

Healthcare Management System (HIPAA compliant)

How transforming HMS's MVP into a full-featured SaaS solution allowed a US company to automate **86%** of manual processes, create monthly reports **in a click**, simplify HIPAA compliance checks, and streamline calculating NHSN reporting metrics while wiping out the possibility of a human error.

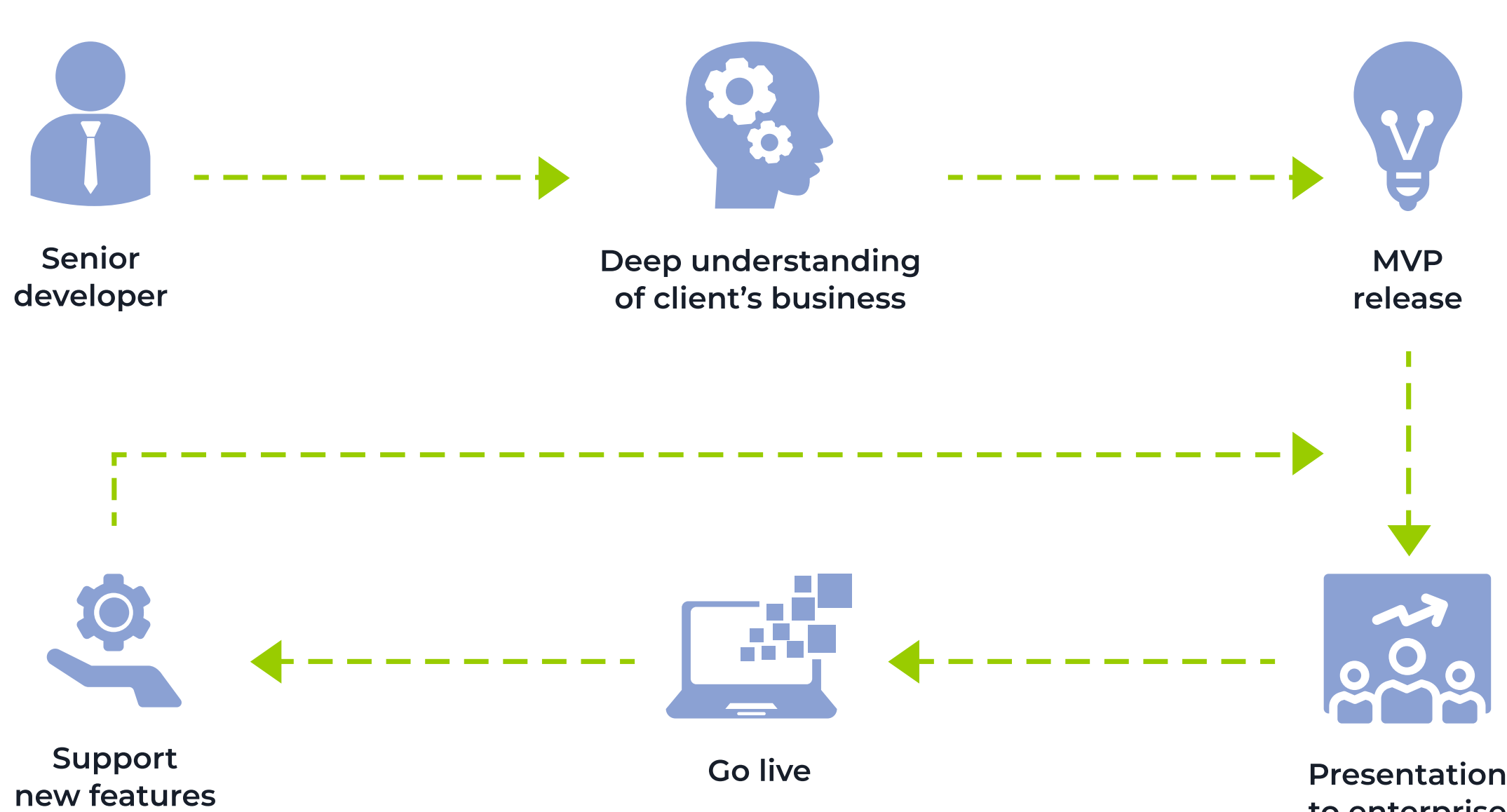
About the Project

The customer is a U.S. based early-stage healthcare startup established at the beginning of 2016. Their main goal is to help healthcare organizations simplify and automate occupational healthcare management. The founders have years of experience working with large hospitals and healthcare systems.

They discovered a better way of getting rid of manual processes, streamlining data collection for immunizations, fitness tests, TB tests, and quickly rolling out reports for internal and external use.

Challenge

The main challenge for *instinctools was to transform the MVP into a full-featured product – a robust and easy-to-use tool that would efficiently reduce the administrative burden and workload.



Solution

In close communication with the customer, *instinctools team offered the following solutions to assist with achieving the company's main goal:

- Enterprise Hierarchical Adjustability
- Full Configurability
- All-round Monitoring
- Cloud-based web + backend
- Modern Technologies

Maximum Data Security:

- Multi-tenancy
- Isolated data
- Encryption
- Leakage protection
- Role-based data access

The project is still in the development stage, but we've already successfully delivered many important features.

Result

The customer is pleased with the efficiency of communications and the quality of work delivered, and plans to take cooperation to the next level by entrusting more work to *instinctools in the coming months.

Key features

Full enterprise SaaS solution:



Monitors compliance at the enterprise level



Tracks and reports staff immunization requirements, tests, and health events



Standardizes immunization requirements by job code and title



Drills down immunization status from department to individual in one click



Flags compliance gaps and upcoming requirements



Automatically notifies staff when immunizations are about to expire



Complies with HIPAA



Integrates with existing HR systems to eliminate duplicate entries and automatically deactivate associates



Creates monthly reports instantaneously



Easily calculates NHSN reporting metrics that can be easily cut and pasted directly into reports

Technologies



ASP.NET
Web API, MVC



MS SQL



Entity Framework



Bootstrap



Angular JS



Azure

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