**Driving Better Health
Outcomes in Modern Healthcare**

Product Engineering Case Study from iProgrammer

A Quick Glimpse

Intervent

Reach your health and wellness goals with the INTERVENT app.

2024

Overview

For over two decades, INTERVENT International has been a leading force in chronic disease prevention and management. They are on a mission to improve individual and population-based measures of health while simultaneously reducing health care costs and enhancing productivity.

20+
They have been around for more than **20 years.**

150+
They've provided our services to **150+ medical centers**

100+
They've published **100+** peer-reviewed **scientific abstracts/manuscripts.**

7/7
We've served participants from **every continent.**

Business Need

User Engagement and Behavior Change:
- The app needs to provide a comprehensive toolbox for users to track and monitor their health habits. This empowers individuals to take a more active role in their health management.

Data Visualization and Insights:
- The app needs to capture and store health data relevant to chronic disease risk factors and management (e.g., blood pressure, weight, medication intake, activity levels).
- Secure data storage and user privacy should be a top priority.

Telehealth and Coaching Integration:
- Integrate seamless access to INTERVENT's professional health coaches within the app. This facilitates communication, support, and personalized guidance for users.

User Communication and Reminders:
- Implement a system for sending targeted alerts and notifications within the app. This fosters user engagement, promotes behavior change, and ensures adherence to program recommendations.
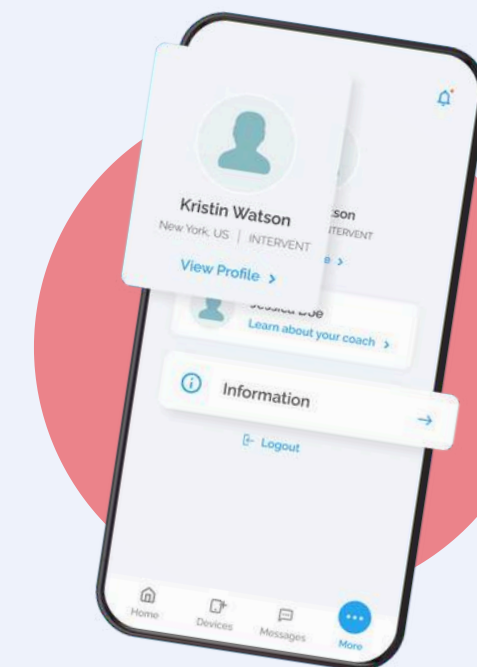
*the screenshot used in this slide is a real screengrab of the product

Solution
INTERVENT at Your Fingertips

Guidance from Coaches

This program connects you with a health coach over the phone to create a personalized plan for reaching your health goals. Whether you want to lose weight, improve exercise habits, or manage a chronic condition, this program can help you get healthier and feel better.
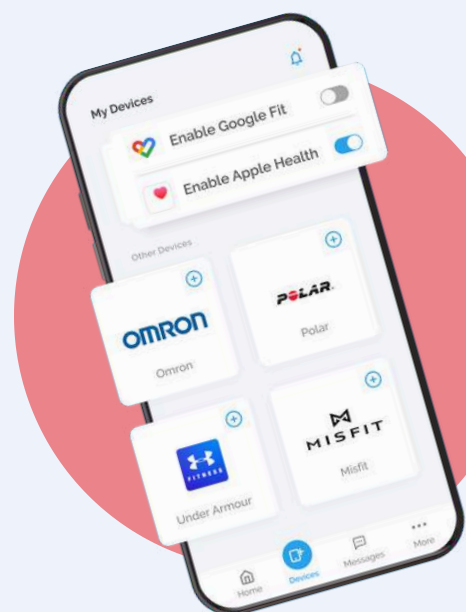
Behavior Change Meets Technology

Build healthy habits for life! Our program offers interactive online & audio lessons packed with science-backed info and behavior change techniques. Track progress, access recipes, and sync devices.
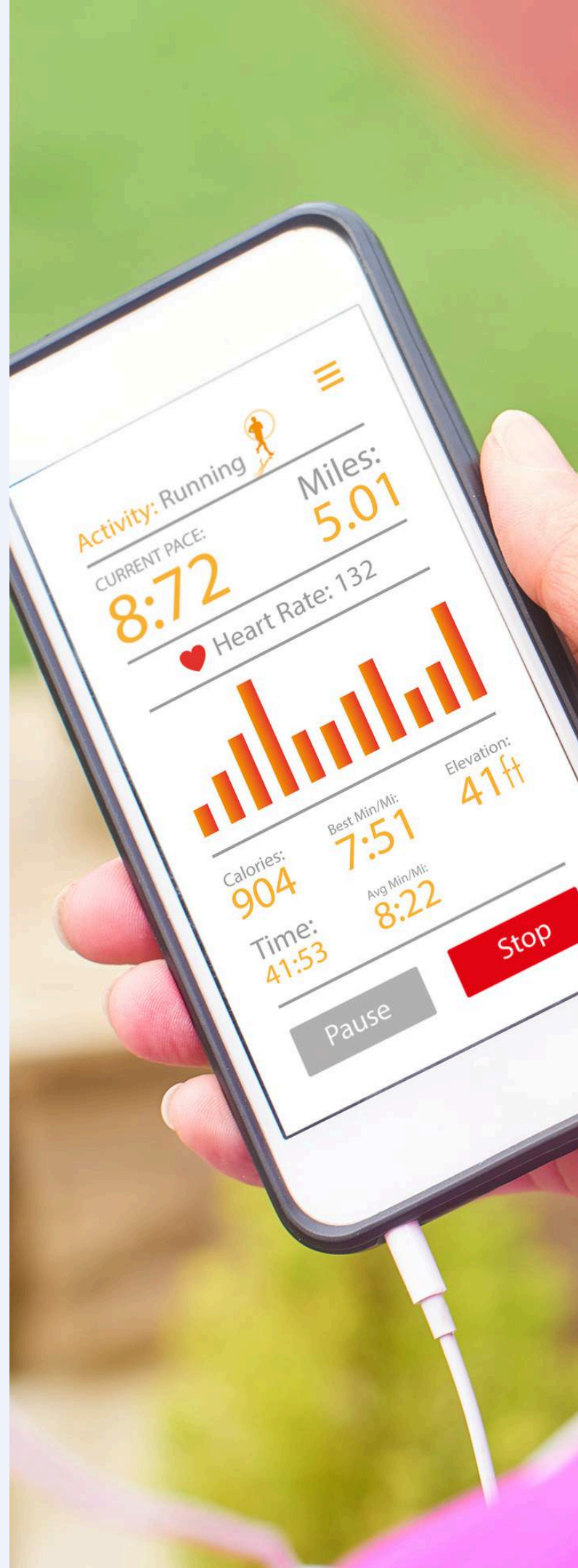
Personalized Reports and Action Plans

Receive personalized wellness reports, goals and action plans to better understand where you are and where you could be related to your health and wellness. Follow the guidance of meal and exercise plans individualized to your specific needs.

*the screenshots used in this slide are real screengrabs of the product

Technologies Used

In-depth client discussions paved the way for a comprehensive Business Requirement Document, thoroughly prepared by our Solution Design and Business Analyst team.

The same document empowered our technology team to identify the right mix of technology to bring this to life.

Frontend:

Native iOS - Swift UI
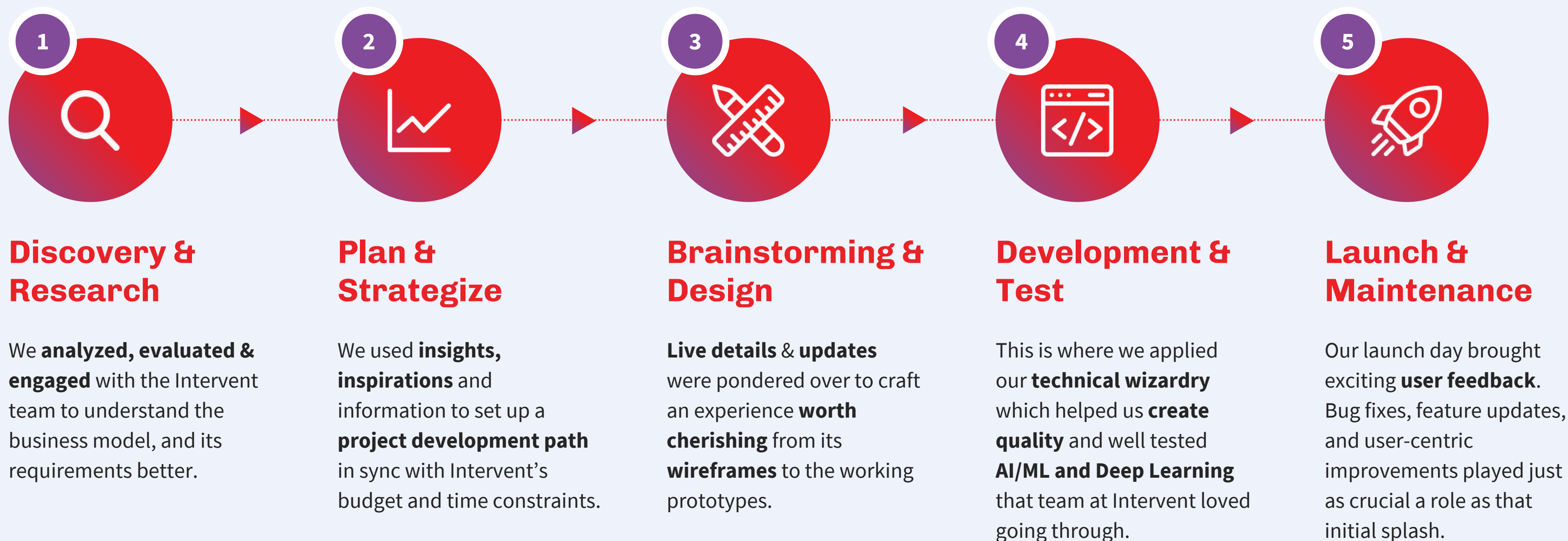
Android - Kotlin

Backend:

.NET

Database:

MySQL

How did we do?
Our Approach

1. Discovery & Research

We **analyzed, evaluated & engaged** with the Intervent team to understand the business model, and its requirements better.

2. Plan & Strategize

We used **insights, inspirations** and information to set up a **project development path** in sync with Intervent's budget and time constraints.

3. Brainstorming & Design

Live details & **updates** were pondered over to craft an experience **worth cherishing** from its **wireframes** to the working prototypes.

4. Development & Test

This is where we applied our **technical wizardry** which helped us **create quality** and well tested **AI/ML and Deep Learning** that team at Intervent loved going through.

5. Launch & Maintenance

Our launch day brought exciting **user feedback**. Bug fixes, feature updates, and user-centric improvements played just as crucial a role as that initial splash.

iProgrammer

YOUR TECHNOLOGY PARTNER

A Quick Glimpse

iProgrammer Solutions

2024

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Our Business Summary

15 years in the technology world feels like we've gone through more updates than any app! We're not just experienced, we're practically vintage in the industry – think fine wine, but for IT expertise.

300+

Successful products across web & mobile delivered till now.

128 MN+

Around 128 million end users have used our developed applications.

Fortune 500

iProgrammer has been the technology partner to **Fortune India 500 - Hero Corp, Tata Communications and HDFC.**

4 Million

Our B2C mobile application developed for Vodafone-Idea currently has 4 million **daily active users (DAU).**

We are part of their success

and many more...

What do we offer?
Our Services

Product Engineering

- UI/UX Engineering
- Web Application Development
- Mobile App Development
- Backend/Middleware Development
- Frontend Development
- QA / Test Engineering
- Legacy System Modernization

Data Analytics

- Data Science
- Data Visualization
- Data Security
- Infrastructure
- OCR Implementation

Cloud & DevOps

- Cloud Consulting
- DevOps Consulting
- DevSecOps Consulting
- CI/CD & Infrastructure Automation
- Kubernetes Adoption

Startup Consulting

- Product/MVP Development
- Statutory Compliance Consulting
- Technology Consulting
- Application Development
- UI/UX Design and Business Branding
- Customer Experience Strategy

LET'S BREW SOME COFFEE TOGETHER.

📧 Email us for inquiries or feedback
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📱 Contact us on

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