

Software Engineering for Business Applications

Team 25 – Use Cases Presentation

By Nada Boukhari, Sathwik Amburi, Mohamed Ghanem and Raffaele Tranquillini

Under the guidance of Burak Öz

Use Case 1 – Gym searching – Homepage and Map

GymVault LOG IN SIGN UP

 GymVault

We help gym owners and clients connect **faster, easier, and hassle-free**

Find your next gym
Have you been thinking about starting your fitness journey ? Unsure of what gym to choose, or what course to sign up for ? Well you came to the right place !

By Course Learn new sports without the hassle of paperwork

By Services Filter by amenities, subscription types, and pricing

By Location Be it at home or on the road, we have you covered.

Show me GYMS COURSES


Leaflet | © OpenStreetMap contributors

Gym Name City SEARCH 

Our partners around Germany
We have a large network of partners in Germany, so you can find the fitness centre that is closest to you, and that better satisfies your needs.

Happen to own a gym?
If so, you can list your gym to our platform. It's free, and we will show it to our users right away.
We will only take a share for each transaction processed by our users. Get in touch, and our team will tell you more.

ADD YOUR GYM

 GymVault
[About Us](#) [Contact Us](#) [Sign Up as a Gym](#)



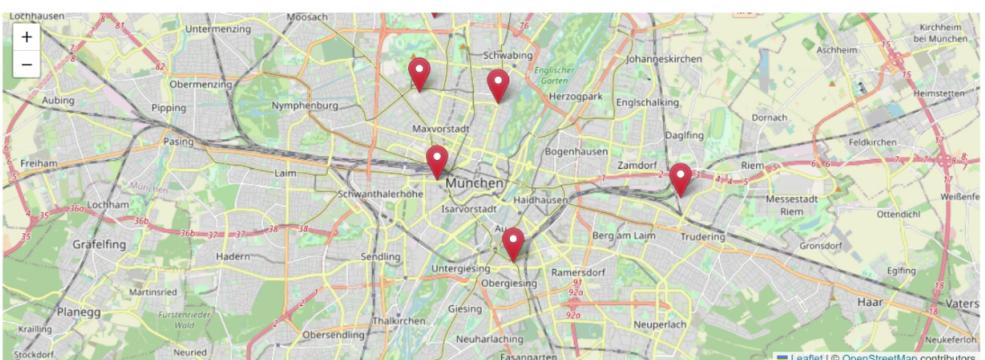
Use Case 1 – Gym Search Page

GymVault LOG IN

6 gyms found in Munich

DAY PASS BETWEEN 0 AND 30 € X

FILTERS Sort by Rating (High ...)



Leaflet | OpenStreetMap contributors



Monster Fitness ★4.00 (2)
Billwerder Neuer Deich 79, Munich, Germany
Daily Pass: 9.99 €
Monthly Pass: 59.99 €
Yearly Pass: 449.99 €



Central Club ★3.33 (3)
Ringinger Straße 23, 89601 Munich, Germany
Daily Pass: 20.99 €
Monthly Pass: 99.99 €
Yearly Pass: 746.99 €



Vital Climbing ★3.33 (3)
Landsberger Allee 59 München, 80333
Daily Pass: 9.99 €
Monthly Pass: 65.99 €
No Yearly Pass offered



Pharos East ★3.00 (3)
Ittisweg 19, 73239 Munich, Germany
Daily Pass: 9.99 €
Monthly Pass: 65.99 €
No Yearly Pass offered



Golds Gym ★3.00 (3)
Landsberger Allee 40 München, 80076
Daily Pass: 19.99 €
Monthly Pass: 95.99 €
No Yearly Pass offered



Leo's Sports Club ★1.50 (2)
Kurfuerstendamm 49 München, 80034
Daily Pass: 12.99 €
Monthly Pass: 75.99 €
No Yearly Pass offered

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Use Case 1 – Gym Search – Filtering

GymVault

LOG IN SIGN UP

8 gyms found in M

Filter by

FILTERS

Sort by Rating (High ...)

Prices

Daily Pass (€): between 0 and 50 €

Monthly Pass (€): between 0 and 100 €

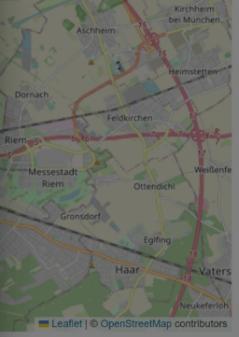
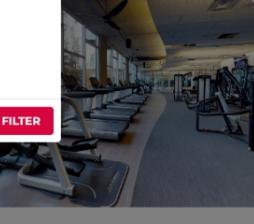
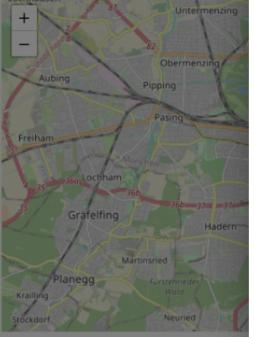
Yearly Pass (€): between 0 and 750 €

Amenities

WiFi Pool AC Treadmills
 Resistance Training Badminton Court
 Hot Showers Elypticals StairMasters
 Sauna Kinesis pieces
 Plyometric workout space Cycling
 Cross Training Cardio Zone

CLEAR ALL FILTERS FILTER

Up to 75% off!



Use Case 2 – Signup + Login (+ Google OAuth)



Sign up

First Name * Last Name *

Email Address *

Phone Number

Password *

Confirm Password *

I have read the [Terms and Conditions](#) and agree to them.

I want to receive inspiration, marketing promotions and updates via email.

[SIGN UP](#)

[Google Sign Up](#)

[Already have an account? Sign in](#)



Use Case 2 – Visualization of Gyms (+ Courses)

GymVault

MY TICKETS | LOGOUT |



Munich Fitness ★3.7 (3)

+497353924608
Konstanzer Strasse 11, Munich, Germany

Located in an up and coming, newly developed, and highly trafficked area of town, Munich Fitness attracts both men and women ages 16 to 75+. There is something for everyone at Munich Fitness whether you are just beginning their fitness journey or is a seasoned athlete and gymrat. We have a welcoming atmosphere, experienced personal trainers, friendly staff, and frequently cleaned equipment and restrooms.

[BUY SUBSCRIPTION](#)

What you'll find inside

Courses



Self Defense



Badminton



In-Line Skating



KickBoxing

Amenities

May vary depending on course or subscription plan

WiFi AC Ellipticals StairMasters Treadmills Sauna Resistance Training

Pricing

Monthly Pass	79.99 €
Yearly Pass	599.99 €

Where you'll find us



Leaflet | © OpenStreetMap contributors

Reviews

Mohamed Jul 19th 2022

★★★★★ Amazing assistance!

The personnel at the gym motivated me and assisted me to reach my fitness goals! They have great people working here!

Sathwik Jul 19th 2022

★★★★★ Great Gym! Great Service!

This gym is one of the best gyms I've been too, it has great personnel and great equipment. I would recommend this gym to anyone considering it.

Nada Jul 19th 2022

★★★★★ Pretty Normal Gym!

I found this gym to be a pretty basic gym, nothing special nothing spectacular but it has everything one would need to work on their fitness goals.

GymVault

About Us | Contact Us | Sign Up as a Gym

[f](#) [t](#) [i](#) [v](#)

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Use Case 2 – Visualization of Courses (+ Schedules)

GymVault

MY TICKETS LOGOUT



Self Defense ★ no rating yet

Teaching a pure art. Not adulterated by competition or commercialization. Whether you are looking for self defense, fitness, developing discipline, or personal development this is the place for you. Short easy lessons you can easily work into your day. Designed specifically for beginners.

BUY SUBSCRIPTION

	Session Pass	Monthly Pass	Yearly Pass
4.99 €	29.99 €	299.99 €	

Organizer

Munich Fitness
Konstanzer Strasse 11, Munich, Germany

Located in an up and coming, newly developed, and highly trafficked area of town, Munich Fitness attracts both men and women ages 16 to 75. There is something for everyone at Munich Fitness, whether someone is just beginning their fitness journey or is a seasoned athlete and gymrat. We have a welcoming atmosphere, experienced personal trainers, friendly staff, and frequently cleaned equipment and restrooms.

+497353924608

CALL

Course Schedule

Weekly Schedule

Day
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

Pricing

Session Pass 4.99 €
Monthly Pass 29.99 €
Yearly Pass 299.99 €

Reviews

This course does not have any reviews yet

GymVault

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Use Case 2 – Gym Purchase / Checkout Form

GymVault

MY TICKETS | LOGOUT |

Leo's Sports Club

Kurfuerstendamm 49 München, 80034

gym

Ticket Format

- 12.99€**
Daily Pass
Fixed duration, base-tier ticket
- 75.99€**
Monthly Pass
Fixed duration, base-tier ticket

Fixed Subscription

A temple of well-being. World-class personal trainers, group fitness classes, spas & more. Discover the Future of Membership Where Our In-Club Experiences Meet Digital Offerings. Sanitizer Stations. Virtual Pilates. On-Demand Classes. Unlimited Classes.

When

The range of validity depends on your ticket type

July 2022 ▾

S	M	T	W	T	F	S
1	2					
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Optionals

- 16€**
Equipment Rental
Rent mat and accessories during course sessions
- 99€**
VIP Subscription
24h entry (auto scan), premium equipment
- 40€**
Sauna Access
Enter our built-in sauna after your workouts
- free**
Special Needs ⓘ
Require assistance for disabilities

Start Date
29/07/2022

Duration
30 days

Order Summary

€ 75.99	Monthly Pass
€ 99	VIP Subscription ⓘ
€ 16	Equipment Rental
€ 40	Sauna Access
free	Special Needs ⓘ

€ 230.99 Total due **SECURE CHECKOUT**

Use Case 2 – Stripe Checkout Procedure

GymVault **TEST MODE**

Zahlung an GymVault
230,99 €

Monthly Pass (starts 29/07/2022)	75,99 €
VIP Subscription	99,00 €
Equipment Rental	16,00 €
Sauna Access	40,00 €

Alle 5 Posten anzeigen ▾

Mit Karte zahlen

E-Mail
sathwik.amburi@gmail.com

Kartendaten
4242 4242 4242 4242 
12 / 25 123

Name des Karteninhabers
Sathwik Amburi

Land oder Region
Deutschland ▾

Meine Daten für sichere Zahlungsvorgänge mit einem Klick speichern
Beschleunigen Sie Ihre Bezahlvorgänge bei GymVault und auf vielen anderen Websites.

Zahlen 

Powered by **stripe** | [Bedingungen](#) [Datenschutz](#)

Use Case 2 – Visualization of Active and Past Subscriptions

GymVault

MY TICKETS LOGOUT

My Tickets

Your booking was successful.

Below you can see your subscription. Click on it to copy your access identifier, and print the tickets if needed:

Monster Fitness
Billwerder Neuer Deich 79, Munich, Germany

monthly pass

Monthly Pass From 28/07/2022 To 27/08/2022 Lasts 30 days from purchase	VIP Subscription 24h entry (auto scan), premium equipment	Fixed-Time Subscription This subscription is currently active . Your access code is hidden, and can be revealed by using the button below. Once you have arrived to the location, please make sure to have your access code ready and provide it to the gym staff as they will need to verify it to grant you access. Enjoy your workout!
Equipment Rental Rent mat and accessories during course sessions	Sauna Access Enter our built-in sauna after your workouts	REVEAL ACCESS CODE €208.99 Total paid
Special Needs Require assistance for disabilities		

WRITE A REVIEW

Leo's Sports Club
Kurfuerstendamm 49 München, 80034

monthly pass

Monthly Pass From 28/07/2022 To 27/08/2022 Lasts 30 days from purchase	VIP Subscription 24h entry (auto scan), premium equipment	Fixed-Time Subscription This subscription is currently active . Your access code is hidden, and can be revealed by using the button below. Once you have arrived to the location, please make sure to have your access code ready and provide it to the gym staff as they will need to verify it to grant you access. Enjoy your workout!
Equipment Rental Rent mat and accessories during course sessions	Sauna Access Enter our built-in sauna after your workouts	REVEAL ACCESS CODE €230.99 Total paid
Special Needs Require assistance for disabilities		

You have rated this subscription:
 DELETE REVIEW

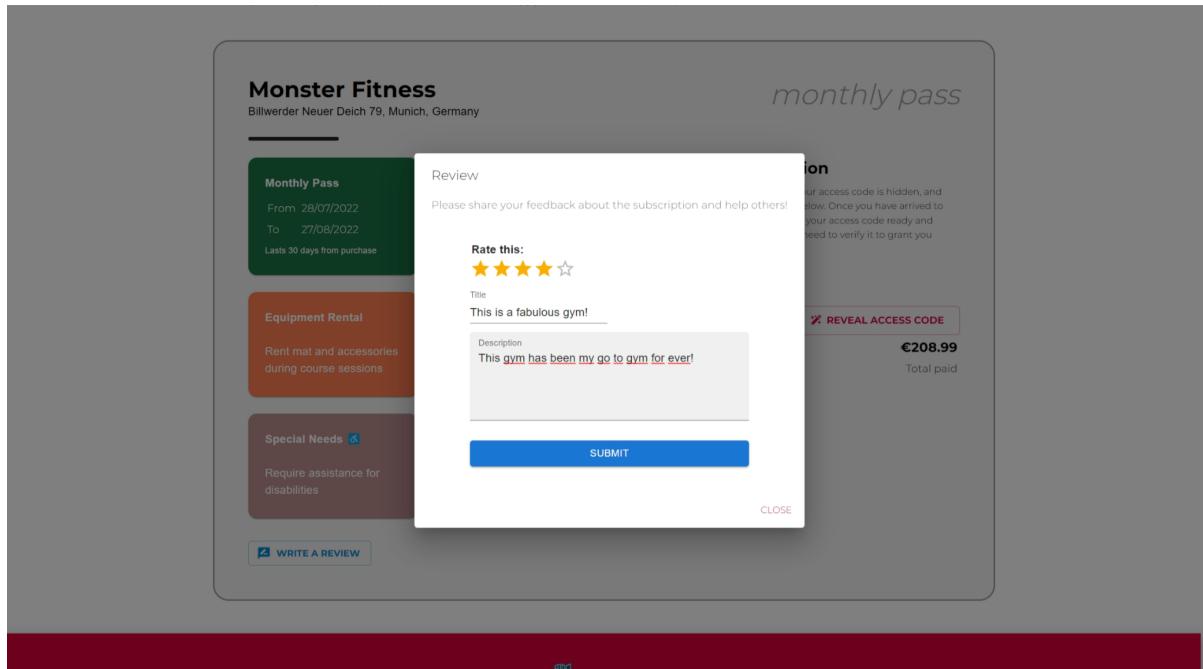
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Use Case 3: Review and Feedback System



Reviews

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Jul 19th 2022

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The personnel at the gym motivated me and assisted me to reach my fitness goals! They have great people working here!

 Sathwik
Jul 19th 2022

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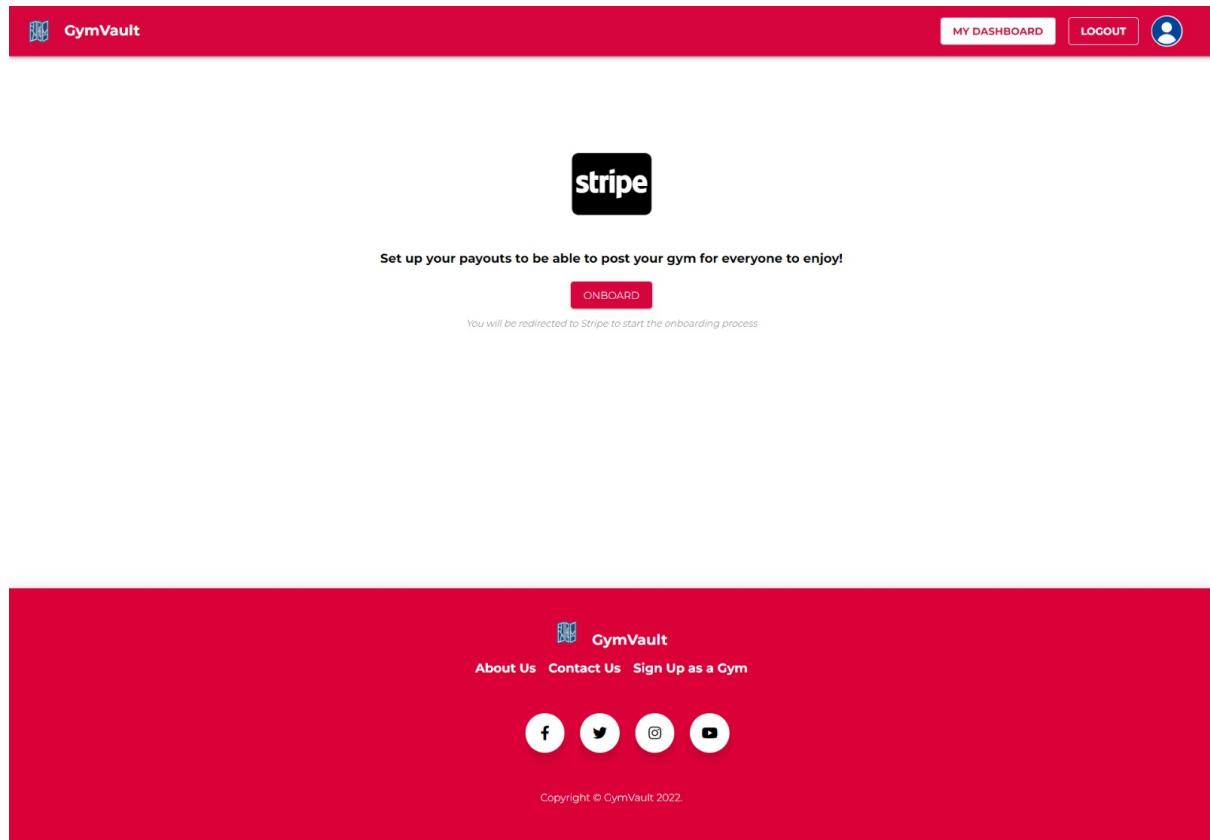


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Use Case 4: Onboard Gym Owner

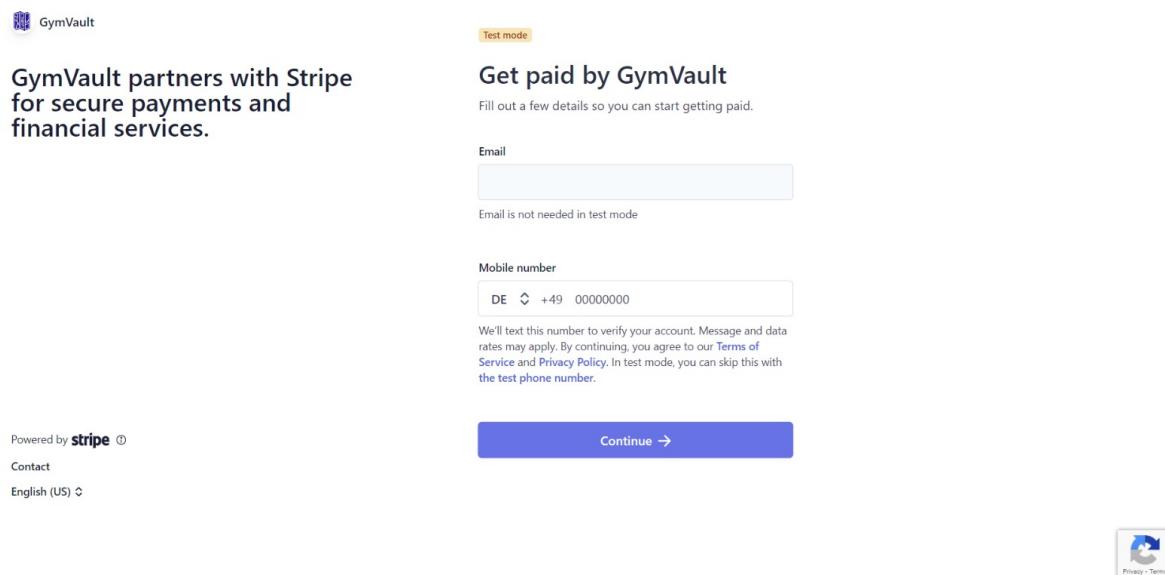


Set up your payouts to be able to post your gym for everyone to enjoy!

ONBOARD

You will be redirected to Stripe to start the onboarding process.

Onboarding Form



Test mode

Get paid by GymVault

Fill out a few details so you can start getting paid.

Email

Email is not needed in test mode

Mobile number

DE ☎ +49 00000000

We'll text this number to verify your account. Message and data rates may apply. By continuing, you agree to our [Terms of Service](#) and [Privacy Policy](#). In test mode, you can skip this with the test phone number.

Continue →

Powered by **stripe** ⓘ

Contact

English (US) ☰

Privacy · Terms



GymVault partners with Stripe
for secure payments and
financial services.

Test mode

Let's review your details

You're almost ready to get started with GymVault. Please double-check that this information is correct.

PROFESSIONAL DETAILS

Your website
<https://www.linkedin.com/in/mohamed1841998/>

PERSONAL DETAILS

Marius Schmidt

Born on December 12, 1980
Hanebergstraße
1
80637 Munich DE

Other information provided
ID document

Powered by **stripe** ⓘ

Contact

English (US) ⚏

PAYOUT ACCOUNTS

STRIPE TEST BANK EUR ✓
€ 110000000 c **** 4000

+ Add an account

By clicking Submit, you agree to the Connected Account Agreement, to receiving autodailed text messages from Stripe, and you certify that the information you have provided to Stripe is complete and correct.

Submit

Gym Add Page

CymVault

MY DASHBOARDS LOGOUT

Welcome onboard
Please enter your gym details to start!

Name: HerculesGym Address: herculesgym.de

Description: A great gym in the heart of Munich

Location
Where can we find you?

Address: Arcisstraße 21, 80335 Munich

Contact Info
How can customers and the GymVault staff reach you?

Email: test.owner@gmail.com Phone: +4915227377105

Subscriptions
What kind of entry tickets can your customers buy?

Day Pass Monthly Subscription Yearly Subscription

0,00 29,99 229,99

Courses
Sports classes that are offered separately from fixed subscriptions

ADD A COURSE

Pictures
Please enter the URL of the pictures you want to use on the right, see their preview on the left. Save right!

Picture URL (one at a time): <https://www.propertyfinder.de/property/428063329-180x654.jpg>

Offerings
What else do you offer to your customers?

Services (one per line): Save ADD AN OFFER

Location
Please mark on the map where your gym's location



All Done.
By clicking you confirm your agreement to our Terms of Service. This gym will be visible to the public immediately.

CREATE YOUR GYM

CymVault

About Us Contact Us Sign Up as a Gym

[Facebook](#) [Twitter](#) [Instagram](#) [YouTube](#)

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Use case 4: Gym owner dashboard

The screenshot shows the GymVault gym owner dashboard. At the top, there is a red header bar with the GymVault logo on the left, 'MY DASHBOARD' and 'LOGOUT' buttons in the center, and a user profile icon on the right.

The main content area features a card for 'HerculesGym' showing a house icon with a dumbbell, 1 active subscription, and a 'MANAGE EARNINGS' button. Below this, there are two buttons: 'MANAGE EARNINGS' and 'DISCOUNTS'. A note below the buttons says 'You will be redirected to your Stripe Connect dashboard' and 'You can add discounts to your gym's subscription here'.

At the bottom, there are two circular cards: one for 'Available Balance' (0 EUR) and one for 'Incoming Balance' (26.99 EUR). The footer is red and contains the GymVault logo, links for 'About Us', 'Contact Us', and 'Sign Up as a Gym', and social media icons for Facebook, Twitter, Instagram, and YouTube. It also includes a copyright notice: 'Copyright © GymVault 2022.'