



The new management tool

Hubbl, a gym bookings manager

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1. Implementation and results

1.1 Results

There are some views that did not fit in the screen, therefore two images have been made. Furthermore, most of the create and update actions are performed inside a modal or a dialog. Instead of adding two screenshots with the same content, only with small text changed, only the create dialog has been attached. Furthermore, the zoom applied is of 90%, allowing more content to be displayed in the screenshot.

1.1.1 Core application

In order to reduce the amount of screenshots that are added, the screenshots have been made when a user is logged as an owner. A worker's is nearly as the worker's one, just with some actions not allowed, depending on their permissions.

1.1.1.1 Authentication

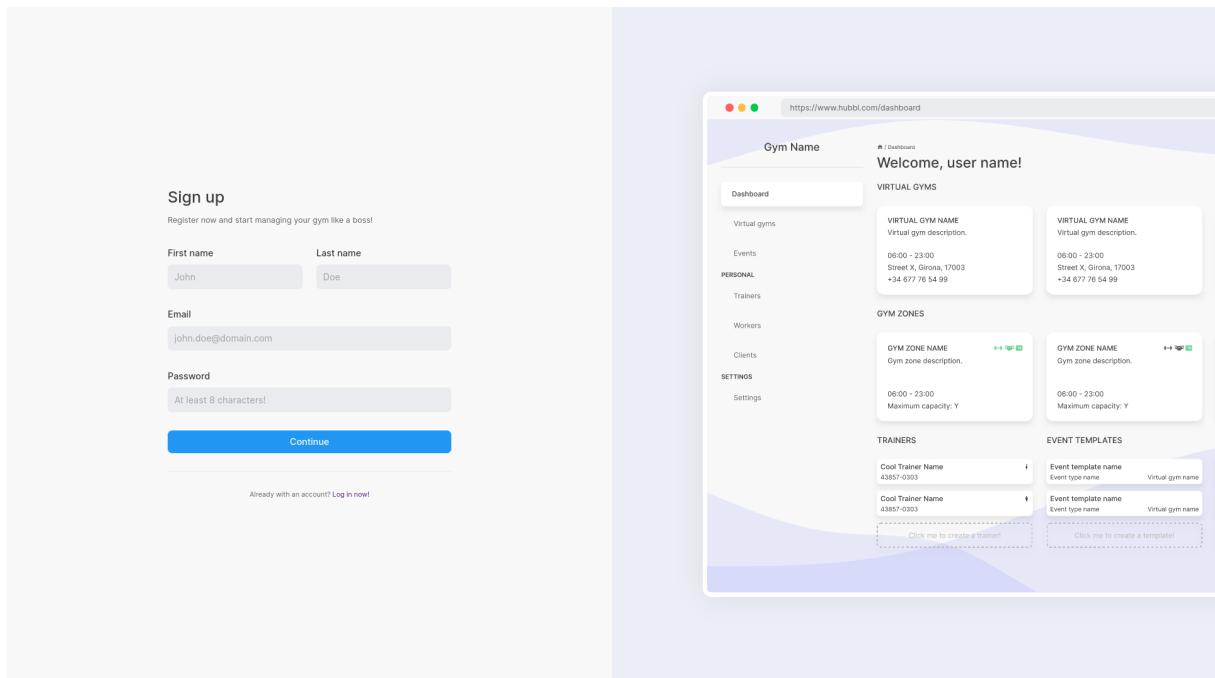


Figure 1.1: Step one of the sign up process

1.1. Results

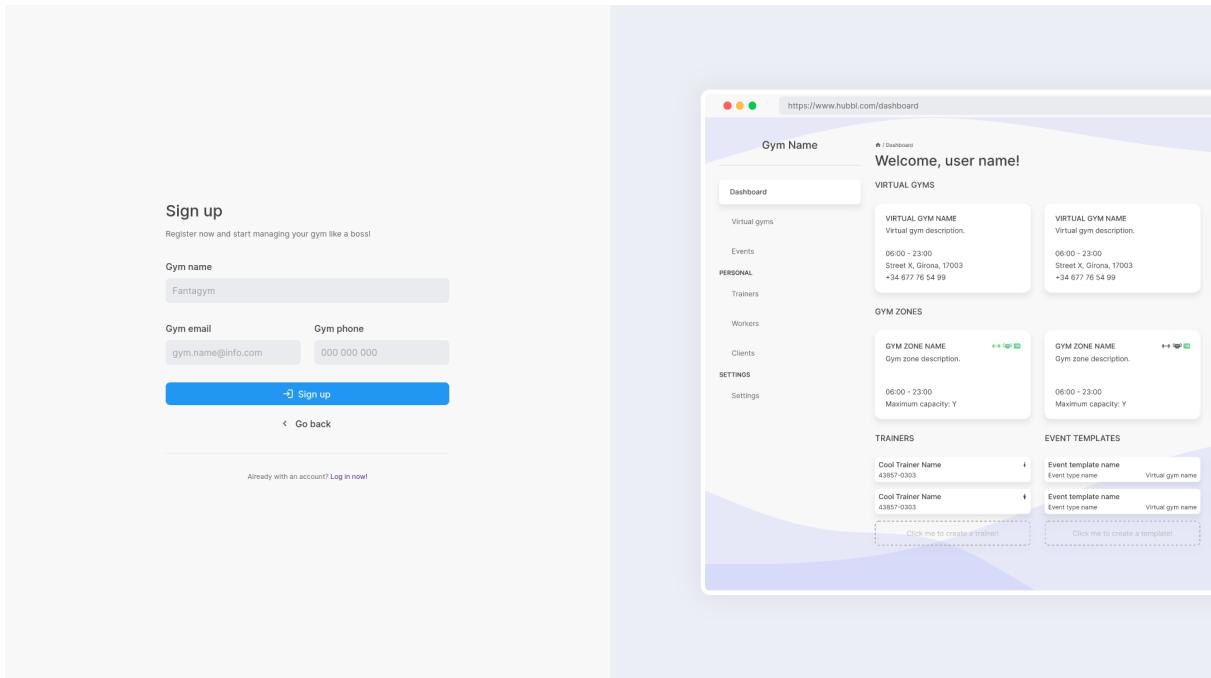


Figure 1.2: Step two of the sign up process

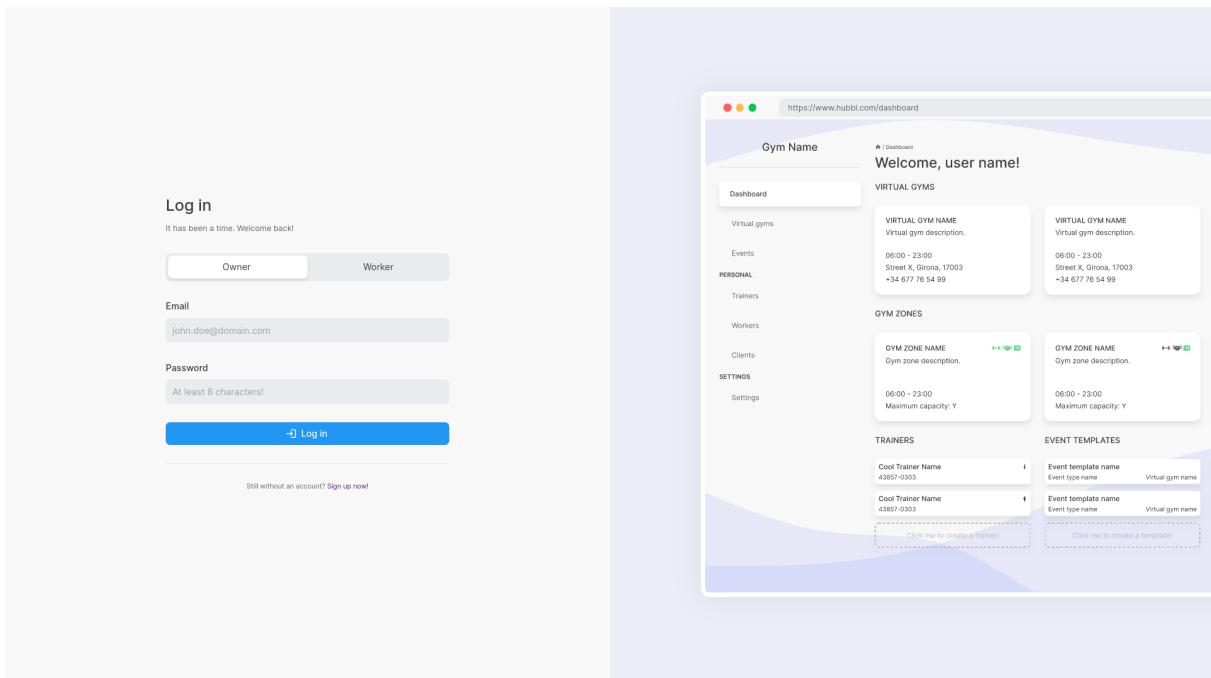


Figure 1.3: Log in page

1.1. Results

1.1.2 Dashboard page

Gym name: Welcome Miquel de Domingo!

VIRTUAL GYMS:

- YELLOW POINT**: Free weights gym, with many machines aswell! (06:00:00 - 23:00:00, YellowPoint, Girona, 17001)
- GREEN POINT**: Gym for cyclists, runners and swimmers. (03:00:00 - 23:00:00, GreenPoint, Girona, 17002)
- RED POINT**: Gym for powerlifting and halterophilia. (06:00:00 - 23:00:00, Girona, RedPoint, 17003)

GYM ZONES:

- SHARED CLASS ZONE**: Common zone completely equipped s... (11:00:00 - 20:00:00, Maximum capacity: 30)
- MACHINE ZONE - SOUTH**: Equipped with the best Technogym an... (06:00:00 - 23:00:00, Maximum capacity: 50)
- MACHINE ZONE - NORTH**: Equipped with the best Technogym an... (06:00:00 - 23:00:00, Maximum capacity: 50)
- FREE WEIGHT ZONE - WEST**: Free weight zone with dumbbells from... (06:00:00 - 23:00:00, Maximum capacity: 50)
- FREE WEIGHT ZONE - EAST**: Free weight zone with dumbbells from... (06:00:00 - 23:00:00, Maximum capacity: 50)

TRAINERS:

- Tenet Uchiha
- Jay Vine
- Tanjiro Ezer
- Richard Cerezo
- Elen Roglic

EVENT TEMPLATES:

- Click me to create a new event template!

EVENTS:

Today's events:

- 10k run (Running event, 07:00:00 - 09:00:00, 0/30)
- Squat basics (Easy powerlifting, 11:00:00 - 12:00:00, 14/30)
- 22k run (Running event, 11:00:00 - 15:00:00, 0/30)
- Bench press basics (Easy powerlifting, 12:00:00 - 13:00:00, 16/30)
- Deadlift basics (Easy powerlifting, 13:00:00 - 14:00:00, 12/30)
- Powerlifting mobility (Medium powerlifting, 15:00:00 - 17:00:00, 0/30)
- 5k run (Running event, 17:00:00 - 18:00:00, 0/25)
- Heavy squat (Hard powerlifting, 17:00:00 - 20:00:00, 5/15)
- Spinning session (Cycling event, 18:00:00 - 19:00:00, 0/35)
- Powerup spinning (Cycling event, 21:00:00 - 23:00:00, 0/35)

Figure 1.4: First screenshot of the dashboard page

GYM ZONES:

- SHARED CLASS ZONE**: Common zone completely equipped s... (11:00:00 - 20:00:00, Maximum capacity: 30)
- MACHINE ZONE - SOUTH**: Equipped with the best Technogym an... (06:00:00 - 23:00:00, Maximum capacity: 50)
- MACHINE ZONE - NORTH**: Equipped with the best Technogym an... (06:00:00 - 23:00:00, Maximum capacity: 50)
- FREE WEIGHT ZONE - WEST**: Free weight zone with dumbbells from... (06:00:00 - 23:00:00, Maximum capacity: 50)
- FREE WEIGHT ZONE - EAST**: Free weight zone with dumbbells from... (06:00:00 - 23:00:00, Maximum capacity: 50)

TRAINERS:

- Tenet Uchiha
- Jay Vine
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EVENT TEMPLATES:

- Click me to create a new event template!

EVENTS:

Today's events:

- 10k run (Running event, 07:00:00 - 09:00:00, 0/30)
- Squat basics (Easy powerlifting, 11:00:00 - 12:00:00, 14/30)
- 22k run (Running event, 11:00:00 - 15:00:00, 0/30)
- Bench press basics (Easy powerlifting, 12:00:00 - 13:00:00, 16/30)
- Deadlift basics (Easy powerlifting, 13:00:00 - 14:00:00, 12/30)
- Powerlifting mobility (Medium powerlifting, 15:00:00 - 17:00:00, 0/30)
- 5k run (Running event, 17:00:00 - 18:00:00, 0/25)
- Heavy squat (Hard powerlifting, 17:00:00 - 20:00:00, 5/15)
- Spinning session (Cycling event, 18:00:00 - 19:00:00, 0/35)
- Powerup spinning (Cycling event, 21:00:00 - 23:00:00, 0/35)

Figure 1.5: Second screenshot of the dashboard page

1.1.3 Virtual gyms

The screenshot shows the 'Virtual gyms' page with the following structure:

- Gym name:** Virtual gyms
- Dashboard:** Shows 'Virtual gyms' selected.
- Events:** Shows events from 06:00:00 - 20:00:00 with maximum capacity of 100.
- PERSONAL:** Shows personal details.
- Trainers:** Shows trainer details.
- Workers:** Shows worker details.
- Clients:** Shows client details.
- SETTINGS:** Shows settings.
- Virtual gyms:** A main section containing three categories: GREEN POINT, RED POINT, and YELLOW POINT.
- GREEN POINT:** Contains three zones:
 - RUNNING ZONE:** 45 Running machines + 400m track, 06:00:00 - 20:00:00, Maximum capacity: 100.
 - SWIMMING POOL:** Olympic swimming pool (50m) with 10... (truncated), 03:00:00 - 23:00:00, Maximum capacity: 20.
 - INDOOR CYCLING M:** 25 Wahoo kickrs + Computers set up ..., 13:00:00 - 23:00:00, Maximum capacity: 25.
- RED POINT:** Contains four zones:
 - HALTEROPHILIA ZONE - SOUTH:** Halterophilia zone - South zone of the ..., 06:00:00 - 23:00:00, Maximum capacity: 25.
 - POWERLIFTING ZONE - WEST:** Powerlifting zone - West zone of the g..., 06:00:00 - 23:00:00, Maximum capacity: 25.
 - POWERLIFTING ZONE - EAST:** Powerlifting zone - East zone of the g..., 06:00:00 - 23:00:00, Maximum capacity: 25.
 - HALTEROPHILIA ZONE - NORTH:** Halterophilia zone - North zone of the ..., 06:00:00 - 23:00:00, Maximum capacity: 35.
- YELLOW POINT:** Contains four zones:
 - FREE WEIGHT ZONE - EAST:** Free weight zone with dumbbells from..., 06:00:00 - 23:00:00, Maximum capacity: 50.
 - MACHINE ZONE - NORTH:** Equipped with the best Technogym an..., 06:00:00 - 23:00:00.
 - MACHINE ZONE - SOUTH:** Equipped with the best Technogym an..., 06:00:00 - 23:00:00, Maximum capacity: 50.
 - FREE WEIGHT ZONE - WEST:** Free weight zone with dumbbells from..., 06:00:00 - 23:00:00, Maximum capacity: 50.
- Click me:** Buttons for 'Click me' with arrows pointing right.

Figure 1.6: Virtual gyms page

Whenever a virtual gym has been clicked (by clicking at its name), the user is redirected to the above page, which displays all the gym zones of the chosen virtual gym.

The screenshot shows the 'Virtual gym' page for 'Green Point' with the following structure:

- Gym name:** Virtual gym
- Dashboard:** Shows 'Virtual gyms' selected.
- Events:** Shows events from 06:00:00 - 20:00:00 with maximum capacity of 100.
- PERSONAL:** Shows personal details.
- Trainers:** Shows trainer details.
- Workers:** Shows worker details.
- Clients:** Shows client details.
- SETTINGS:** Shows settings.
- Virtual gyms:** A main section containing two sections: 'Class gym zones' and 'Non-class gym zones'.
- Class gym zones:** Contains two zones:
 - RUNNING ZONE:** 45 Running machines + 400m track, 06:00:00 - 20:00:00, Maximum capacity: 100.
 - INDOOR CYCLING XL:** 35 Wahoo Kickrs + Computers set up ..., 13:00:00 - 23:00:00, Maximum capacity: 35.
- Non-class gym zones:** Contains two zones:
 - SWIMMING POOL:** Olympic swimming pool (50m) with 10..., 03:00:00 - 23:00:00, Maximum capacity: 20.
 - INDOOR CYCLING M:** 25 Wahoo kickrs + Computers set up ..., 13:00:00 - 23:00:00, Maximum capacity: 25.
- Today's events:** A sidebar listing events for the day:

Event	Type	Start Time	End Time	Status
10K run	Running event	07:00:00	09:00:00	0/30
Squat basics	Easy powerlifting	11:00:00	12:00:00	14/30
22k run	Running event	11:00:00	15:00:00	0/30
Bench press basics	Easy powerlifting	12:00:00	13:00:00	16/30
Deadlift basics	Easy powerlifting	13:00:00	14:00:00	12/30
Powerlifting mobility	Medium powerlifting	15:00:00	17:00:00	0/30
5k run	Running event	17:00:00	18:00:00	0/25
Heavy squat	Hard powerlifting	17:00:00	20:00:00	5/15
Spinning session	Cycling event	18:00:00	19:00:00	0/35
Power spinning	Cycling event	21:00:00	23:00:00	0/35
- Click me:** Buttons for 'Click me' with arrows pointing right.

Figure 1.7: Virtual gym page

1.1. Results

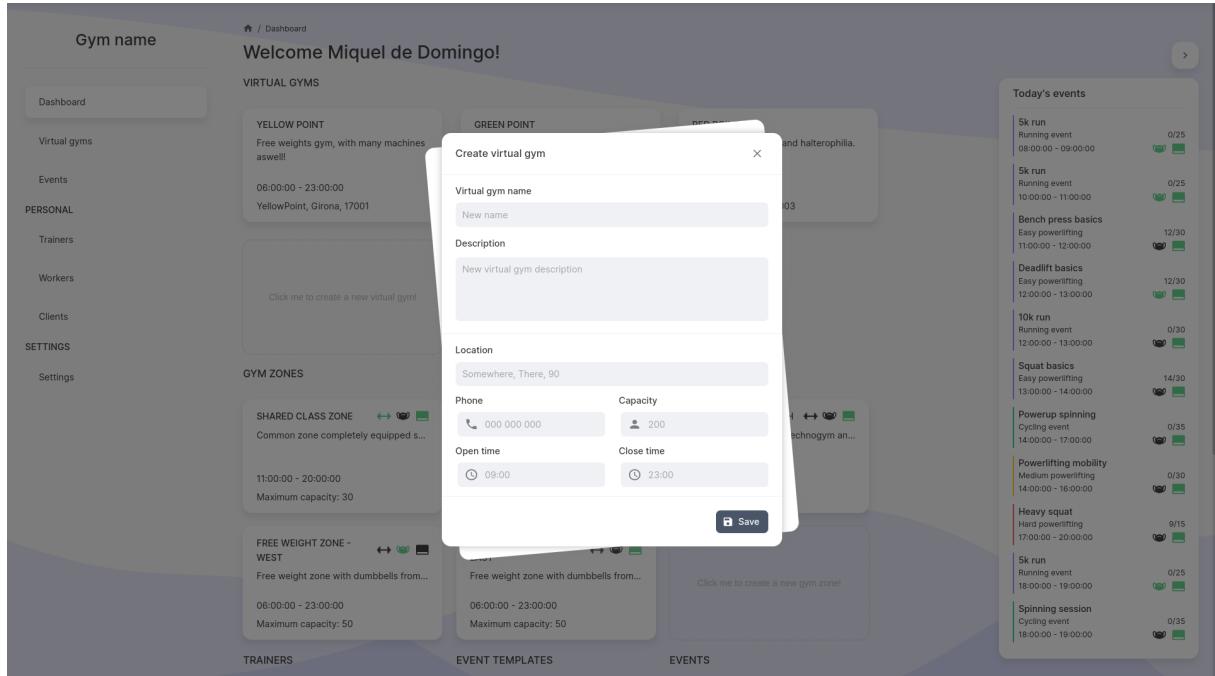


Figure 1.8: Creation of a virtual gym

1.1.4 Gym zone

This view is only limited to the class type gym zones. That is because the non-class type do not have an events calendar.

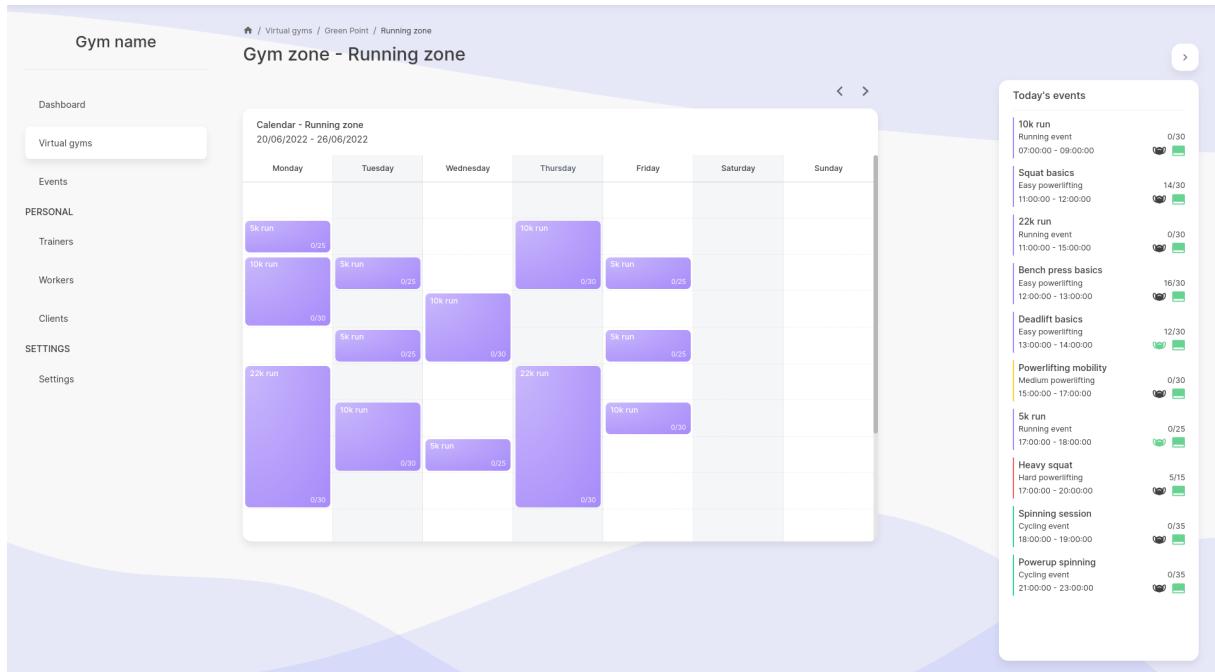


Figure 1.9: View of a calendar with events of the same event type

1.1. Results

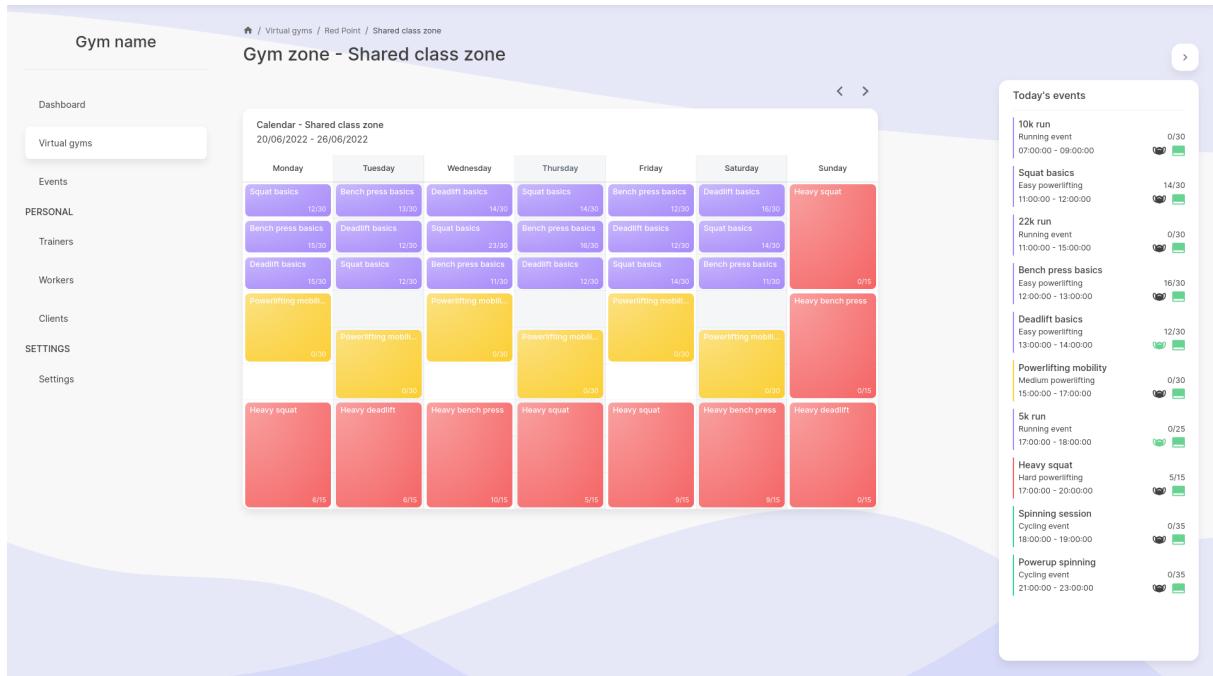


Figure 1.10: View of a calendar with events of different event type

Gym zones can be created from different views, which are the dashboard, the virtual gyms list page and the single virtual gym's page.

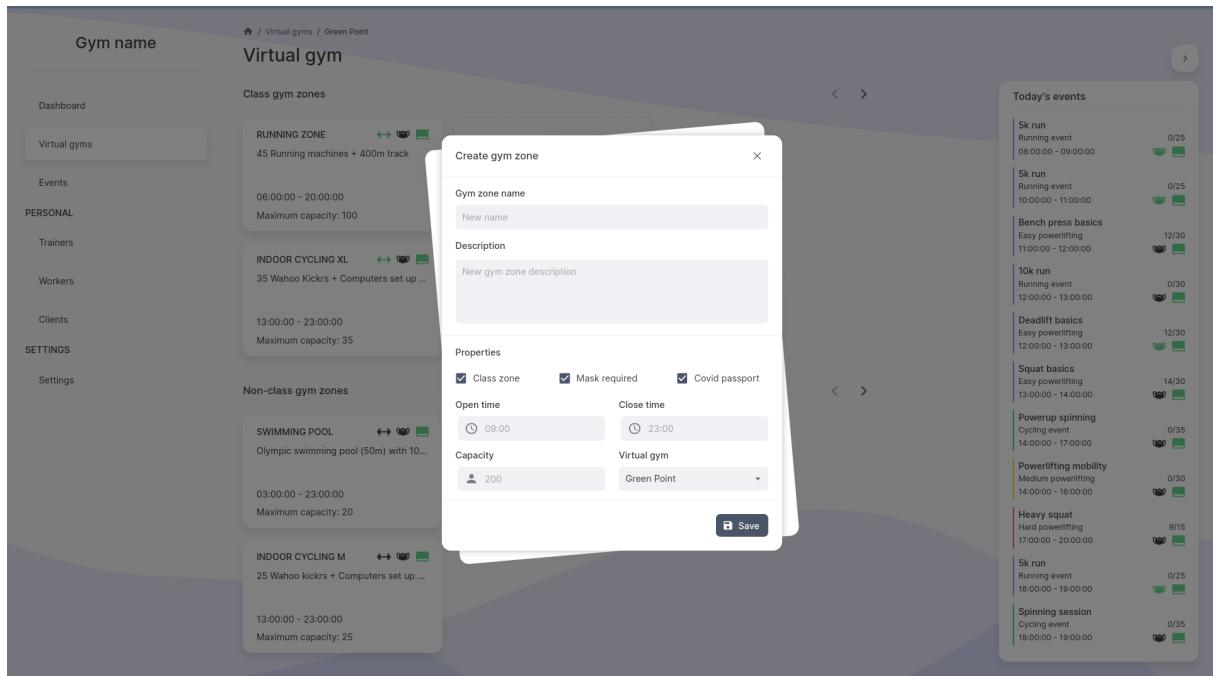


Figure 1.11: Virtual gym page

1.1. Results

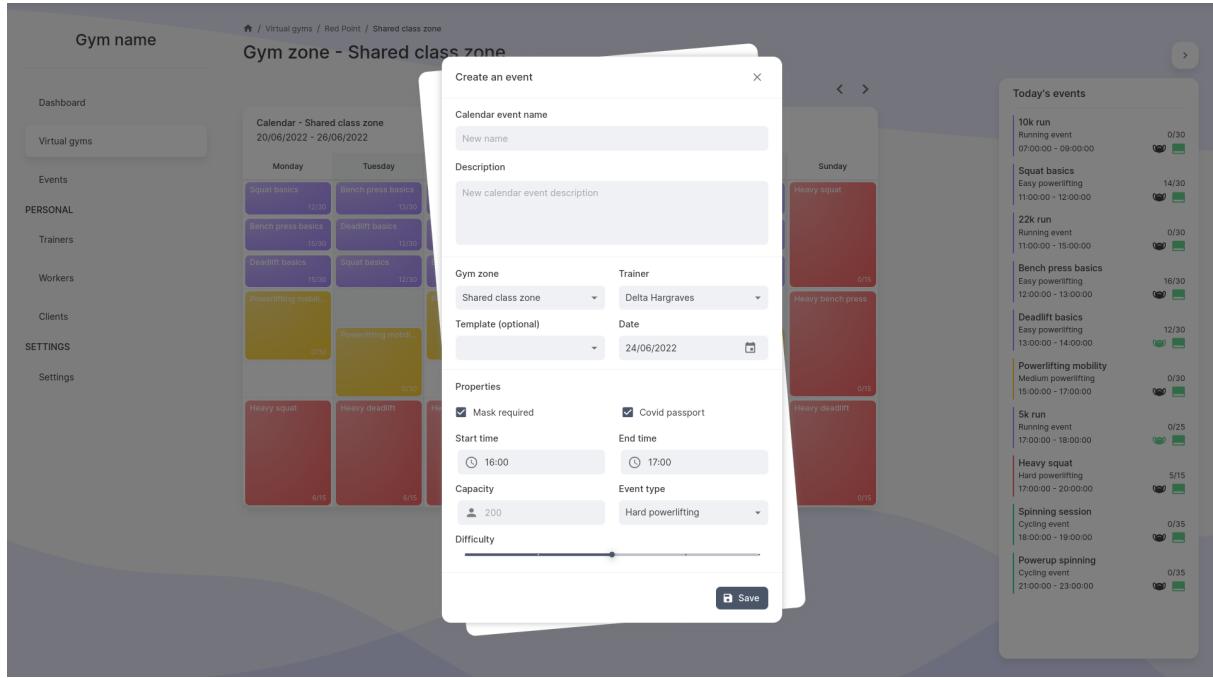


Figure 1.12: Creation of an event for a calendar

1.1.5 Events

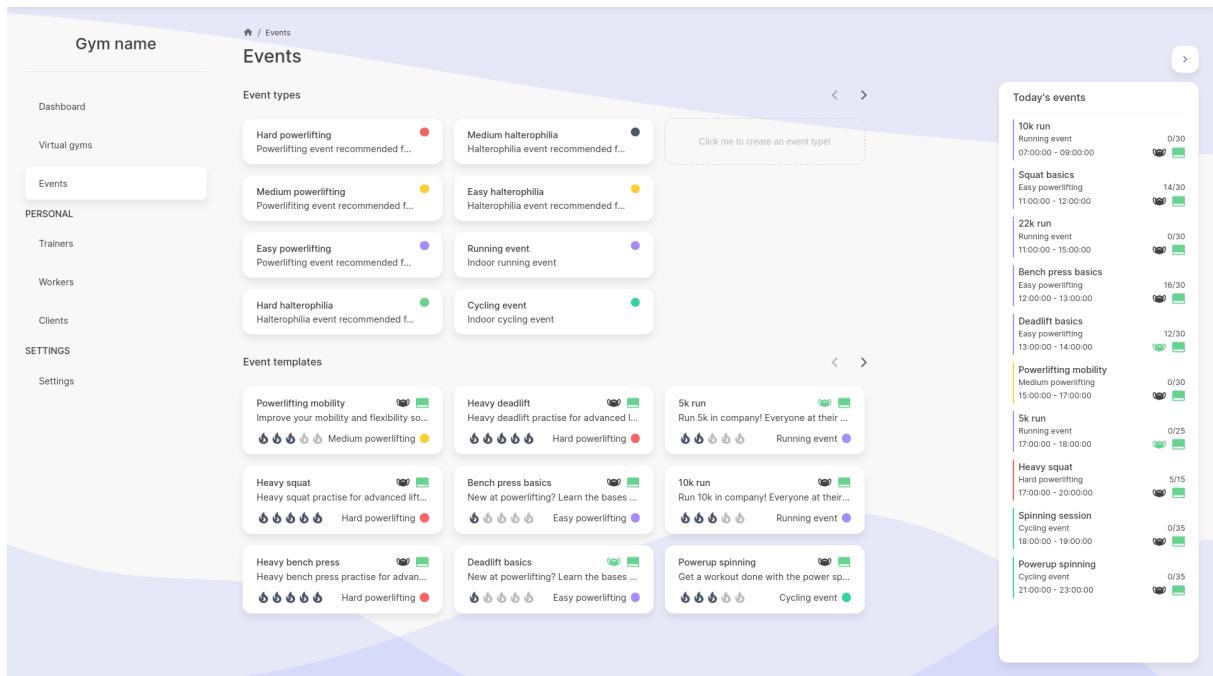


Figure 1.13: Events page with event types and event templates

1.1. Results

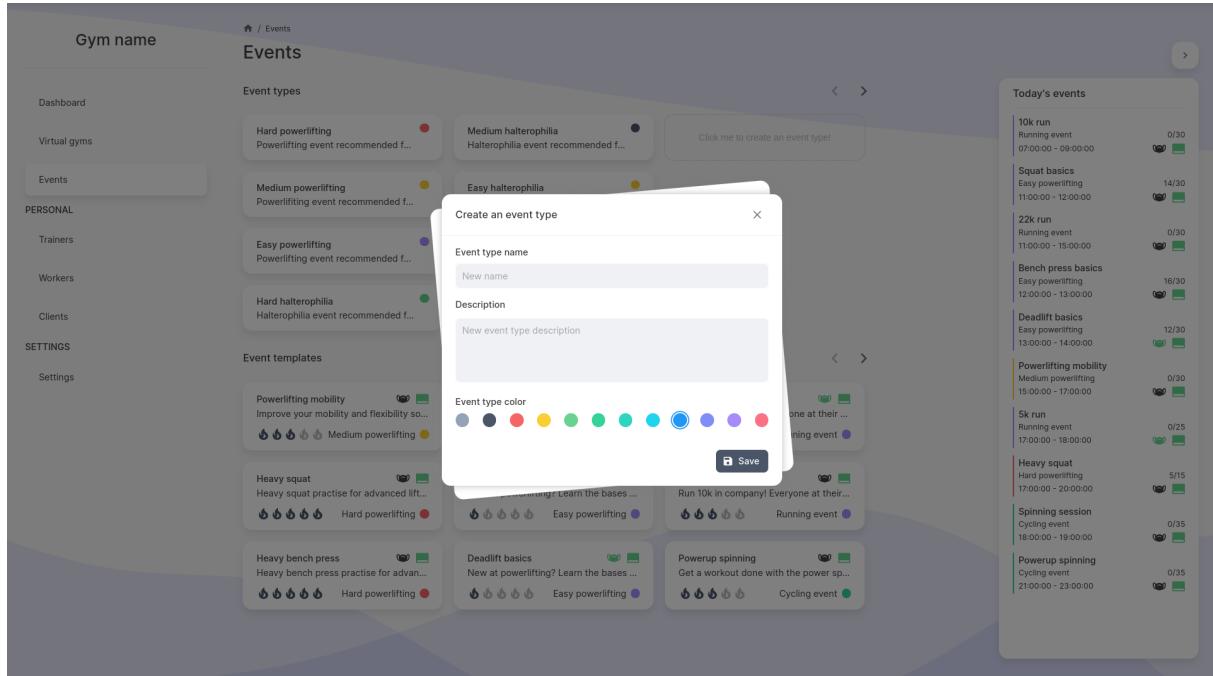


Figure 1.14: Creation of an event type

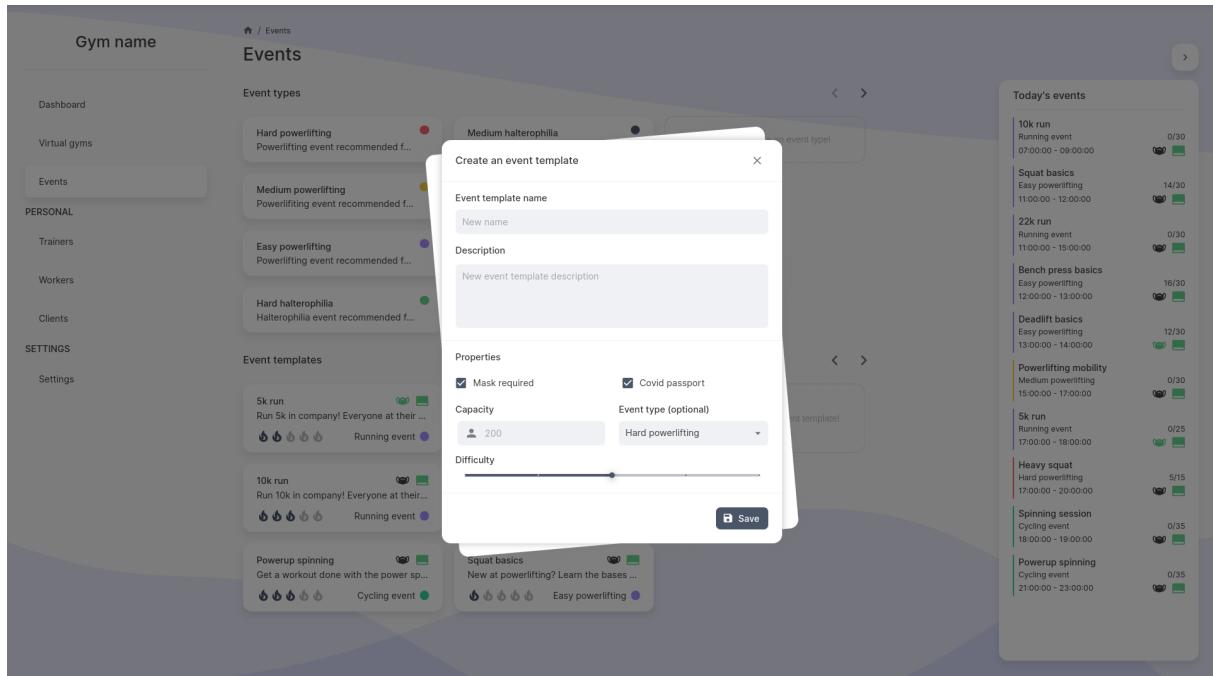


Figure 1.15: Creation of an event template

1.1.6 Workers

The screenshot shows a web application interface for managing workers. On the left, a sidebar menu includes options like Dashboard, Virtual gyms, Events, PERSONAL, Trainers, and Workers (which is currently selected). The main content area is titled 'Workers' and displays a table with columns: FIRST NAME, LAST NAME, EMAIL, PHONE, and GENDER. The table contains six rows of data for workers named John, Hasher, Martin, Helen, Karen, and Jane. To the right of the main content, a modal window titled 'Worker permissions' is open, containing the message 'Click a worker to see their permissions!'.

Figure 1.16: Workers view without a worker selected

This screenshot is similar to Figure 1.16 but with a worker selected. The 'Workers' table now highlights the row for 'John Doe'. A detailed permissions modal is open on the right, showing specific permissions for John Doe across various modules: VIRTUAL GYMS, GYM ZONES, TRAINERS, CLIENTS, EVENT TYPES, EVENT TEMPLATES, EVENTS, EVENT APPOINTMENTS, and CALENDAR APPOINTMENTS. Each module has 'Create', 'Update', and 'Delete' permissions listed with corresponding icons.

Figure 1.17: Workers view with a worker selected

1.1. Results

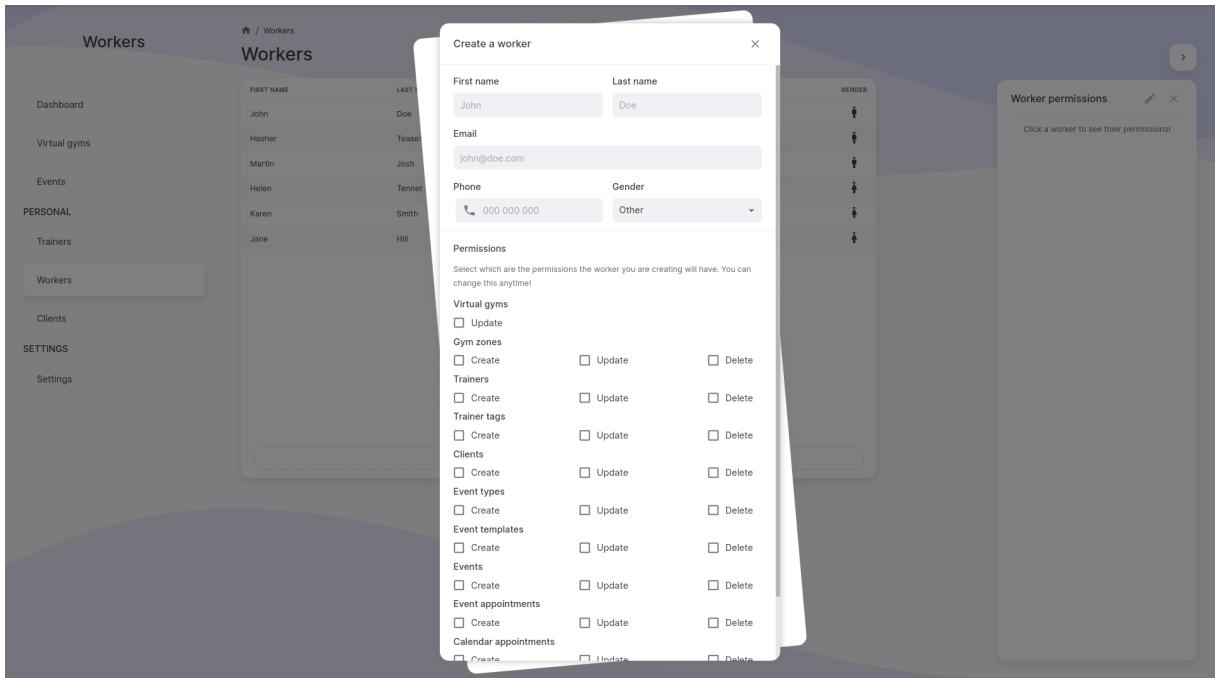


Figure 1.18: Creation of a worker

1.1.7 Trainers

Trainers					
Trainers					
	FIRST NAME	LAST NAME	EMAIL	GENDER	SPECIALITIES
Dashboard	Delta	Hargraves	delta.sanchez@cpgym.com	♂	
Virtual gyms	Lucas	Hilton	lucas.hilton@cpgym.com	♂	
Events	Mia	Rowe	mia.rowe@cpgym.com	♀	
PERSONAL	Oscar	Davies	oscar.davies@cpgym.com	♂	
Trainers	Archie	Willis	archie.willis@cpgym.com	♂	
Workers	Liam	Stewart	liam.stewart@cpgym.com	♂	
Clients	Elen	Roglic	elen.roglic@cpgym.com	♀	
SETTINGS	Richard	Cerezo	richard.cerezo@cpgym.com	♂	
Settings	Tanjiro	Ezer	tanjiro.ezer@cpgym.com	♂	
	Jay	Vine	jay.vine@cpgym.com	♀	
	Tenet	Uchiha	tenet.uchiha@cpgym.com	♂	

Figure 1.19: Trainers page

1.1. Results

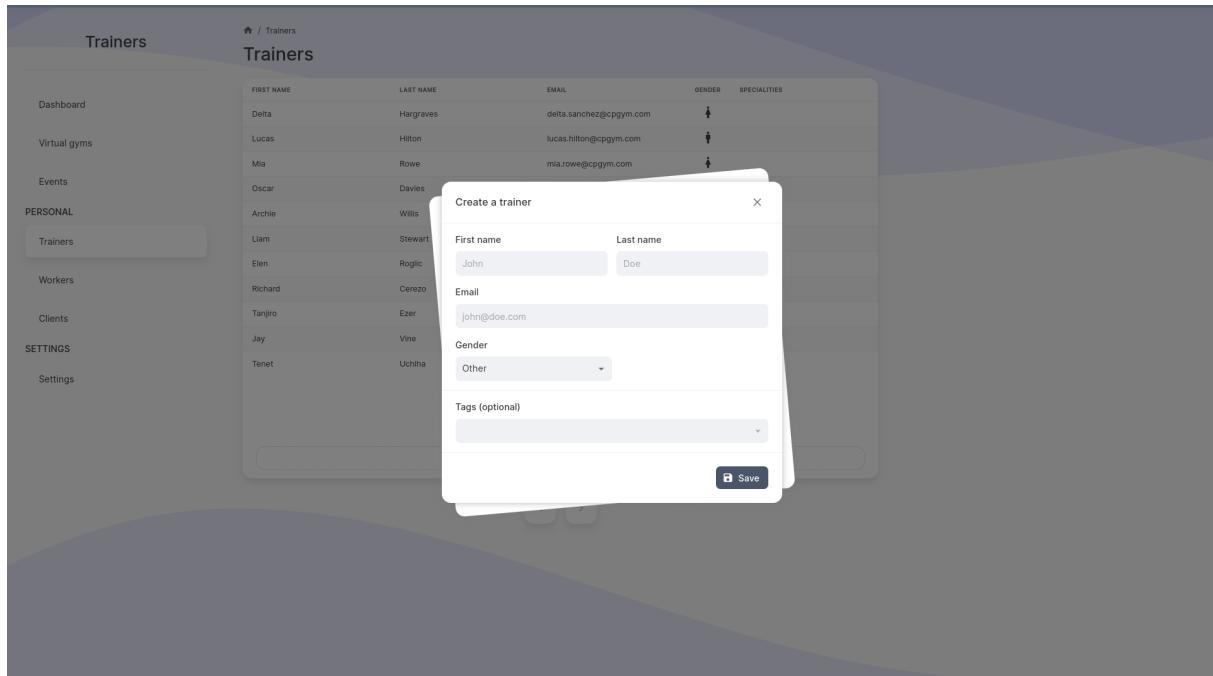


Figure 1.20: Creation of a trainer

1.1.8 Clients

A screenshot of a web application interface. The left sidebar shows navigation links: Dashboard, Virtual gyms, Events, PERSONAL (Clients selected), Trainers, Workers, Clients, and SETTINGS (Settings). The main header says 'Clients'. Below it is a table of clients with columns: FIRST NAME, LAST NAME, EMAIL, PHONE, COVID PASSPORT, and GENDER. A '+' button is at the bottom left of the table, and navigation arrows are at the bottom right.

	FIRST NAME	LAST NAME	EMAIL	PHONE	COVID PASSPORT	GENDER
Dashboard	Steven	Oda	stoda@gmail.com	646 072 1544		
Virtual gyms	Winfred	Kirver	wkirver@nhs.uk	901 616 8516		
Events	Karyn	Feldbrin	kfeldbrin@hotmail.com	725 753 4781		
PERSONAL	Chrissie	O Monahan	comonahan0@vk.com	780 265 8190		
Trainers	Roi	Heinsh	rheinsh1@storify.com	887 139 8509		
Workers	Kendrick	Chene	kchene2@over-blog.com	680 609 0031		
Clients	Cecelia	Copperwaite	ccopperwaite3@nps.gov	910 639 5206		
Dashboard	Verena	Osmar	vosmar4@yahoo.co.jp	913 757 0641		
Virtual gyms	Casie	Buckleigh	cbuckleigh5@postercous.com	515 622 6362		
Events	Lenci	Blinding	lblinding6@yandex.ru	973 622 9472		
PERSONAL	Paulle	Boutwell	pboutwell7@ipr.org	586 984 6572		
Trainers	Samuele	Scoates	sscicates8@netvibes.com	334 888 1804		
Workers	Laird	Wharby	lwwharby9@house.gov	725 965 5660		
Clients	Quintina	Rhyme	qfrymea@blinklist.com	189 772 5492		
Dashboard	Abie	Mollin	amollinb@engadget.com	888 226 1924		

Figure 1.21: Clients page

1.1. Results

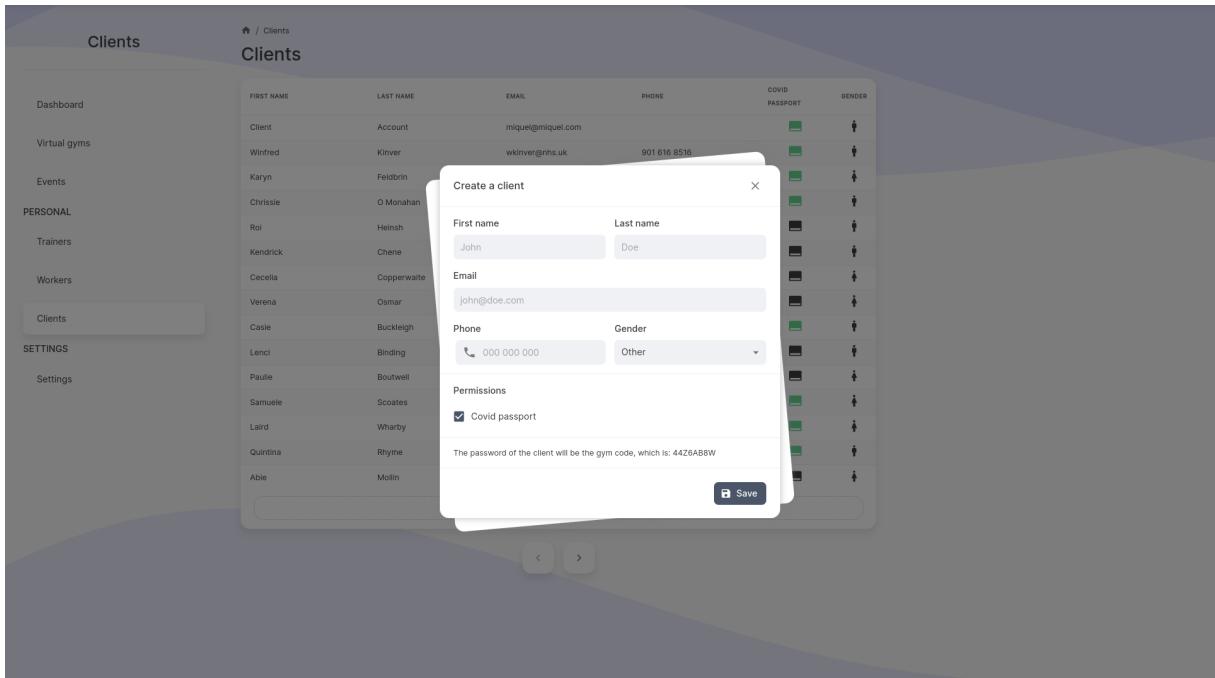


Figure 1.22: Creation of a client

1.1.9 Settings

The settings page for a worker would look the same, without having the gym properties available.

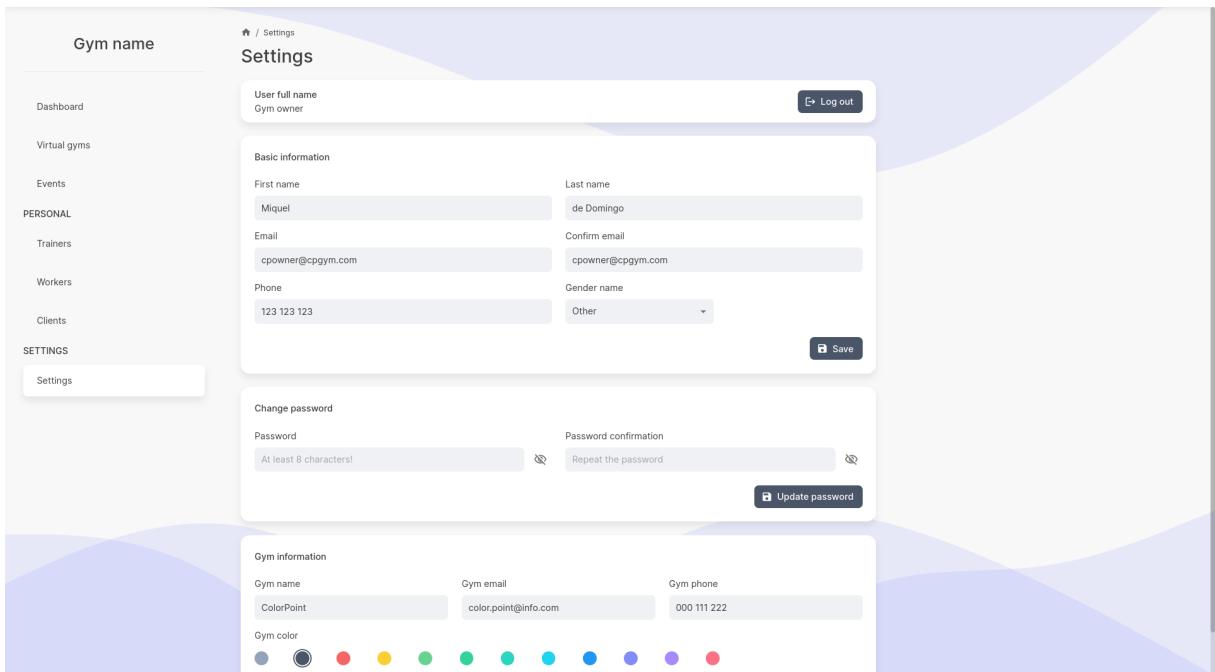


Figure 1.23: Settings page

1.1.2 Core application

1.1.2.1 Authentication

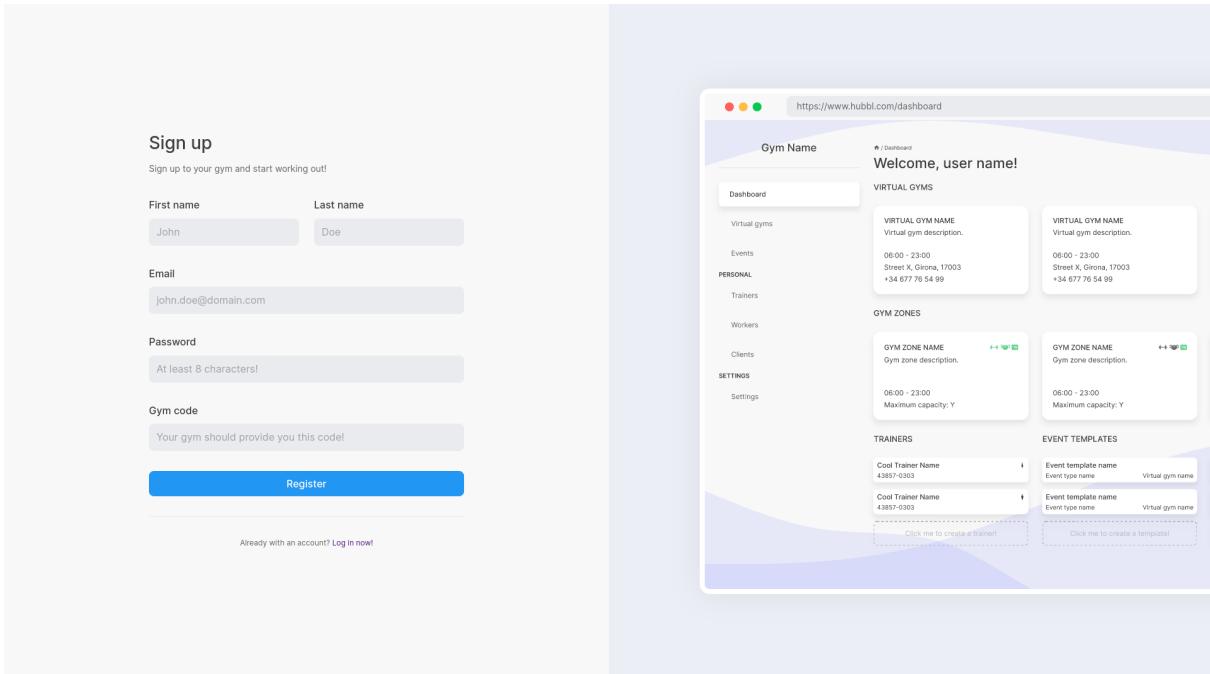


Figure 1.24: Sign up page

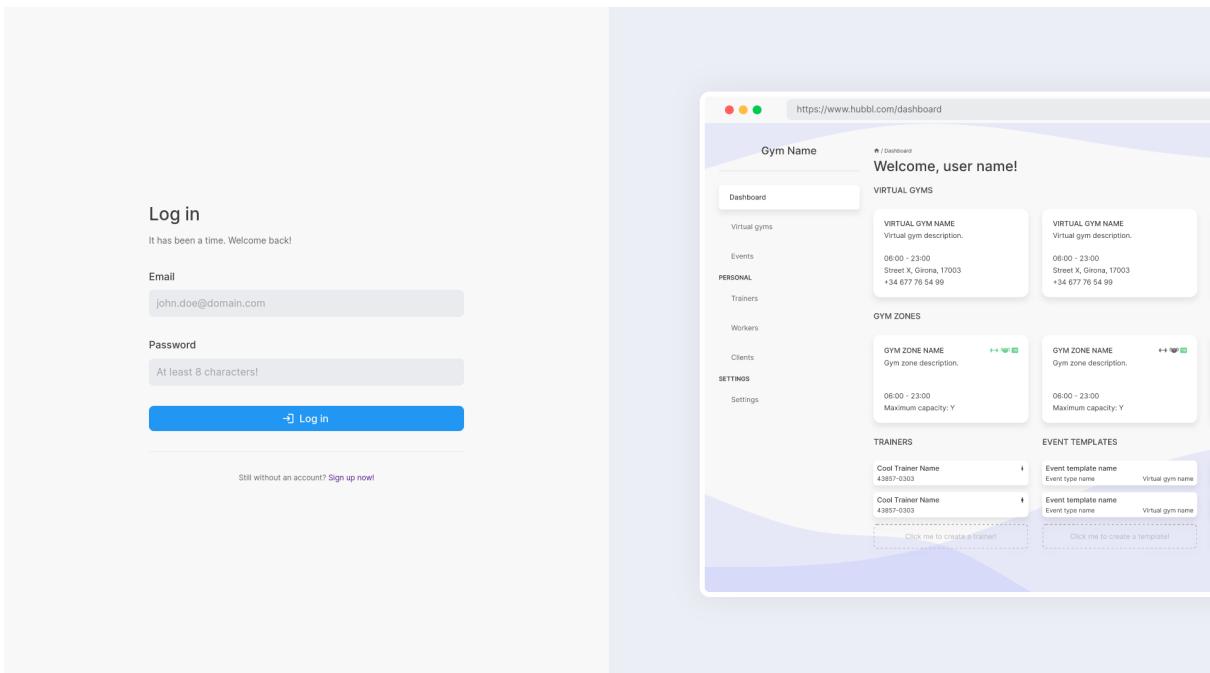


Figure 1.25: Log in page

1.1.2.2 Dashboard page

In comparison to the core application, the dasboard page contains fewer actions, and it is more simple.

1.1. Results

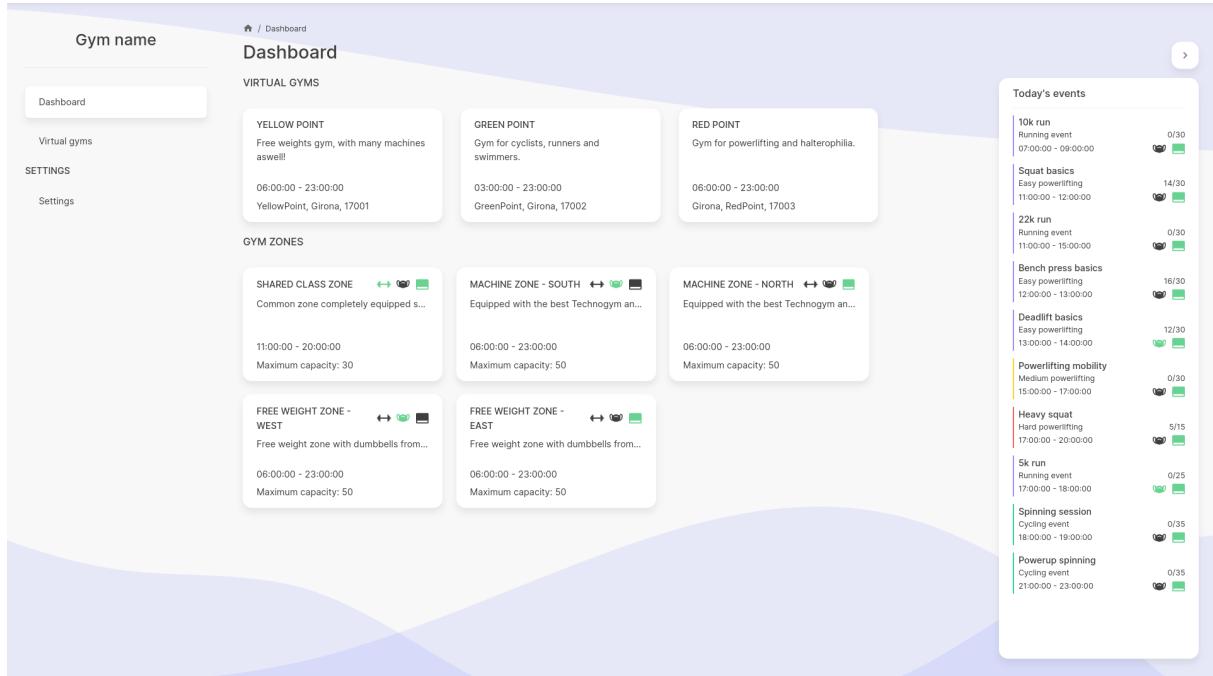


Figure 1.26: Dashboard page

1.1.2.3 Virtual gyms

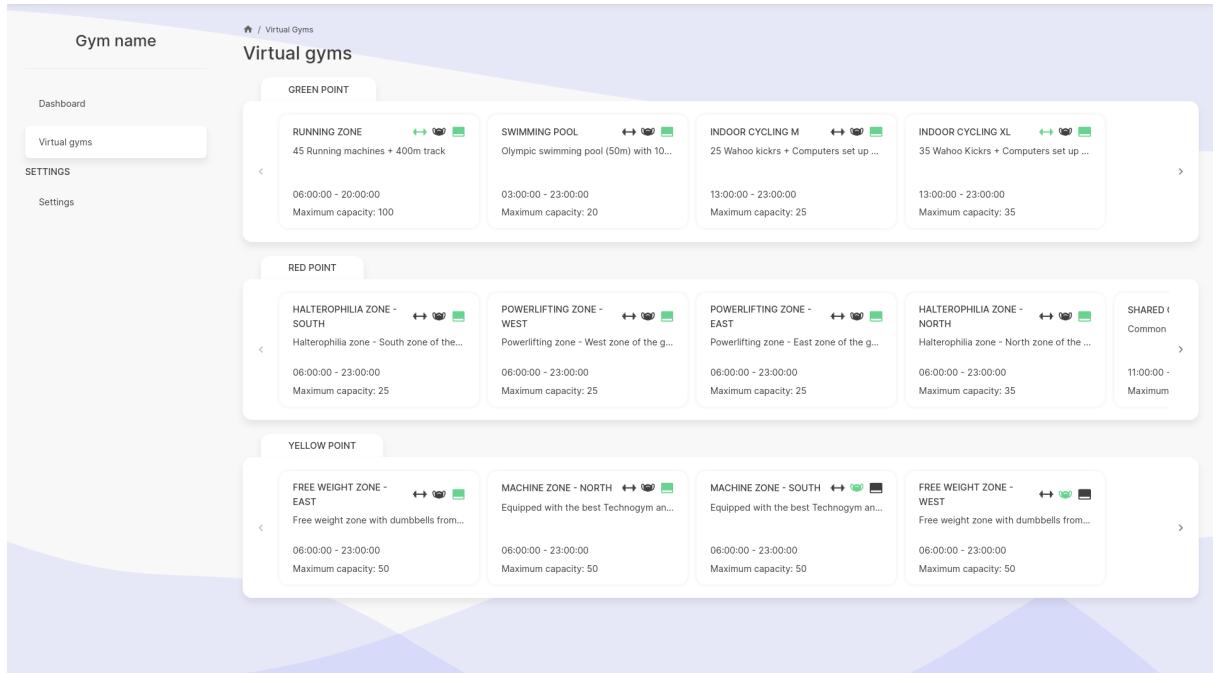


Figure 1.27: Virtual gyms page

Whenever a virtual gym has been clicked (by clicking at its name), the user is redirected to the above page, which displays all the gym zones of the chosen virtual gym.

1.1. Results

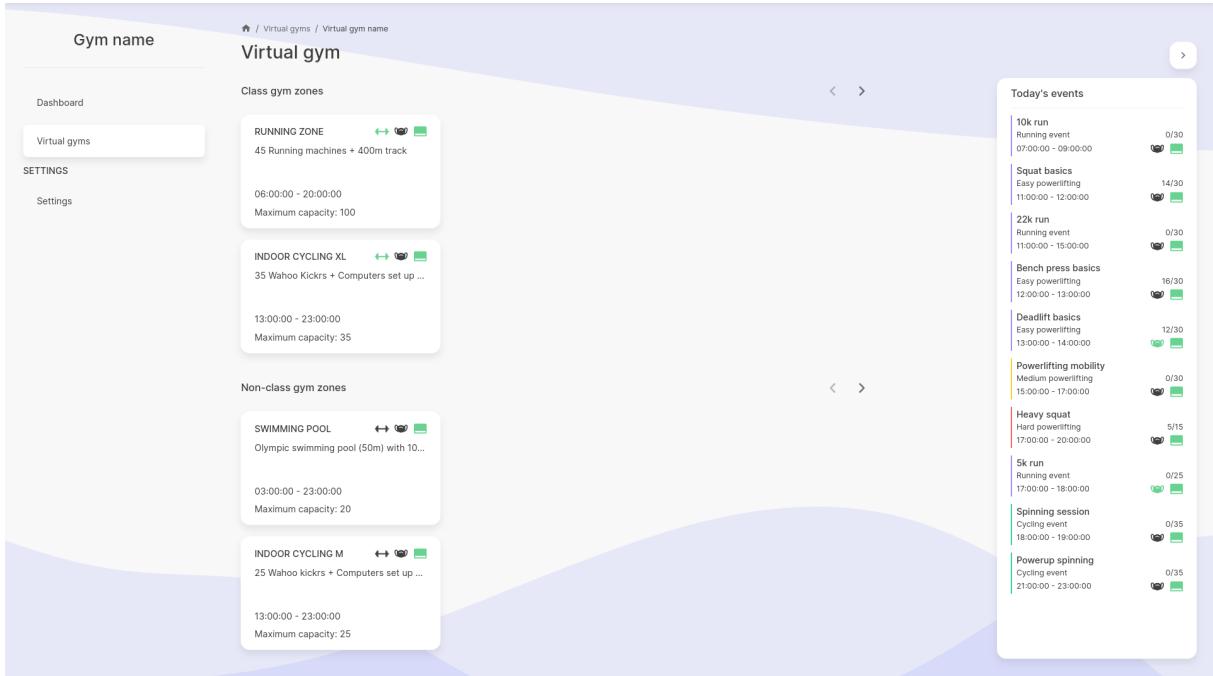


Figure 1.28: Virtual gym page

1.1.2.4 Gym zone

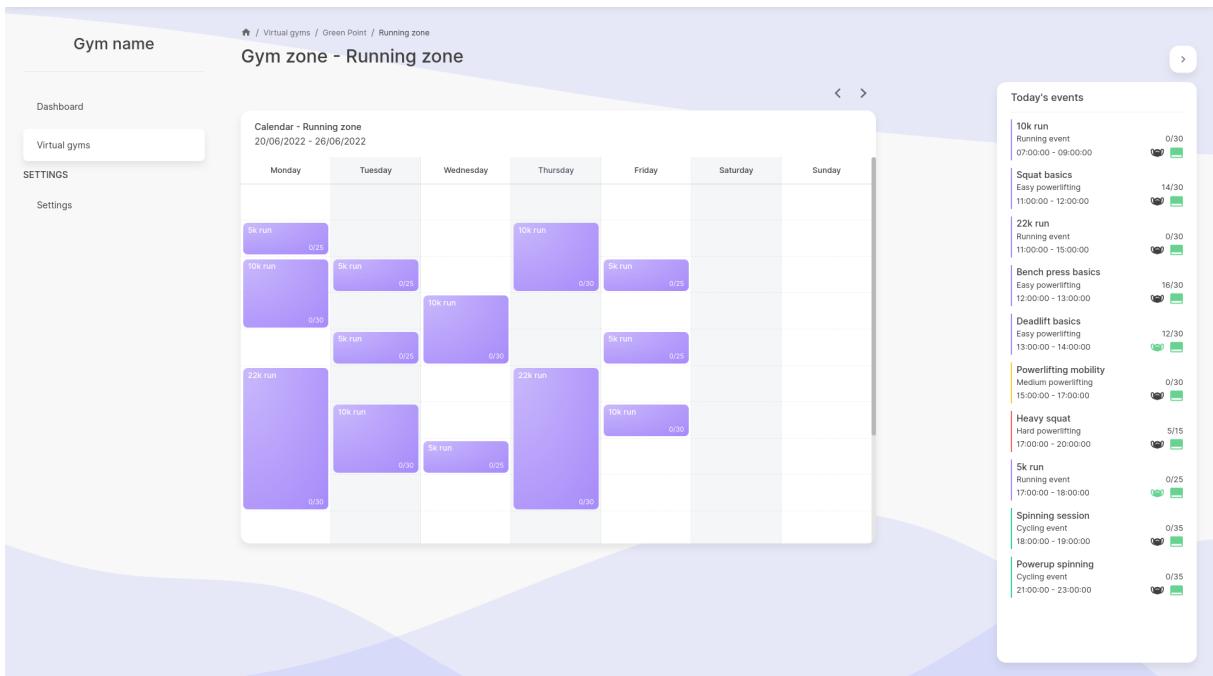


Figure 1.29: View of a gym zone

1.1. Results

1.1.2.5 Appointments

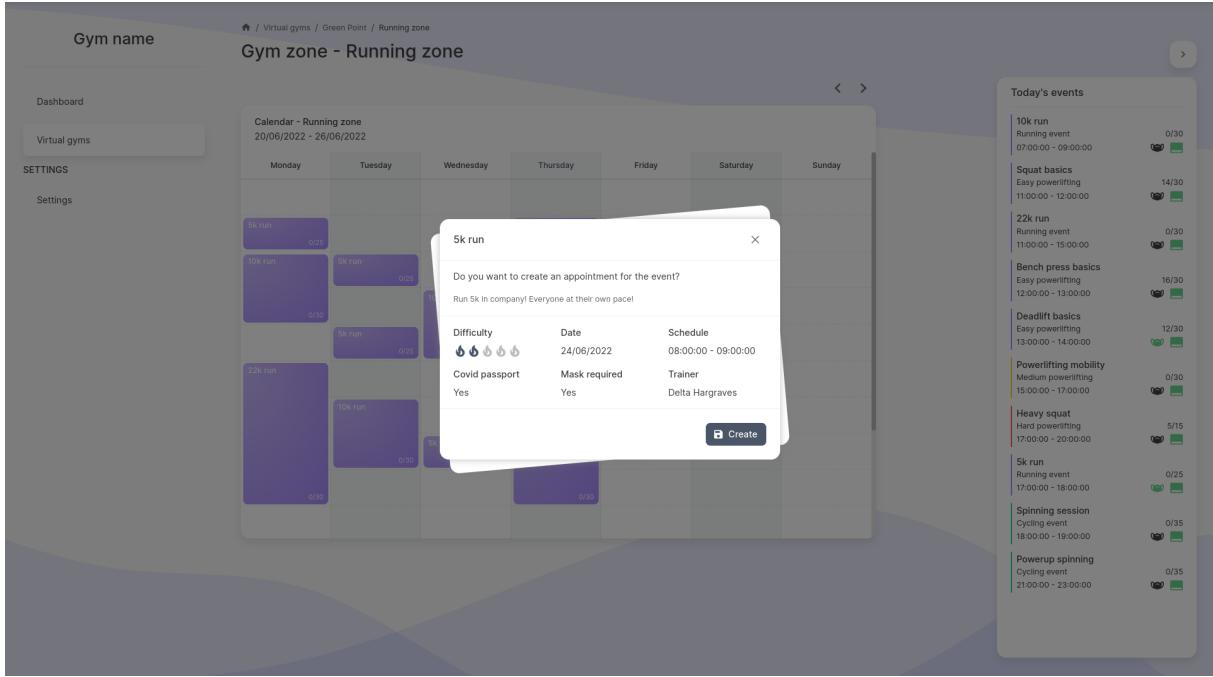


Figure 1.30: Creation of an appointment to an event

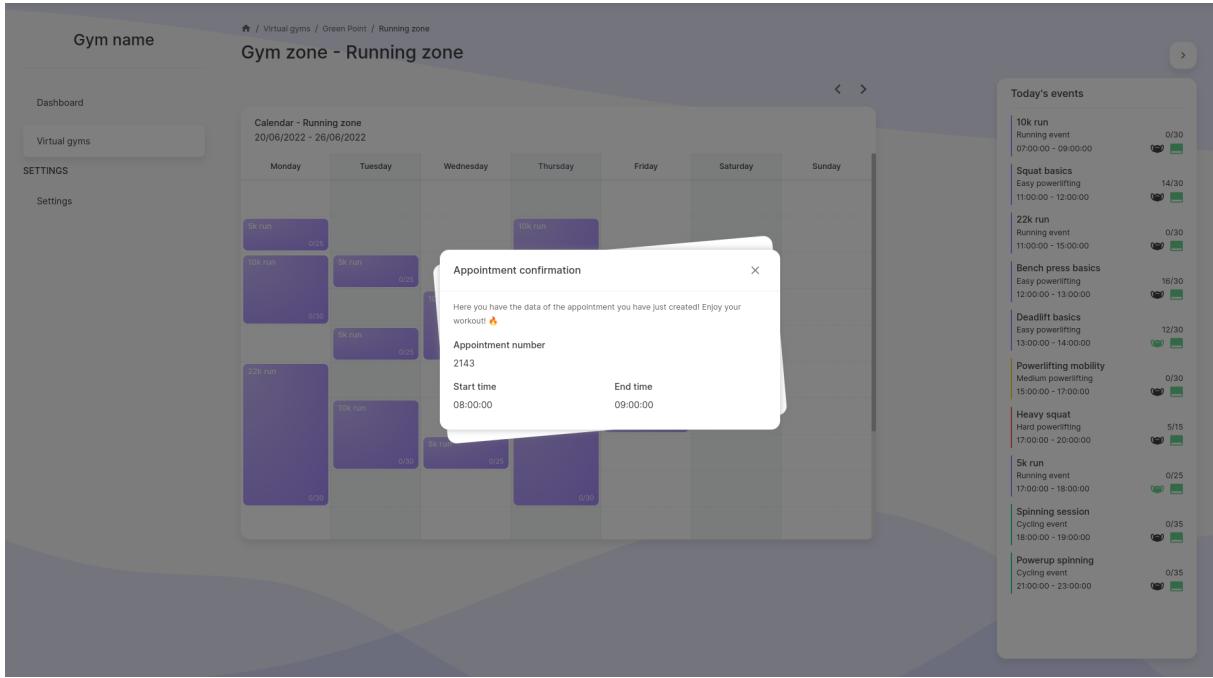


Figure 1.31: Confirmation of an event appointment

1.1. Results

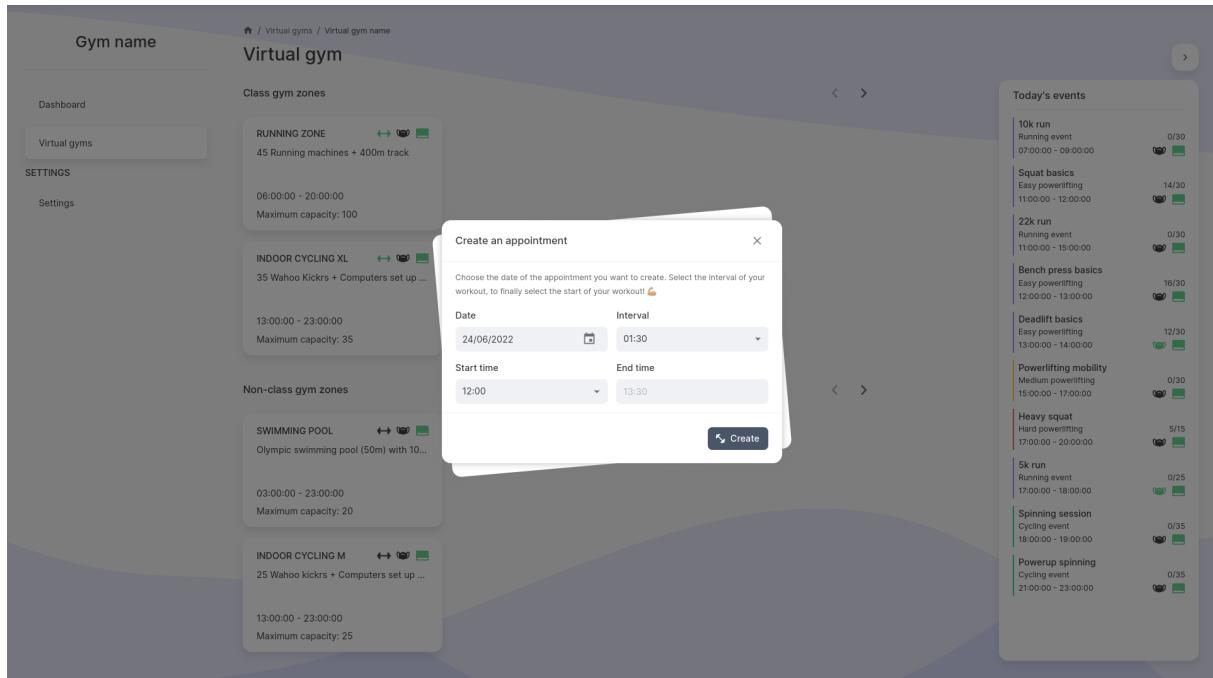


Figure 1.32: Creation of an appointment to a calendar

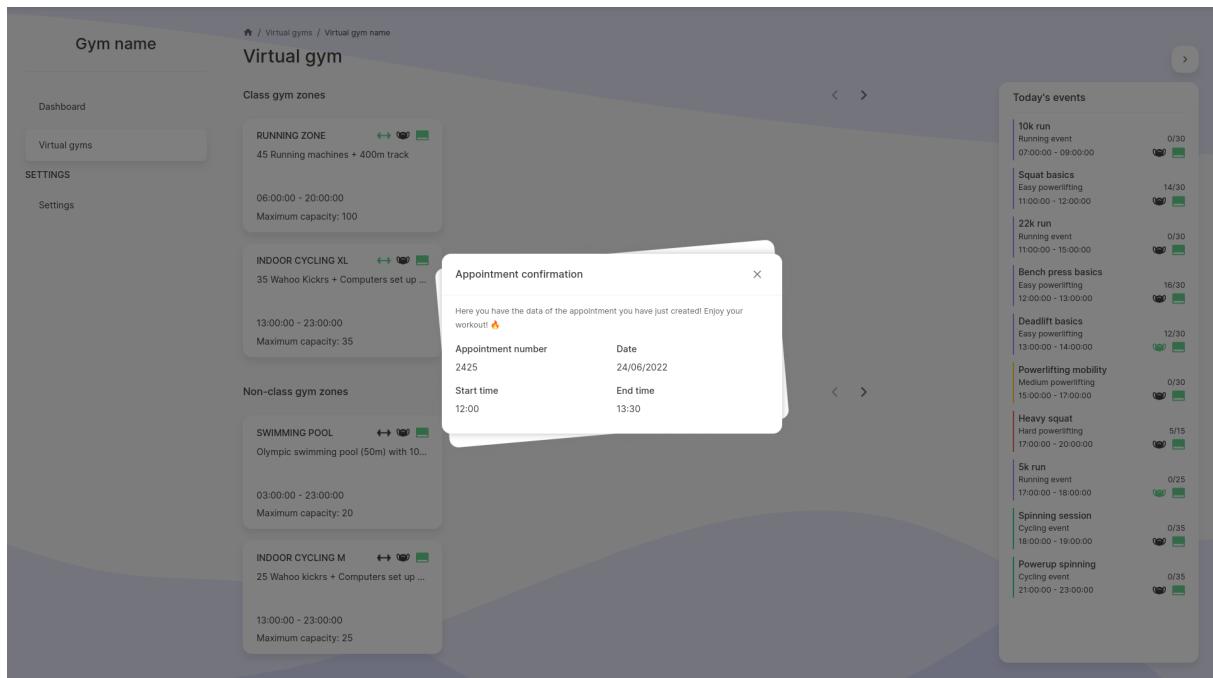


Figure 1.33: Confirmation of a calendar appointment

1.1.2.6 Settings

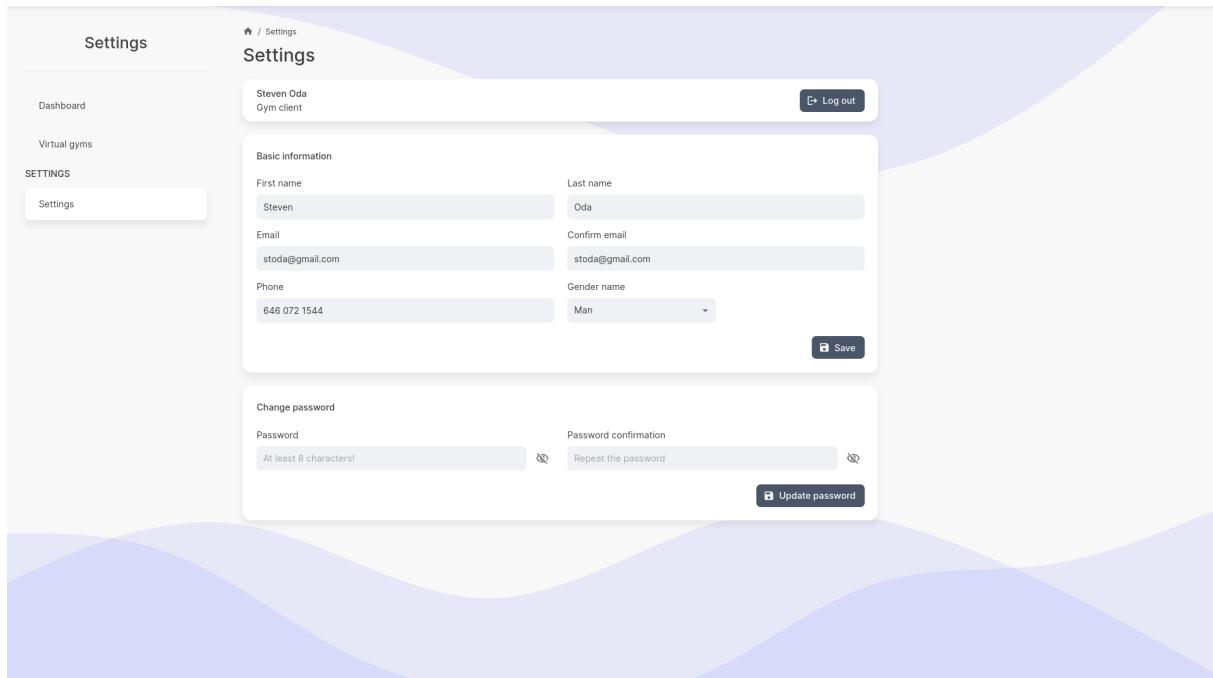


Figure 1.34: Settings page