

Requirements for 'Browsing the facilities'.				
Customers will be able to view all the available facilities using the following options to filter the selection:				
<ul style="list-style-type: none"><li>* None - shows all facilities;</li><li>* Outdoor/Indoor;</li><li>* Sport - selected from a pull-down list;</li><li>* Date - using a standard calendar;</li><li>* Time - selected from a pull-down list.</li></ul>				
Each facility shown will include colour-coded information on availability (not available, already booked, and available for booking) and the time slots.				

Checklist				
#	Summary	Expected Result	Status	Comment
Work with filter				
1	Default settings in the filter	The 'None' option is selected by default.	Not Run	<a href="#">need to clarify</a>
2	Filters should be applied immediately after selecting any filter option.	Filters should be applied as soon as an option is selected.	Not Run	<a href="#">need to clarify</a>
3	No facilities matches were found for the set filters	The text message "No results" is displayed if there are no matches.	Not Run	
4	Select multiple filters	The filtering functionality should support combining multiple filters.	Not Run	<a href="#">need to clarify</a>
The 'None' option				
5	Select the 'None' filter	All facilities are displayed (both available and unavailable).	Not Run	<a href="#">need to clarify</a>
6	Select the 'None' option with another filter option	It is impossible to choose from other options.	Not Run	<a href="#">need to clarify</a>
The 'Outdoor/Indoor' option				
7	Select the 'Outdoor/Indoor' option	Display all facilities that contain these options <b>or only both of them (?)</b>	Not Run	<a href="#">need to clarify</a>
8	Unselect the 'Outdoor/Indoor' option	The option is unselected.	Not Run	
9	Select the 'Outdoor/Indoor' option and any other filter	All selected filters will be applied to the facilities	Not Run	

Questions to the requirements (Q)		
#	Question	Describe
(Q) Filter options		
1	Should the default filter settings be set?	Should any filters be preselected when the page is opened (e.g., 'None')?
2	Are filter settings applied immediately or via a button, such as Apply or Submit?	
3	Can the user select multiple filters at once?	What if the 'None' option is selected along with any other option?
(Q) The 'None' option		
4	Does the 'None' option work to reset all previously selected filters?	The requirements do not clearly describe how the filter option should be implemented.
5	There is a contradiction between the task and the filter 'None'.	<i>Contradiction in requirements.</i> The main task is to display <b>available</b> facilities using filters, but selecting the <b>'None' option</b> <del>shows all times, including those not available for</del>
(Q) The 'Outdoor/Indoor' option		
6	The Outdoor/Indoor filtering option is not atomic.	<i>The requirement violates properties such as atomicity and uniqueness.</i> These are two not the same option, but combined into one. Perhaps it makes sense to rename the filter type to <i>'Location type'</i> and add checkboxes with the names 'Outdoor' and 'Indoor'. In the current view, the expected result for this filter is not clear.

The 'Sport' option				
10	Select the 'Sport' option	Displays a pull-down list of sports <b>types</b> .	Not Run	<a href="#">need to clarify</a>
11	The pull-down list has placeholder	Example, 'Select sport'.	Not Run	
12	Find the name of the sport using the search field	Pull down doesn't have the search field	Not Run	<a href="#">need to clarify</a>
13	Scroll through sports list with a large number of types.	The drop-down options in the list load quickly, without any delays, even when the amount of data is large	Not Run	
14	Select multiple sports	The user can select multiple type os sports.	Not Run	<a href="#">need to clarify</a>
15	Remove selected option from filter	The filter has no 'Sports' option selected	Not Run	<a href="#">need to clarify</a>
16	Work this filter with others	All filters should be applied correctly.	Not Run	
The 'Date' option				
17	Click the 'Date' option	Display a <b>standard</b> data picker	Not Run	<a href="#">need to clarify</a>
18	Select the current date	Current day, month, and year are selected.	Not Run	
19	Select a future date (next day, week, etc.)	The future date is selected	Not Run	
20	Select the past date	User cannot check the past dates	Not Run	
21	Manually enter a date	User cannot manually enter a date.	Not Run	<a href="#">need to clarify</a>
22	Select a date range	User can select a range of dates.	Not Run	<a href="#">need to clarify</a>
23	Change selected date	Date changes to new selection date	Not Run	
24	Reset selected date	The selected date is reset.	Not Run	
25	Clean selected date	No date is selected in the filter.	Not Run	<a href="#">need to clarify</a>
26	Combine with other filters	Facilities should be filtered by all selected options.	Not Run	

(Q) The 'Sport' option		
7	How the drop-down menu should be implemented in the 'Sport' option?	For example, realize the search field in the drop-down (if the list of sport types will be long).?
8	What sports should be available in the sport filter list?	Full list needed or fetched dynamically? Should there be an "All" or default sport?
9	Can the user choose several sports?	For example, choose 'Football' and 'Golf' sports.
10	Is there a feature to clear the selection in this filter? What should it look like?	e.g. 'X' near with selected option
(Q) The 'Date' option		
11	What is mean the 'standard' calendar?	<i>The requirement is not clear and very ambiguous.</i> More details about the appearance of this calendar are needed. How should the data-picker be implemented? Should we use a template or create it ourselves? Can the user write the date in the calendar or not?
12	Can the user check the date range in calendar?	For example, a user wants to rent a room for the weekend.
13	Is there a feature to clear the selection in this filter? What should it look like?	e.g. 'Clean ' button

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The 'Time' option				
27	Select the 'Time' option	Display a pull-down list with the time slots.	Not Run	<a href="#">need to clarify</a>
28	Select one time slot from the pull-down list	One time slot is selected and filters facilities.	Not Run	<a href="#">need to clarify</a>
29	Select multiple time slots from the pull-down list	Multiple time slots can be selected.	Not Run	<a href="#">need to clarify</a>
30	Clean selected time slot	The time slot is removed from the filter.	Not Run	<a href="#">need to clarify</a>
31	Combine time filter with others	Facilities filtered by all selected filters.	Not Run	
Additional requirements				
32	Each facility has a status color	Status colors should correspond to specific availability states.	Not Run	<a href="#">need to clarify</a>
33	Colors do not overlap text	Text is readable with status colors.	Not Run	<a href="#">need to clarify</a>
34	Every facilities have time slot	The facilities card displays time slots.	Not Run	
35	Time slot is clickable	Clickable for available time slots.	Not Run	<a href="#">need to clarify</a>
36	Time slots should not overlap with other elements	The layout should not break with time slot placements.	Not Run	
37	Show the time slot for facilities when no available time periods	Time slots are non-clickable if no available periods.	Not Run	<a href="#">need to clarify</a>
38	Show time slots for all available periods	Time slot displayed for available periods only.	Not Run	<a href="#">need to clarify</a>
39	Show the time slot for facility when some of time periods are booked	The time slot is only displayed for available booking periods. Already booked time periods are not displayed.	Not Run	<a href="#">need to clarify</a>

(Q) The 'Time' option		
14	What time intervals should be available for booking?	- What time intervals will be displayed in the drop-down list?
15	How will displayed selected time slot in filters	e.g. like a tag
16	Can the user select multiple time slots in the time filter?	For research purposes, this will be useful to the user.
17	Is there a feature to clear the selection in this filter? What should it look like?	e.g. 'Reset' button
(Q) Additional requirements		
18	What colors represent each facility status?	<i>The requirement is not clear and complete.</i> Need to get information about what hex color code corresponds to each status.
19	Where status colors should implemented?	How should color be displayed? How to implement this on an object card? (For example, as a tag, on the facility image, etc.)
20	Where is the time slot located? How the time slot should be implemented into the facility card?	<i>The requirement is not clear and complete.</i> Need to get information about the implementation. Please note that in this requirement there is a possibility that this feature may break the layout or reveal bugs when adapting to different screens.
21	What should happen when time slot is not available?	Should it be disabled, hidden, or show tooltip message?
22	Should the facility card display all time slots?	Show only available slots or also booked ones?
23	Should booked time slots be displayed visually?	And how are they marked (e.g., grayed out, crossed, etc.)?