

Healthcare Case Studies

Use Cases, Capabilities and Examples

Use Cases



Digital Health Records



Cost saving



Interoperability



Remote Monitoring



Patient Management



Predictive Modelling



Dashboards and Data Acquisition



Bottleneck identification and remediation



Root cause analysis



Enhanced planning efficiency



Increased operational efficiency



Issue identification

Bringing Capabilities like



AI/ML



Automation



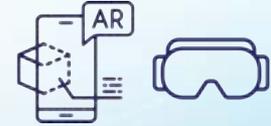
Web & Mobile Apps



System Integrations



Data Intelligence



AR and VR

Case Studies





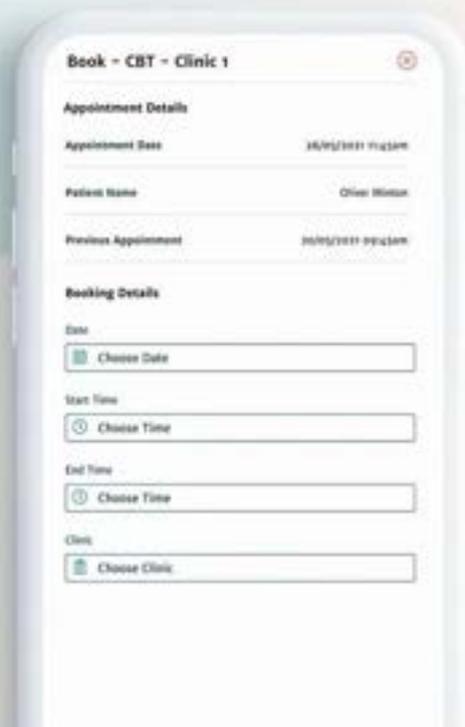
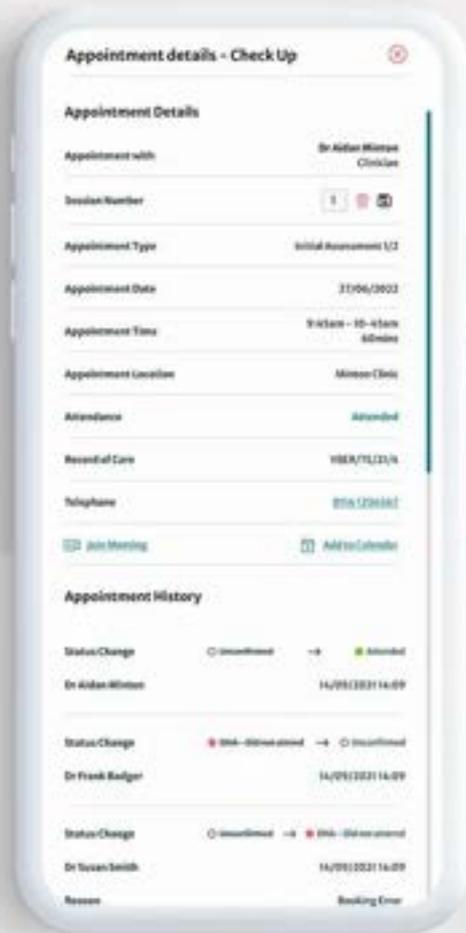
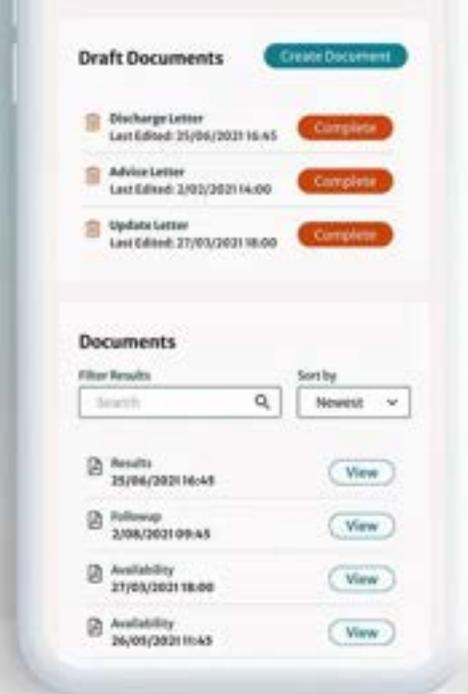
Health Partners, a rapidly growing occupational health provider, needed to move faster to offer exceptional services to its customers and patients.

Duradiamond, the original name for Health Partners, was acquired by serial entrepreneur, Andrew Noble, along with all the historical technology. With an internal team and a lot to do, we were brought in, initially to resolve some key difficult challenges and then to accelerate the delivery of their foundational occupational health platform.

Our engagement formed part of the most difficult aspects of a legacy project, moving forward whilst clearing decades of technical debt without disrupting the core services and business operations. This was compounded by the sensitive nature of the data and the scale of the data and systems.

Capabilities

- Strategic consultancy
- Integration with existing systems
- Cloud Development
- Software Engineering





Care Record – VWTE/TE/21/1, Aidan Minton, 25/06/1890

Appointments

Previous Appointments

Initial Assessment

Appointment Date

06/06/2022 14:50

Appointment Location

8 Enfield Road, Eccles, M30 9NF

Type

In Review

View Care Record

Initial Assessment

Appointment Date

25/06/2021 14:50

Appointment Location

8 Enfield Road, Eccles, M30 9NF

Type

CBT Appointment | Remote

View Care Record

Initial Assessment

Type

Consultation

View Care Record

8 Awaiting Booking

Treatment

8

10 of 16

Appointment

Case Type

Appointment Type

021 11:45

Referral

Face to Face IMA | Clinic A

View





"You're in safe hands with Razor. Their ability to deliver high-quality results at pace has made them the ideal strategic partner for Health Partners. It's great to see the passion that goes into each project and the dedication to creating innovative and quality solutions. It makes me excited about our shared plans and future possibilities."

Andrew Noble
Managing Director







During the height of the COVID-19 pandemic, governments worldwide mandated stringent and validated negative COVID tests for travelers. This requirement created an urgent demand for reliable and rapid testing solutions. Health Partners identified a significant opportunity to meet this demand but needed a scalable, automated platform to deliver quality testing swiftly.

Leveraging our existing relationship with Health Partners, Fulcrum Labs was tasked with developing a comprehensive testing platform within an extremely tight timeframe. From concept to first customer in under five weeks, we successfully launched Apollo COVID Testing.

As the pandemic subsided and the need for travel-related COVID tests diminished, Apollo Testing was decommissioned. However, the success of the platform highlighted its potential for alternative testing applications in the future. Fulcrum Labs demonstrated its ability to rapidly deploy a high-quality, scalable solution in response to an urgent public health crisis.

Platform Capabilities:

- **User-Friendly Interface:** Customers could effortlessly create accounts, make payments, receive and register testing kits, and post them back, all through a seamless process.
- **Rapid Results:** Our platform ensured that customers received their test results faster than any other provider, giving them peace of mind and enabling timely travel plans.
- **Automation:** To achieve unparalleled speed and efficiency, we automated labor-intensive tasks. Deep integrations with postal services and testing labs eliminated the need for manual intervention, allowing the Apollo team to focus on strategic initiatives.

Results:

- **High Customer Satisfaction:** Apollo Testing received an "Excellent" rating of 4.5 out of 5 on Trustpilot, with over 3,000 positive reviews. This high rating reflected the platform's reliability, speed, and user-friendly experience.
- **Scalability and Efficiency:** The automated processes and robust integrations ensured the platform was scalable, handling high volumes of tests without compromising on quality or speed.







P3RFORM is an elite level coaching company and wanted to enter the Health and Fitness market with an all in one Health and Fitness platform.

With a proven track record of working with a wide range of athletes including Premier League and F1 teams. GCP is working with large corporate clients to offer their employees tools to improve their overall health and fitness.

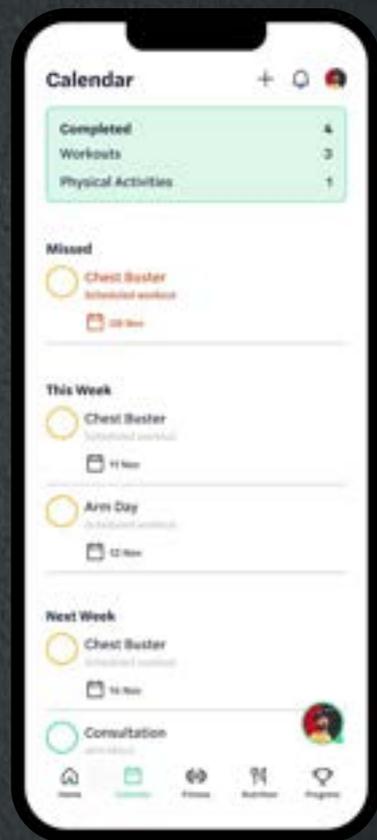
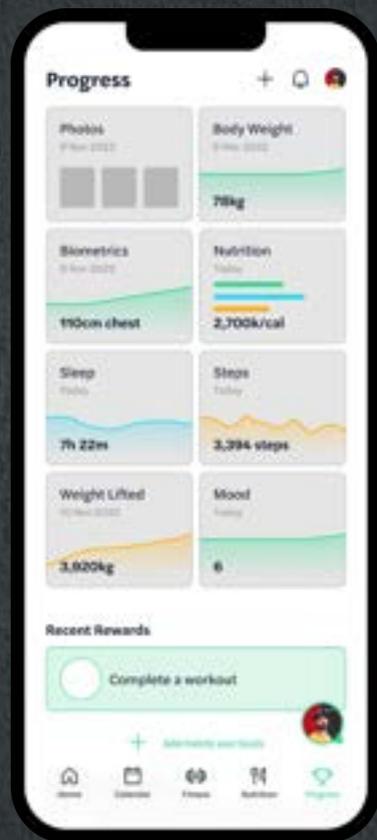
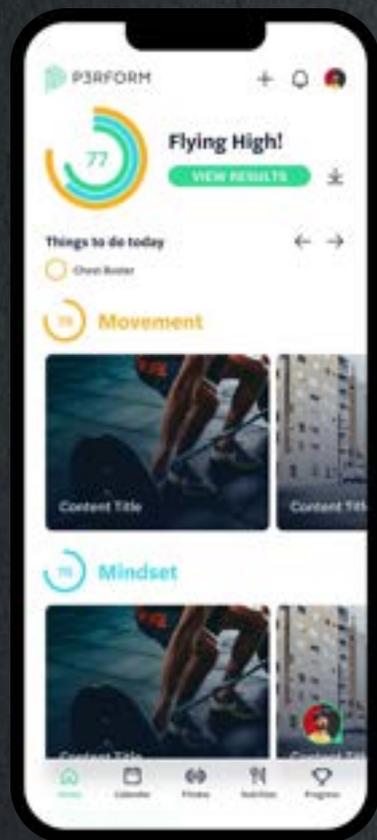
REYTs role on this project was to create software that caters for both athletes and employees and gives them a place to see all their data, and health improvement and have tools to improve.

Platform Capabilities:

- **Customisable Questionnaire:** Each client can have a different set of questionnaire that will inform there level of service and resources that are displayed inside the app.
- **Notification Chains:** Personalisation is at the core of the platform, notification chain allows the admins to create drip campaigns using SMS, Email or Push Notifications as delivery mechanisms
- **Wearable Technology:** A range of wearable devices and systems are integrated into the platform that each provide real time data insights.

Capabilities:

- **Mobile Development**
- **Web Development**
- **Strategic Consultancy**
- **App Store and Cloud Management**
- **UX/UI Design**



Home

Companies

Coaches

Clients

Messages

Calendar

Library

Questionnaires

Complex Flows

1500

Invites

823

Signups

617

WBC's Completed

SEND REMINDER



Movement



Mindset



Lifestyle

Today's Appointments

11 Nov 2022

Consultation with Bill Smith

9:00 AM

Consultation with Steve Jones

12:30 PM

Consultation with Lisa Davis

4:00 PM



Mitch Ryansford

Game Changer Performance

mitch.ryansford@gamechangerperformance.co.uk

01223 456 789

Recent Activities

11 Nov



James Wilson completed 11 Nov 2022 with 100% of 1000 WBC's completed. James and I were pleased with...



Andrew Smith completed a goal...



Steve Morrison added a Program update...



James Wilson completed a flow action plan to be 100% done...



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“Working with Fulcrum Labs has been great. From day one they have been superb to work with and ultimately professional in the approach to how they deliver. We are excited at what the team have built for us and look forward to working closely with them over the coming years as our business continues to grow”

Jake Keeling
CEO





Exciting Instruments



Exciting Instruments

Exciting Instruments is revolutionising the field of single-molecule spectroscopy with a mission to democratise this complex technology. By making it accessible to the masses, they aim to accelerate foundational research and unlock groundbreaking advancements in early cancer diagnosis and neurodegenerative disease treatment.

This tall task is being realised by developing a microscope, the EI-FLEX, that can verify protein structures, explore protein conformational landscapes and understand binding and diffusion.

The EI-FLEX microscope is now a game-changer in research labs across Europe and the United States. Researchers are leveraging its capabilities to make significant strides in understanding and diagnosing complex diseases.

Our partnership with Exciting Instruments was multifaceted and transformative:

- **Incubation and Acceleration:** Fulcrum Labs provided the essential support to accelerate the company's development as a spin-out from the University of Sheffield. Our incubation program offered the resources and guidance needed to transition from a promising concept to a viable business.
- **Software Development:** We played a critical role in developing the sophisticated software that powers the EI-FLEX microscope. This includes the control systems, data capture and processing algorithms, visualizations, and the cloud-connected data platform that ensures seamless data management and accessibility.



Exciting Instruments

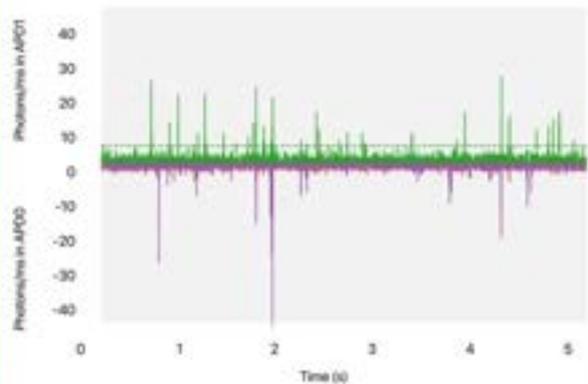
Experiments



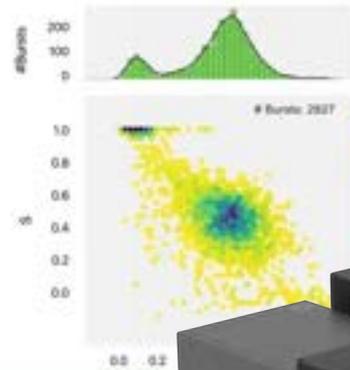
1BX

Experiment length 11 minutes on the 12/12/21 12:23

Time Trace



All Photons ES



ES Histogram

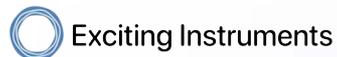
Alternation





"Working with Fulcrum Labs was a critical element of our early commercialisation journey. In the face of startup uncertainty and inherent technical complexity (we're measuring the distance across single molecules after all!) the team at Fulcrum Labs acted with urgency, flexibility and professionalism to enhance our data acquisition and edge processing capabilities and develop our cloud data analysis and visualisation platform. If you're looking for a team that can take a collaborative approach to solving difficult usability and technical challenges, look no further!

Robert Bell
CEO



**Sheffield
Hallam
University**

Advanced
Wellbeing
Research Centre

A project working in collaboration with Sheffield Hallam University's Advanced Wellbeing Research Centre and Westfield Health to help women in midlife stay active.

The Advanced Wellbeing Research centre saw a need following a previous research study to create a mobile application that would aid women mid life maintain a health lifestyle. Strength and conditioning exercises are crucial for maintaining good health, especially as we age. However, many women in midlife may not have access to the necessary resources or knowledge to perform these exercises effectively.

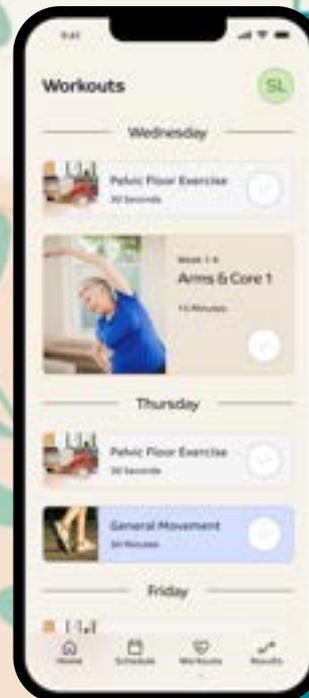
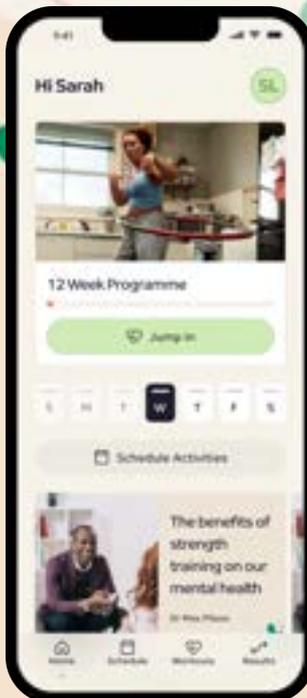
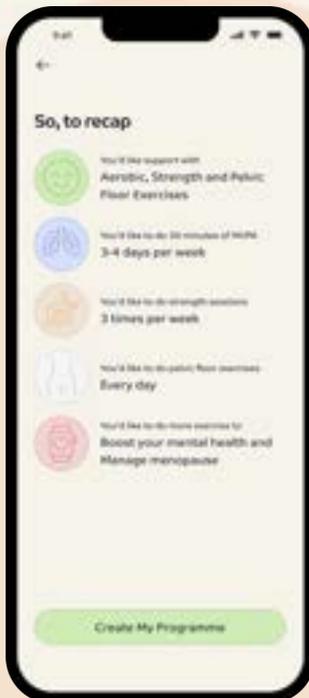
This project aims to address this gap by providing a user-friendly proof of concept that guides women through strength and conditioning workouts tailored to their individual needs. Through a co-design approach we designed, development and validate the viability for the application.

Platform Capabilities:

- **Personalised Programme and Resource:** Each client has a different training programme based on their unique skill sets.
- **Impact Measurement:** A comprehensive dashboard that show the impact the programme is having.
- **Scheduling:** Each client has the ability to schedule their programme when they need to.

Capabilities:

- Mobile Development
- Strategic Consultancy
- App Store and Cloud Management
- UX/UI Design



prismmedicaluk



a prismhealthcare company

Prism Medical, a manufacturer of moving, handling and bathing products frustrated with the limitations of its existing digital system looked to Razor to develop a custom extension to unlock efficiencies in their production process.

Integrating with the legacy, complex and undocumented data store, a simple user interface was created for operators to interact with, displaying what they needed to see and capturing feedback data from the shop floor.

Although only a small extension to the existing system, it caused an increase in throughput of products made due to the ability to plan more efficiently and works orders were made in the right order ensuring happy customers.

Data captured from the production line fed back into the management system helped inform future planning and forecasting decisions - a step in the direction of data driven factory.

[Go back](#)

Hoists, TX

 You're viewing
[< 09/01/2024 >](#)

Parts

Worstershire County C... QTY: 1
Prism CP200 FSG/TPEF

SALES NO. WORK NO.
 1808390

EXPECTED DATE ESTIMATED DUR.
 13/11/2023 00:59

Sarah Lloyd QTY: 2
SPREADER BAR FOR 3...

SALES NO. WORK NO.
 1810079

EXPECTED DATE ESTIMATED DUR.
 20/11/2023 00:00

Hershaws Soc. for Blind ... QTY: 1
Swivel Trolley set

SALES NO. WORK NO.
 1809976

EXPECTED DATE ESTIMATED DUR.
 20/11/2023 00:00

Eagle sales orders withi... QTY: 1
BACK COVER ASSY (P...

SALES NO. WORK NO.
 1809579 755966

EXPECTED DATE ESTIMATED DUR.
 30/11/2023 00:00

Work order details

STATUS In Progress	QUANTITY 1 DURATION 00:00 (1488:33)	CUSTOMER Hershaws Soc. for Blind People VALUE £50.00	WORK ORDER SALES ORDER 0000001809976
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Parts required

Part code	Part description	Due date	Quantity
1002TRSETSWITPTA	Swivel Trolley set	20/11/2023	1

Operator actions

Pause

Complete