

Telehealth

Platform Accelerator for
Patients Management System

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Patient Management System

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Value Proposition



Patients

The therapeutic plan is integrated into daily routine

Multiple channels for communication with physician

Modern seamless experience

Deep personalization of therapeutic plans



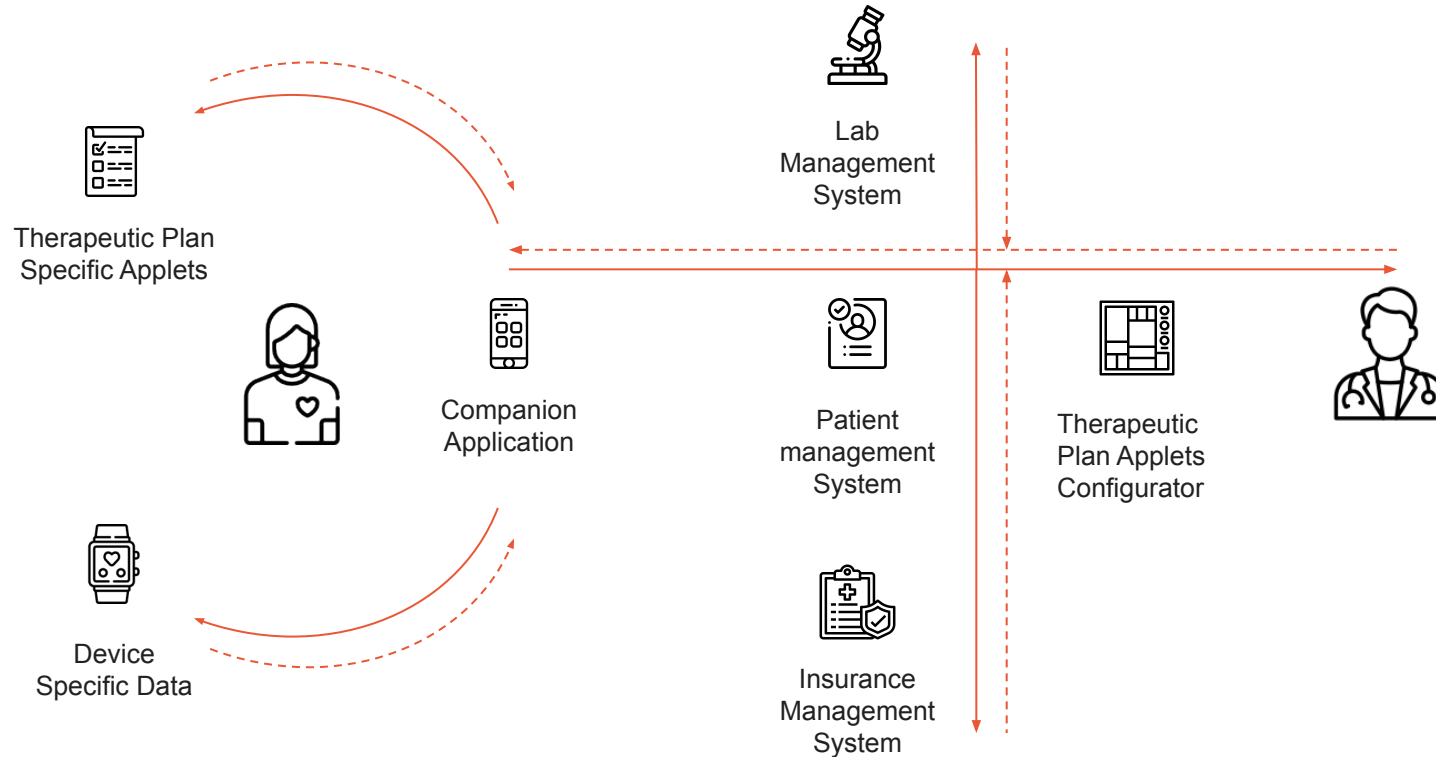
Physicians

Accelerating the process of therapeutic plan adjustment taking into account patients specificity

Reducing time required to make diagnosis

Reducing the number of actions for obtaining test results

High Level Use Case



How it helps

Patient Centric Ecosystem

Software ecosystem with main focus on the patient needs. It keeps patients motivated to adhere to their care plans.

Patient Motivation

Personal progress tracking and awards program motivates patients to adhere to their care plans.

Contactless

Facing modern health challenges, introducing 100% contactless capability for safety and convenience

Private and Secure

Executing HIPAA compliant security protocols as well as eliminating unnecessary paper copies of sensitive data which could be lost, forgotten or misused.

Accessible

Cross-platform, easy-to-build framework that utilizes common technologies.

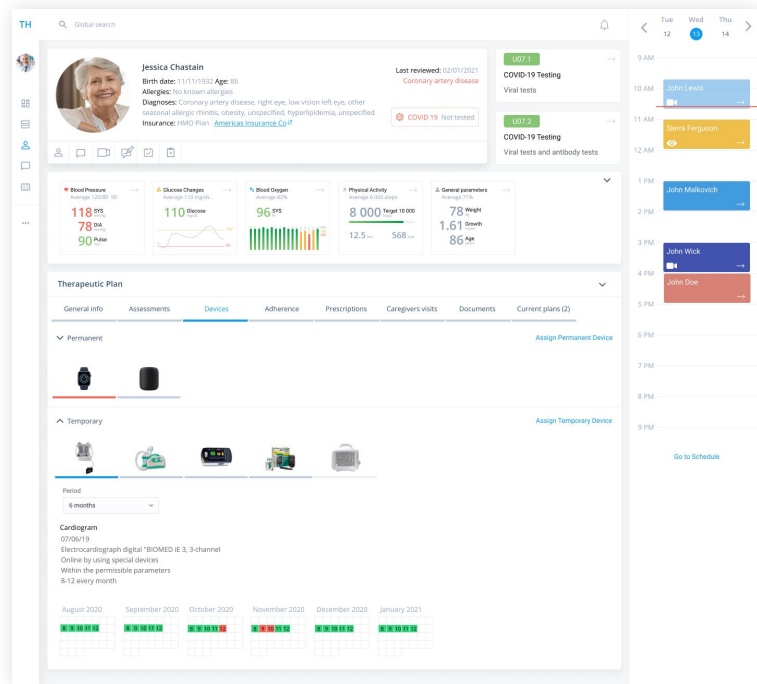
Ongoing health control

Integration with wearable devices allows physicians to monitor the patient's health state between their visits and quickly react in emergency cases.

Modular

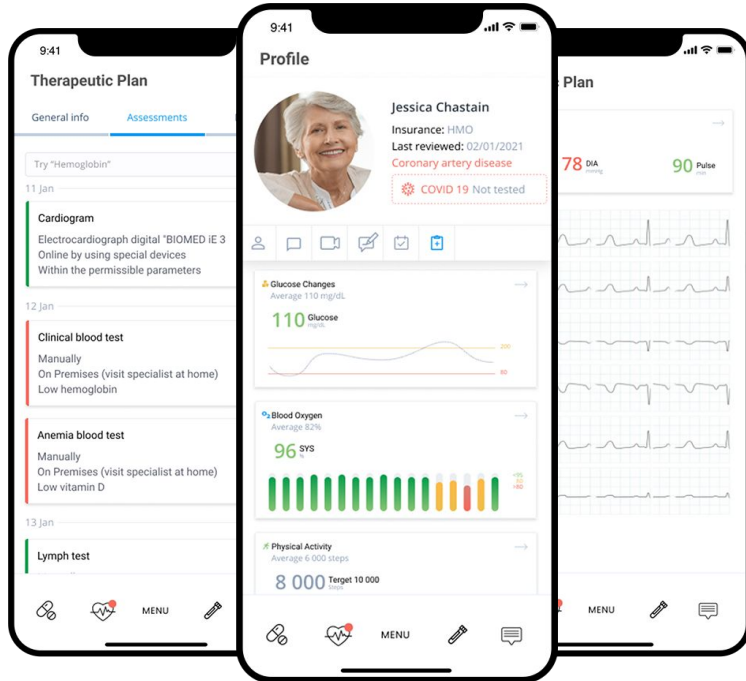
Small modules that can be combined in a different shape and order to satisfy various therapeutics.

Patient Management System Portal



Application for physicians helps to monitor patient's health condition, adapt their care plan on the fly and simplify communicate during a long-term chronic disease healing path.

Patient Companion Application



Patient companion application helps to adhere to the therapeutic plan. It seamlessly integrates into personal schedule. It also clarifies the communication with the physician and minimizes hospital visits for patient safety.

Data Sources (Connected Devices)



Data from different specific wearable devices is gathered automatically. It allows physicians to monitor patient's health in a long term.

Cloud Infrastructure



Companion
Application



Connected
Data Sources



Patient
Management
System



Lab
Management
System

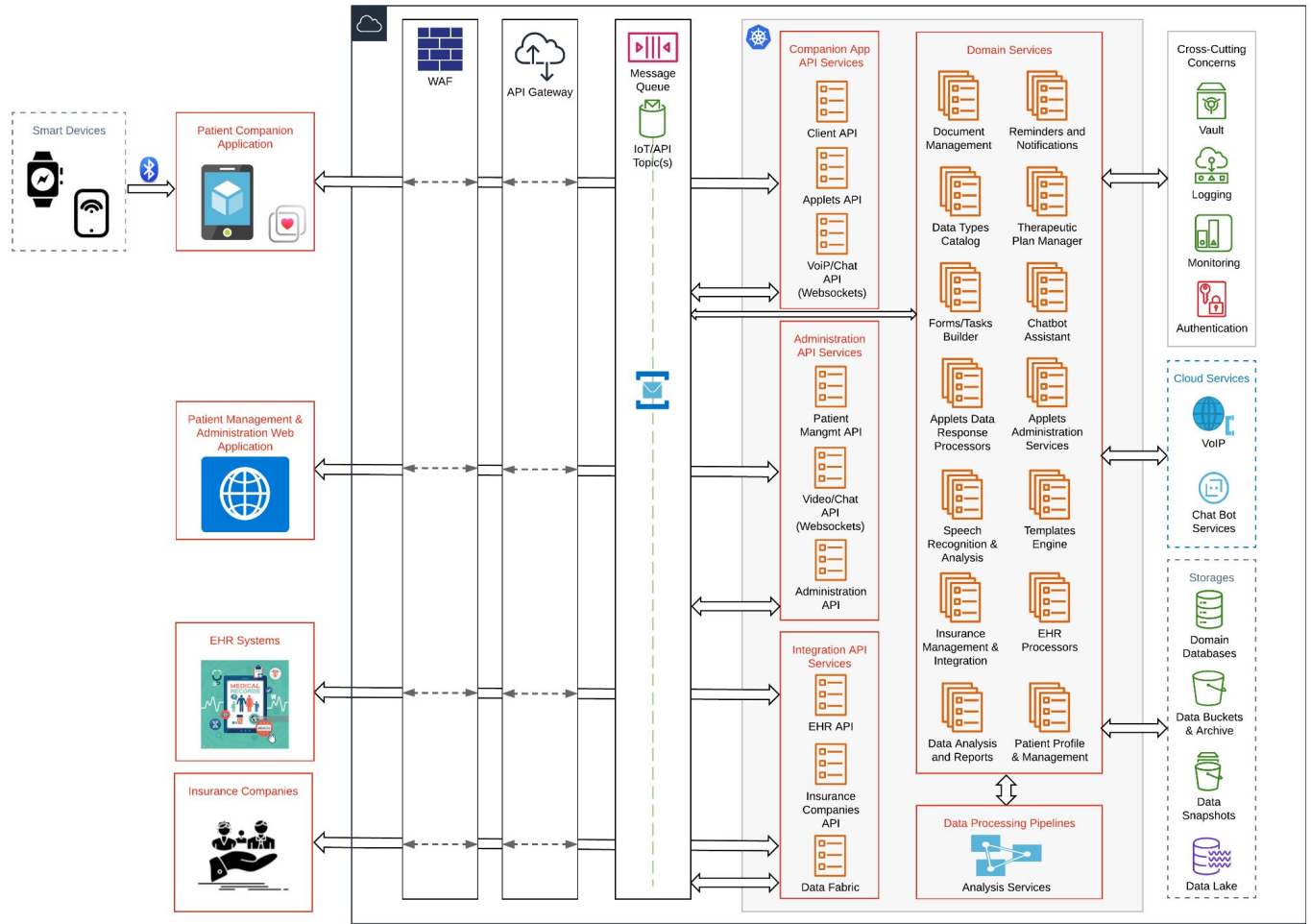


Insurance
Management
System

Seamless integration of components and capabilities is achieved through cloud-based infrastructure, which enables both scale and flexibility.

Cloud Architecture

Seamless integration of components and capabilities is achieved through cloud-based infrastructure, which enables both scale and flexibility.



Patient Management System Portal Figma prototype

You can find [here](#)

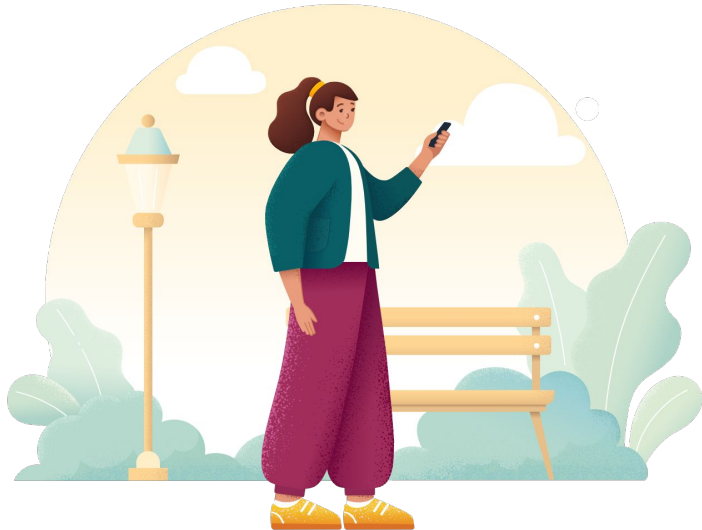


Mobile Application ShowCase Scenario

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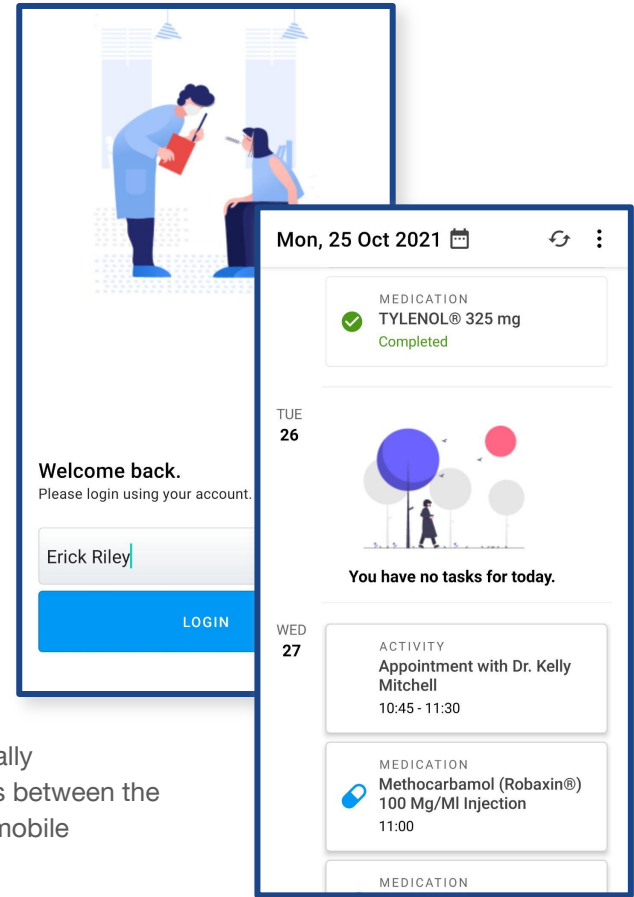
Patient sees health-related events

Patient opens the Companion Application and sees the list of health-related events in the Events list view - appointments, medication intake reminders, tasks to go to a pharmacy for prescribed medications, etc.



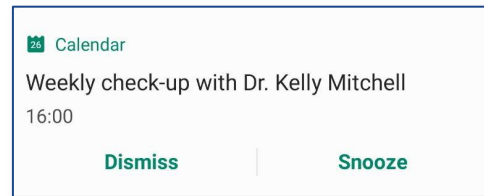
Online sync

The system automatically synchronizes all events between the clinic system and the mobile application.



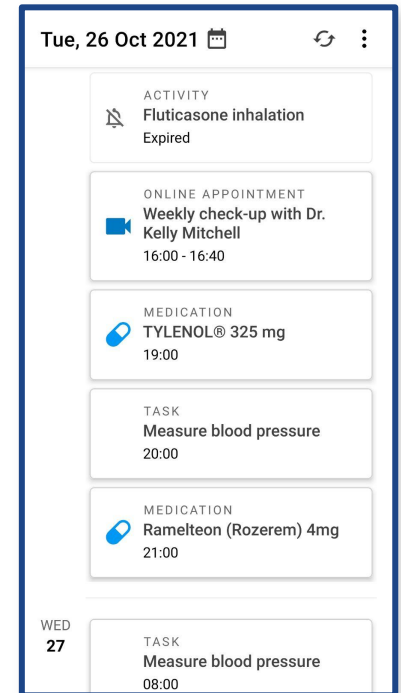
Patient receives calendar notifications

Companion Application syncs events with a mobile phone calendar and the patient receives notifications about scheduled activities through the day.



Calendar sync

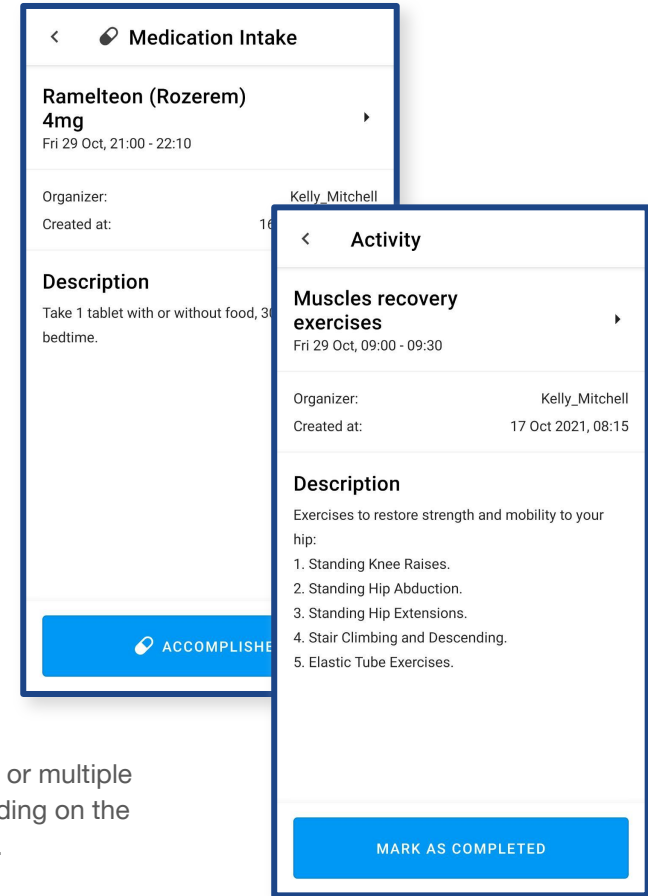
The system automatically synchronizes all events between the mobile application and the default mobile calendar.



Patient confirms a medication intake or health-related activity completion

Patient receives a notification to take medication or do a health-related activity.

Patient confirms or declines in the application that it was accomplished.



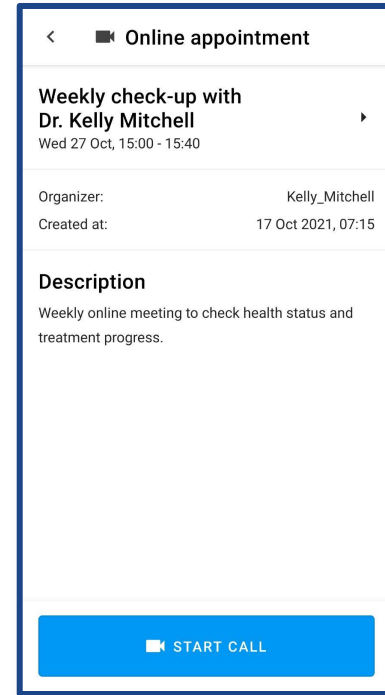
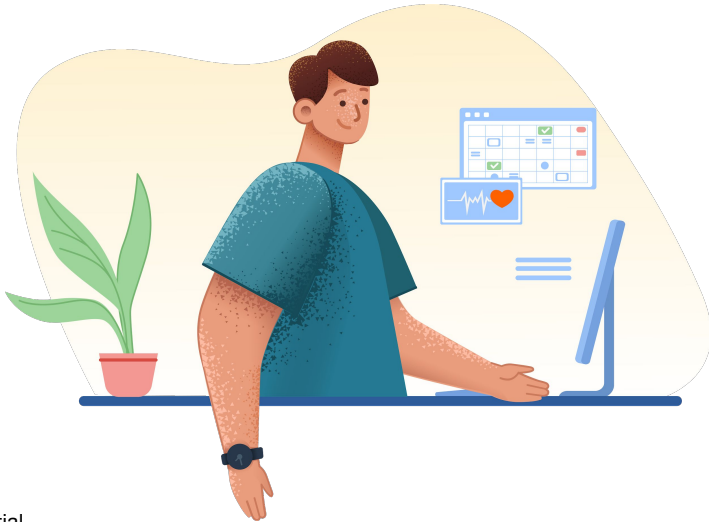
Multiple medications

One event can have one or multiple medications in it, depending on the specific treatment plans.

Patient joins online appointment call

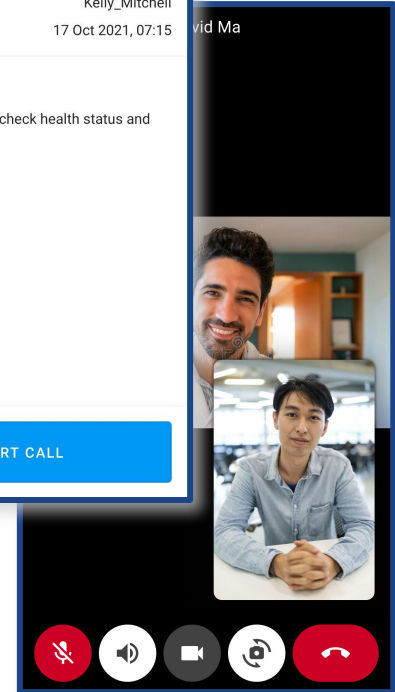
Patient opens an Online appointment scheduled event and joins the video call.

Doctor opens the same appointment from the clinic web portal and provides online consultation.



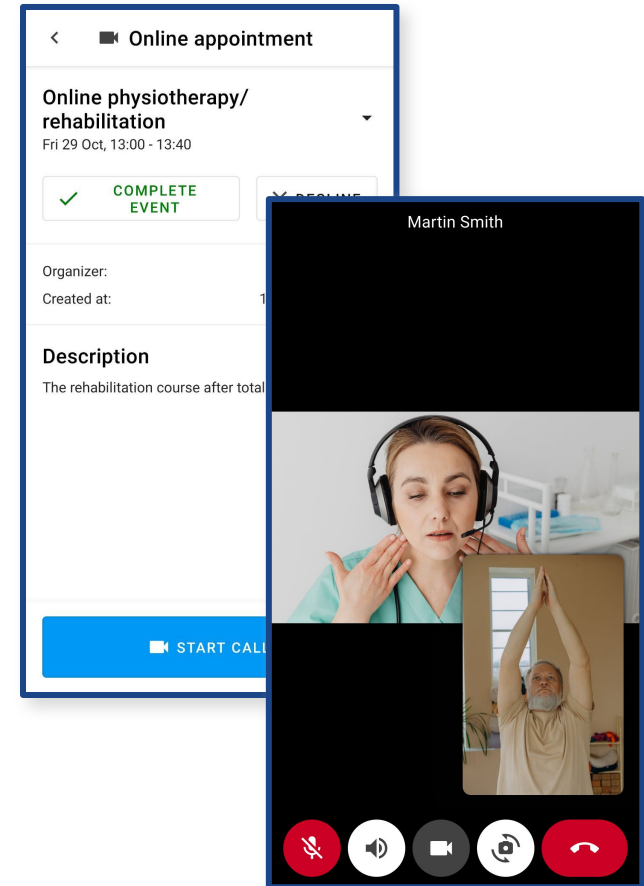
Video Calling

Reliable video communication serves as a complete substitute for a site visit.



Online appointment use cases

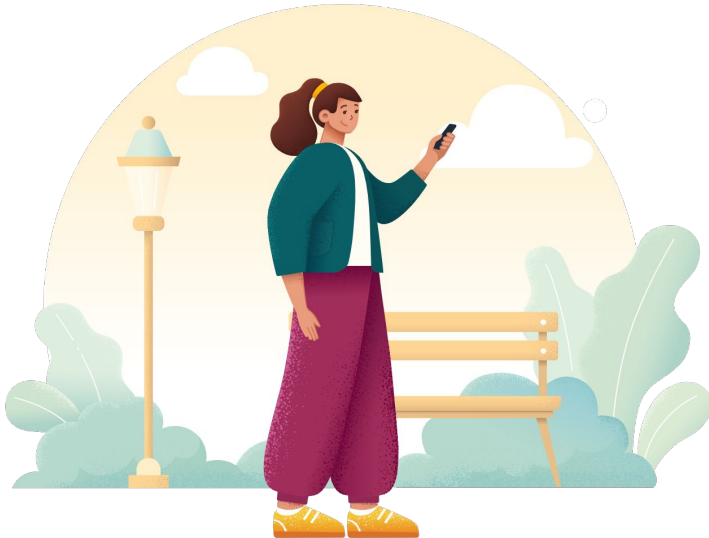
- Remote surgery consultation
pre- and post-op surgical consultations, monitoring of wound healing
- Remote physiotherapy/rehabilitation
demonstration how to perform exercises, check in to assess progress
- Remote nursing
monitor basic health level, help with simple and urgent cases, routine pre-hospitalization and post-hospitalization care



Patient receives prescribed medicine


Patient automatically receives a scheduled event to buy prescribed medication when it is prescribed by a doctor.

Patient has all needed information in the event description, including the barcode that needed to be shown in a pharmacy.




Prescription expiration reminders

Patient will see how many days left to go to a pharmacy before the prescription expired.

<  Prescription

Albuterol Sulfate 90 Mcg 19d LEFT

17 Oct 2021 - 15 Nov 2021

 [SHOW SCANNABLE CODE](#)

Prescription ID: QWxidXRlcm9sIFN1bGZhdGUgOTAgTWNn
Organizer: Kelly_Mitchell
Created at: 17 Oct 2021, 08:15

Description

180 mcg (2 puffs) every 4 to 6 hours as needed. Do not exceed 12 puffs/day. At severe episodes: 4 to 8 puffs every 20 minutes for up to 4 hours, then 4 to 8 puffs every 1 to 4 hours as needed.

[MARK AS COMPLETED](#)

Pharmacy processes e-prescription

Doctor prescribes medicine and puts an order to a pharmacy. Pharmacy automatically receives a task to prepare a prescribed medication (*note: pharmacy flow is out of scope*).

Both the patient and the doctor see the e-prescription order progress and information about the delivery status in the event details.



Prescription order status

Doctor can see the actual status of the prescription, e.g. Processing, Out for delivery, Completed, Cancelled.

< Prescription

Meloxicam 60 Tablet of 15mg 26d LEFT
23 Oct 2021 - 22 Nov 2021

Delivery ▾

Delivery status: Waiting for pick-up

Delivery operator: UPS

Shipping address: 2166 Stonepot Road Rochelle Park NJ 07662 USA

Notes: Delivery time and date will be given when the order status changes to 'Ready for pick-up'.

Order ▾

Order status: Processing

Order ID: 21525-198

Pharmacy: Walmart Pharmacy

Address: 845 Bridge Street Tulsa OK 74120 USA

Phone: 918-848-4705

Working hours: Open 24/7

Organizer: Kelly_Mitchell

Mobile Application Figma prototype

You can find [here](#)

THANK YOU