

Assignment 2

Team 21

SEBA Master - Web Application Engineering

Summer Term 2021

Use Case: Search for Events

Once a player logs into our platform he/she will be greeted with our Event Search page. The event search page can also be accessed through the search option on the sidebar. The page consists of three main elements: the search bar on the top, a selection of filters to the left and a list of events as results below the search bar.

Players can search for events by typing keywords in the search bar, and upon clicking (or pressing enter) the search button, a list of matching events will be generated. By default, events closest to the present date, and nearest to the player's location will be displayed (this can be overridden through filters).

The page also gives players the opportunity to filter the generated results through the use of five types of filters. The player can enter a location where he/she would like to play. A specific sport type can be entered, to limit events of that sport type only (football, basketball, table tennis, etc.). If the player wishes to play at only a specific date and time, there are specific filters to enable that, where a date and time can be entered. The player can also specify the range of entry fee that he/she would like the events to take.

Players will see each of the results in its own card, showing the event's location, date, time, the number of players already registered for that event and the entry fee of that event.

The screenshot shows the SportSeek Event Search page. At the top, there is an Address Bar. Below it, the SportSeek Logo is on the left, and a user profile 'John Doe' with a dropdown arrow is on the right. A search bar is located below the logo. On the left side, there is a 'Filters' sidebar with the following options: Location (with a location pin icon and a text input), Sport Type (with a person icon and a dropdown menu), Date (with a calendar icon and a text input), Time (with a clock icon and a text input), and Entry Fee (with a Euro symbol icon and a range slider). The main content area displays a grid of event cards. Each card contains an 'Event Image', 'Location', 'Date', 'Time', a person icon representing the number of players, and a Euro symbol representing the entry fee. There are four cards visible in the grid, arranged in two rows and two columns. The bottom of each card shows a double dot icon, indicating more options or details.

Use Case: Register for Events

The user learns more details about the event of their liking by heading to the event page where information about the arena can be read. The choice to click and view other events at the same location is available to the user. Furthermore, necessary facts like the entry fee to participate in the event can be learned. They can also see the number of players already registered and are interested which allows the user to make the decision to click on the 'Participate' button or the 'Interested' button.

Clicking the 'Interested' button does not require payment. They can decide to register later from the dashboard. In case the event gets cancelled, the equivalent credits will be put in the player's wallet. The credits can be redeemed later for future events.

If the user clicks on the 'Participate' button, he/she has to enter the required payment information and confirm the registration. A successful registration will result in a "Thank You" page with confirmation of their payment which the player can see.

Address bar	
SportSeek Logo	
John Doe	
Image of Arena	
<div>Event Title</div> <div>Name of Arena, Location</div> <div>Arena and Event description</div> <div>Date of Event, Time of Event</div> <div>Players Registered: 2</div> <div>Players Interested: 2</div> <div>Entry Fee: €</div> <div>Redeem Credits</div> <div>Participate €</div> <div>Interested</div> <div>Credits Received if Event Cancelled:</div>	<div>Map of Arena</div> <div>Contact info of Arena</div> <div>Payment methods</div> <div>View other Events in Arena</div>

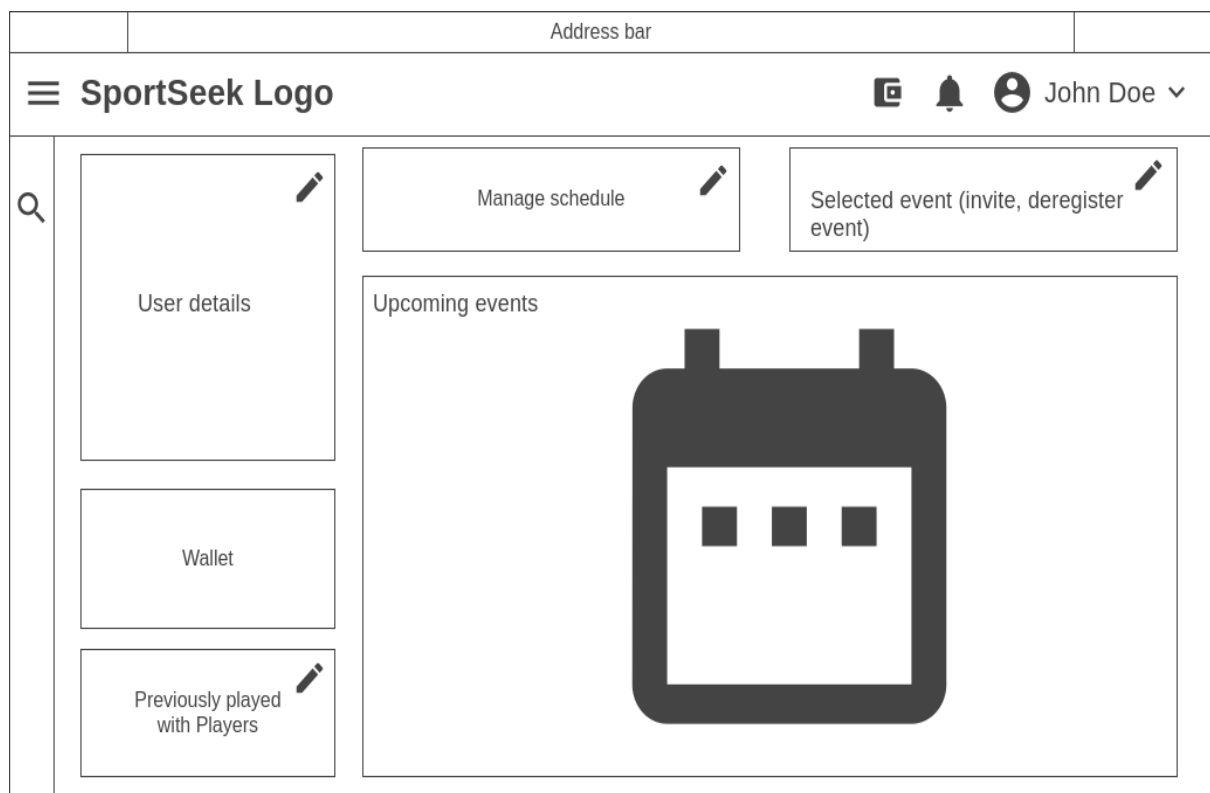
Use Case: Manage Player Dashboard

This element will give the player the opportunity to carry out multiple actions. The player will have a calendar view containing his or her upcoming registered and interested sports events. In that, the player can see the events and if he wants he can select an event from the calendar and deregister from it.

Moreover, there will be a list of players that the player has played with before. So, if he wants he can send an event invitation to a player from that list to an event he has already registered in. Also, if he wants he can modify the list of previously played with. So if he doesn't want to play with someone he can remove him/her from the list.

Additionally, the player can update his schedule. Suppose a user will not be available for play for a month, he can update his calendar informing about his unavailability. So when another user tries to send him an invitation, he will be informed that the preferred player is not available. So he will have a fast response.

Besides these, The player can update his details such as email, telephone number, password, address etc.



Use Case: Create Event

The user who is operating on behalf of the arena will see this page when logged in using the arena account. The user will see the list of events that are already created for his arena in separate cards. The user will be able to create new events, update or delete events from the same page.

Clicking on the 'Create Event' button will open up a dialog which will show the fields for creating the event. He will fill out the relevant information for the event such as title, sport type, description etc. He can choose the date and time from date and time pickers relatively. After filling out all the information he can create the event using the create button. The same modal will be used for updating an event with prefilled values.

The user could access the Update functionalities from the event card's more button.

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Sports Seek Logo

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Arena Account ▾

Create Event

Play Soccer @ Soccer arena


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Soccer Arena

Sport Type: Football

Event Description

May 23, 2021 (15.00 - 17.00)

Participants : 6 

Entry fee : 5 €

Minimum participants : 4 people

Maximum participants : 8 people


Create Event

Event Title


Sport Type


Event Description

Event Date



Event Duration





Entry fee

Minimum participants

Maximum participants

Create

Cancel

Conceptual Data Model

