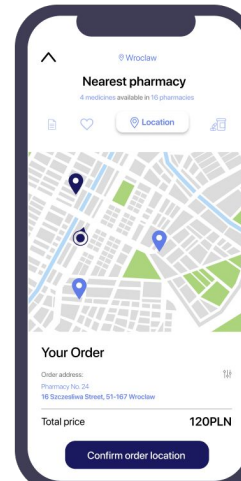
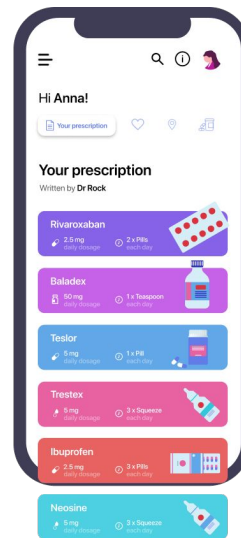




Pharmacy of the Future.

Concept developed as a part of Divante Innovation Lab.



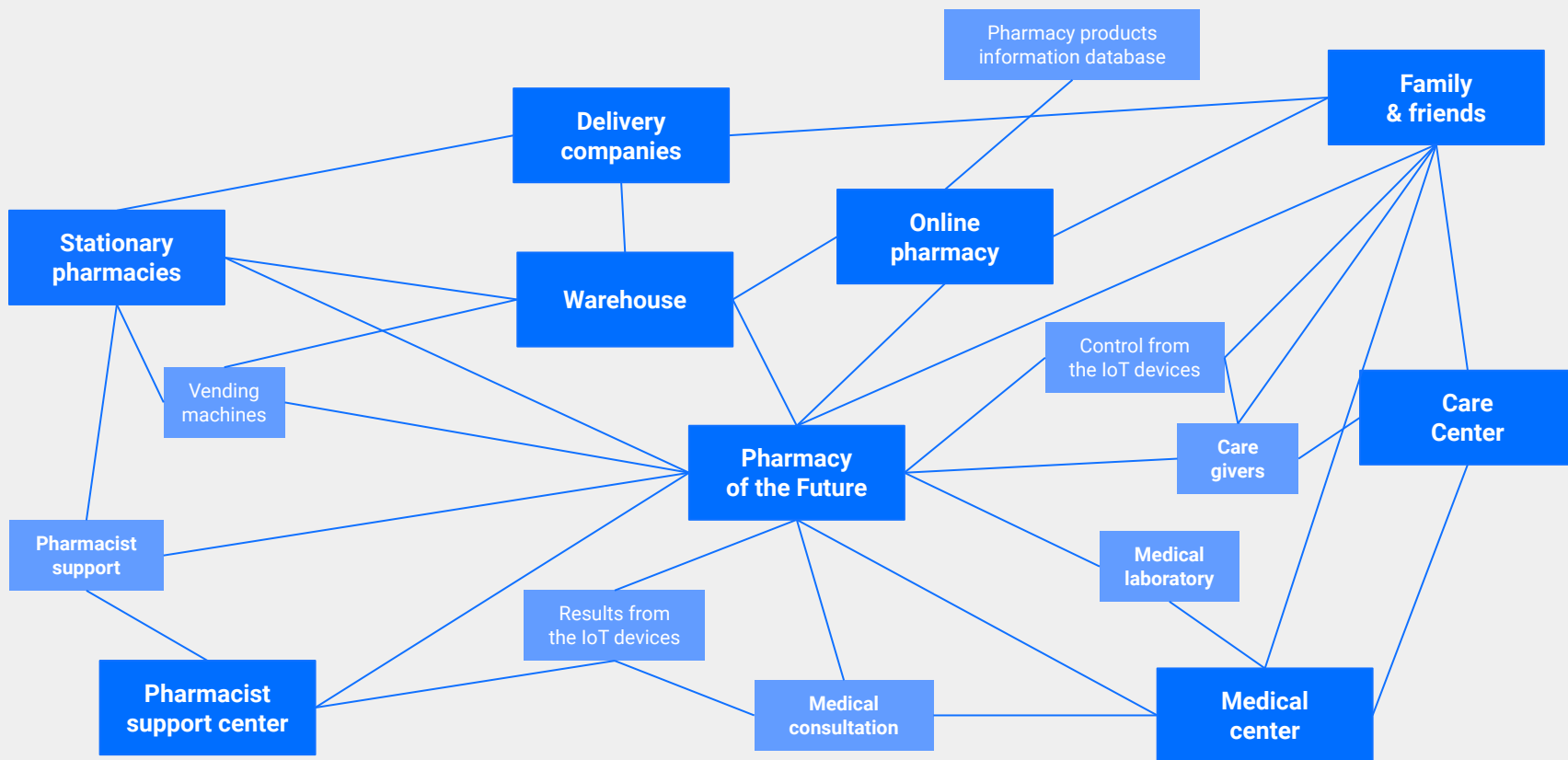


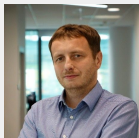
Modern solutions for eCommerce can change the pharmacy sector as we know it. Trending solutions like AI, AR, IoT, and same-day delivery create a complementary environment supporting considered and effective treatment.

Discover the Pharmacy of the Future from the user's perspective.



Complex ecosystem





“The right combination of pharma know-how, easy accessibility to pharmacare and products, and convenience provided by new technologies can have a significant impact on the whole healthcare value chain and patient welfare. Online technologies and IoT can help in getting the right pharma products, services, and consultations immediately, on-demand, and via the most suitable channel.”

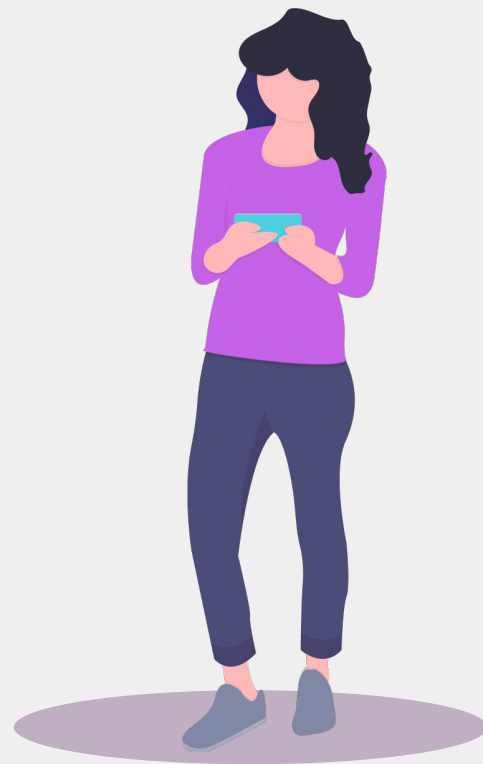
Patryk Dolewa, CIO Gemini Polska



Meet Anna.

Anna is a 30-year-old call center employee with diabetes. Each day she has to check her blood sugar level, eat balanced meals, and take the insulin upon which she is dependent.

Anna recently caught a cold.

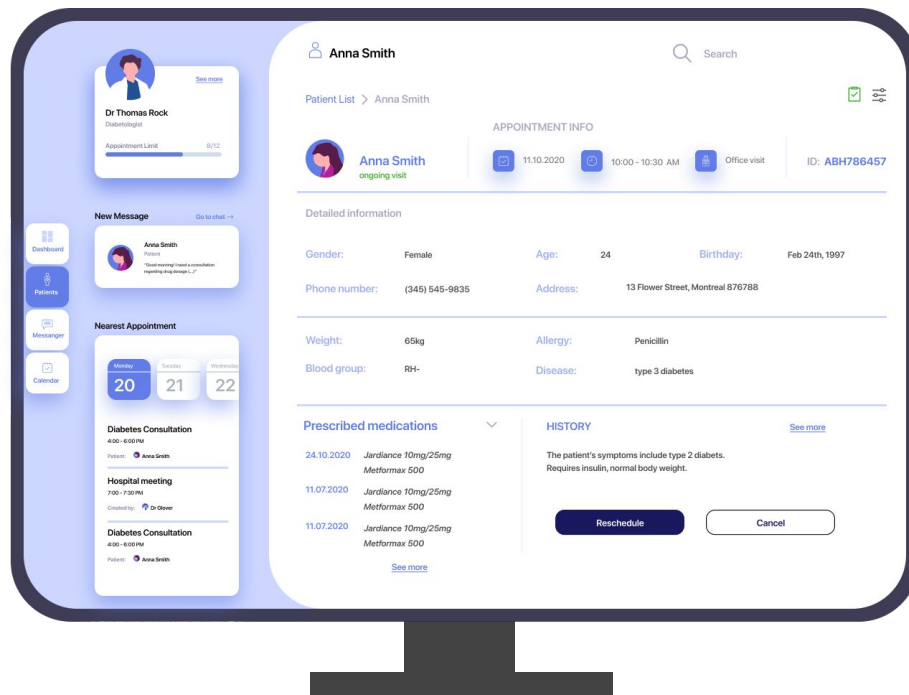




How does it work?

Anna goes to the doctor.

The POTF app, integrated with the medical center system, tells the doctor all details of her existing diabetes treatment and helps to pick the right drugs for the cold. The new treatment is saved in the app.



Based on the following technologies:
HumanAPI / Validic / Azure for FHIR (Health Cloud)





How does it work?

On the way home, Anna goes to the pharmacy store.

Anna buys the prescribed drugs. The store's app, which is aligned with the pharmacy's own system, updates the patient's drug supply along with the quantity and best-before date.

The queue is short as other patients pick up their orders from the vending machine.

Based on the following technologies:

National Prescription Evidence / Drug relations database / Internet of Medical Things / Azure IoT Hub



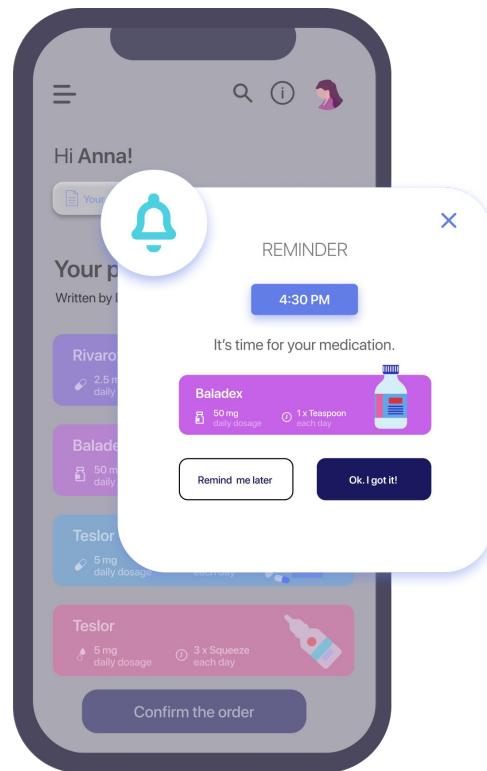


How does it work?

Anna stays at home to get well.

At the right time, the POTF app reminds Anna to take prescribed drugs, mark this action in the app, and check things like her temperature.

Based on the following technologies:
Progressive Web Apps / IoT / Push Notifications / WebNFC





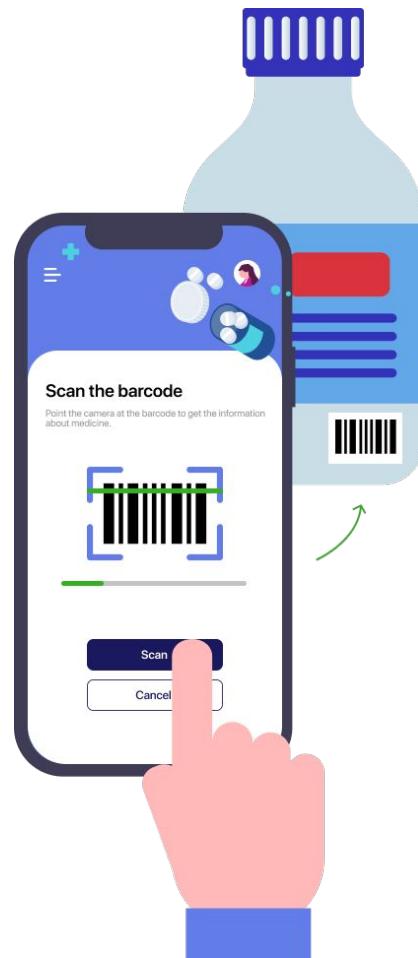
How does it work?

Anna wants more details about the new medicines.

She scans the medicine packaging with the POTF app and instantly gets comprehensive information about the drug, possible replacements, and potential reactions with other drugs that she takes.

Based on the following technologies:

BarCode scanner / WebNFC / Drug relations database
(graph database)



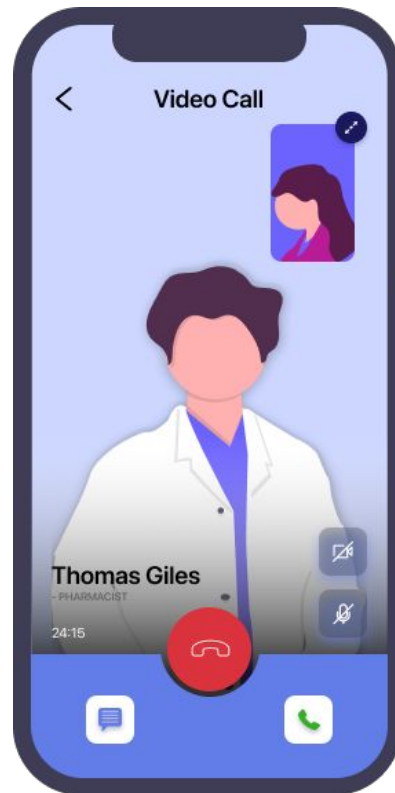


How does it work?

Some side effects appear.

Anna feels some abdominal pain and wonders if it is a side effect of the new treatment. She uses the POTF app to consult with her pharmacist in her preferred way, by video call.

Based on the following technologies:
Sales Meeting Hub / 3drd parties





How does it work?

Daily control of diabetes.

The app also reminds Anna about checking her blood-sugar every morning and evening. She uses a smart device integrated with the POTF app. All results are saved in the app and available to her doctor.



Based on the following technologies:

Push Notifications / Recommendation Engine /
Personalised Content / Data Driven UX

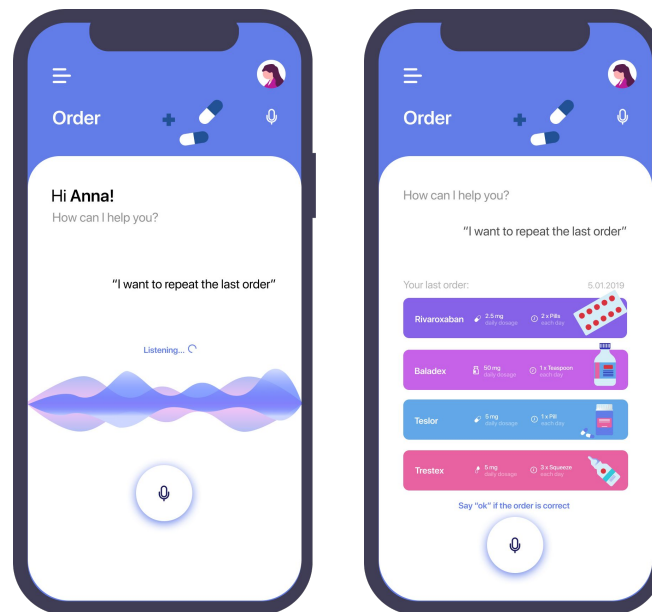


How does it work?

End of insulin stock.

Anna's insulin ends but she is still sick and cannot leave home. She reorders insulin by asking her voice assistant to repeat the last order. The order and delivery details are visible in the app.

Based on the following technologies:
IoT / Push Notifications / WebNFC





How does it work?

Same day delivery.

Anna marked that she needs the insulin supply the same day, and so the app communicates with a local courier company and makes sure she gets the new insulin stock in just a few hours.



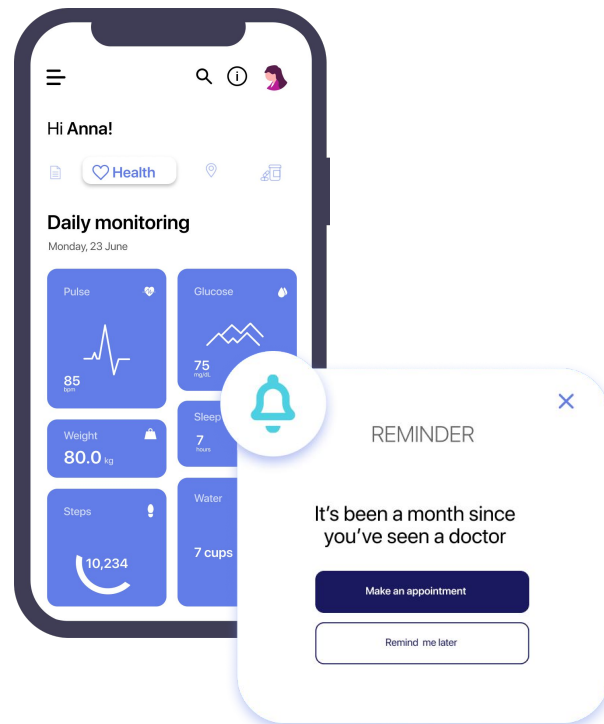
Based on the following technologies:
REST API integration with local delivery companies



How does it work?

Periodic results control.

Along with the new insulin stock, the app suggests Anna goes for blood tests. It communicates with the medical center system and suggests available dates.



Based on the following technologies:
Push Notifications / Recommendation Engine /
Personalised Content / Data Driven UX



Pharmacy of the future.

Pharmacy of the Future is how we imagine a perfect pharmaceutical system. Divided into multiple products and services, it becomes a complementary and flexible set of tools for various players at the intersection of the pharmaceutical, medical, and other related sectors.

All of these elements are centered around the patient.

The Pharmacy of the Future concept has been designed and developed in the [Divante Innovation Lab](#).



“Pharmacy of the future is an excellent direction for building completely new customer experiences. Such experiences, which facilitate the patient's purchases and treatment, will ensure a significantly higher level of patient safety. What is equally important, is that they reduce some of the costs occurring in the current patient service model.”

Piotr Szawiec, Customer Experience Expert at Quality Watch



Key functions.



Better diagnosis and treatment

Pharmacy of the Future gathers information about patient's treatments and shares it with doctors and pharmacists in order to optimize medication and limit side effects.

In case of questions, the patient can go back to his pharmacist or doctor via chat, call or video.



Fast purchasing and delivery

Pharmacy of the Future allows for quick reservation and buying drugs and getting them on the same day, either through stationary pharmacies, vending machines or local delivery companies.

The ordering process is calibrated to the patient who can use a webpage, mobile app, voice assistant or ask a family member for support.



Full information about drugs

With the Pharmacy of the Future, the patient can search the drug name, active substance or simply scan drug packaging to get instant information about the drug, recommended dosages, and possible side effects.

It also tracks the progress of taking prescribed drugs.



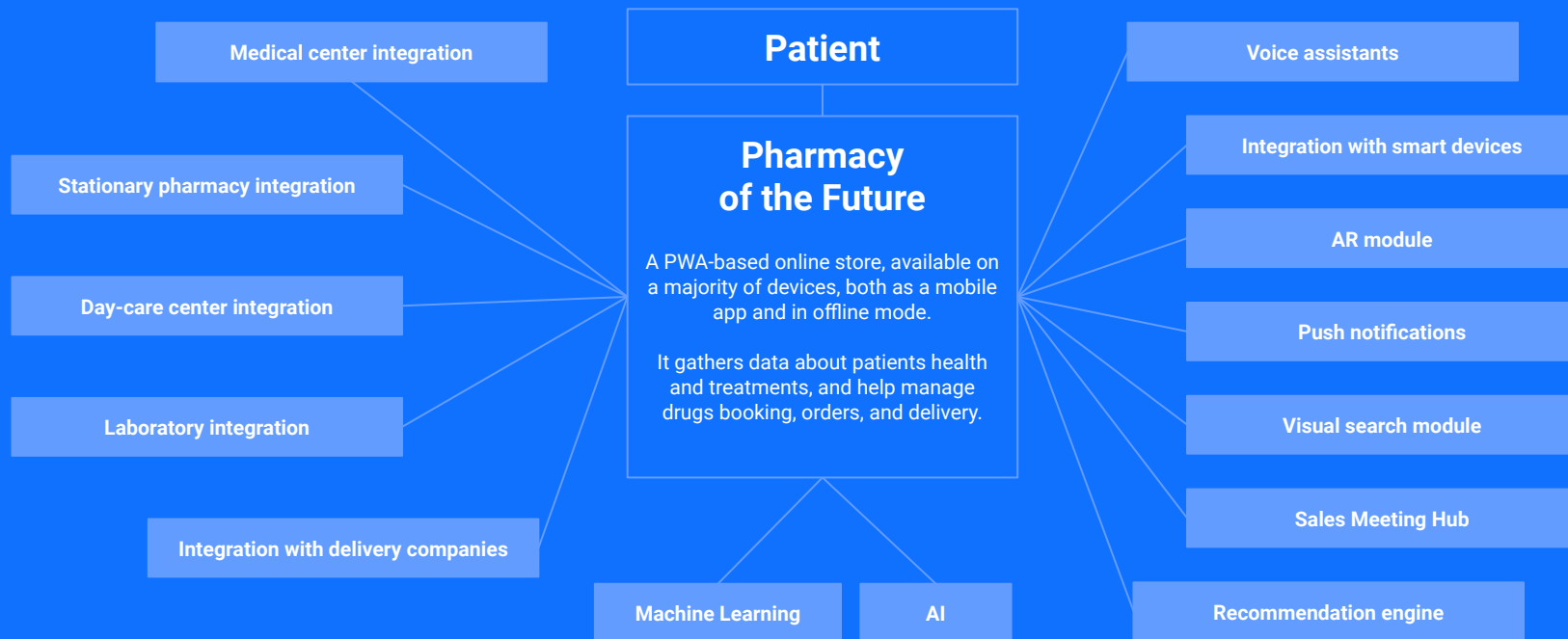
Long-term medical support

Pharmacy of the Future supports long-term treatments and well being of the patient by reminding about repeat orders, giving tips on seasonal illnesses (like viruses), and suggesting regular check-ups.

It also integrates with smart devices to compare treatment with observed medical test results.



Headless approach.





See more about Pharmacy of the Future concept on:

Divante Blog →

Divante Behance →

Divante Dribbble →



Divante Innovation Lab

DVNT is the laboratory of innovations powered by Divante's most creative, skilled, and bold eCommerce experts. It's the environment for the discovery, design, and development of breakthrough eCommerce products.

It is based on the experiences and values developed in Divante during the creation of our own products and solutions for global leaders like Bosch, SAP, and Staples.

Learn more 

Divante empowering eCommerce

A global eCommerce solutions and thought leader. At Divante, we are open source evangelists. Our 250+ experts have delivered over 1000 projects for global companies—building high-functioning MVPs and integrating the technologies of tomorrow.

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International

 BOSCH

Carrefour 

 MEDICOVER

100+

clients
globally

11+

years on
the market

250+

team
members

1000+

projects
delivered



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