals (Admin) page, is where the admin can view and manage the website's rentals. Here he can interact with reservations by changing their state to suspended or concluded, removing them and/or viewing any associated issues.



Picture 49 and 50: [Manage rentals admin page](#).

## UI23 Statistics (Admin)

The statistics (Admin) page, is where the admin can view the statistics provided by the system about the website.



Picture 51 and 52: [Statistics admin page](#).

## Revision history

Date	Description
2017/03/15	- Changed the layout of the views pictures. - Changed the storyboards' topics. - Changed mockups.
2017/04/05	- Added UI identifiers

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