Charter Global

CASE STUDY — Accelerating Innovation in Assisted Living — MVP Delivered in 90 Days

Client Overview

A pioneering SaaS company redefining assisted living through technology, Assistly partnered with us to elevate platform scalability, enhance user experience, and drive operational efficiency. By integrating software innovation with personalized care, Assistly is transforming senior support—empowering independence while ensuring safety and connectivity. Traditionally, senior care facilities have relied on manual processes, often resulting in inefficiencies, compliance risks, and communication breakdowns. Assistly bridges these gaps by streamlining compliance, improving care quality, and enabling sustainable growth across the assisted living ecosystem.

Business Challenges

The client faced critical roadblocks that impacted both compliance and care delivery:

• **Manual Workflows:** Paper-based processes resulted in frequent errors, operational delays, and caregiver burnout.

• **Compliance Pressure:** Growing regulatory requirements (HIPAA, GDPR, CCPA) were difficult to meet with the existing infrastructure.

• **Communication Gaps:** Families lacked real-time visibility into their loved ones' care, undermining trust.

• **Innovation Bottlenecks:** Legacy systems made it hard to convert new ideas into working MVPs, stalling digital initiatives.

• **Limited Scalability:** Their tech stack wasn't built for growth or rapid deployment.

Charter Global's Solution

Charter Global leveraged its Digital Cloud Transformation expertise to accelerate the delivery of a modern, cloud-native web application tailored for small to mid-sized senior care facilities — from design to production in just three months. Our approach combined **agile delivery, AI-assisted development, and cloud-native architecture.**

• **Agile MVP Delivery:** Using a **React + Locofy** stack, we accelerated frontend generation while preserving design fidelity.

• **AI-Augmented Backend:** Leveraged **GitHub Copilot** for rapid API development with a compact, high-impact dev team.

• **Design-to-Deployment Pipeline:** Integrated **Figma-to-code** workflows, reducing handoff delays and enabling near-instant iteration.

• **Cloud-Native Microservices:** Deployed on **AWS**, ensuring scalability, security, and CI/CD readiness for seamless updates.

• **Compliance by Design:** Embedded compliance workflows with **automated monitoring**, **audit trails**, and **data encryption.**

Business Impact

In just three months, Charter Global's software engineering services transformed the client's concept into a production-ready platform that led to:

• **Accelerated Time-to-Value:** "Go Live in Days, Not Months" — a dramatic shift in how quickly they could deploy new solutions.

• **Streamlined Operations:** Digitized daily logs, care tasks, and incident reports, reducing paperwork, manual errors and caregiver burnout.

• **Regulatory Readiness:** Achieved end-to-end HIPAA, GDPR, and CCPA compliance with integrated safeguards.

• **Predictive Insights:** Enabled data-driven decision-making with **AI-powered forecasting** for staffing and resident needs.

• **Family Engagement:** Introduced a **Family Communication Portal** for real-time updates and peace of mind.

• **Future-Ready Scalability:** Built to grow — the platform adapts seamlessly to expanding operations and new use cases.

Why Charter Global?

Charter Global is a trusted digital transformation partner with a proven track record of delivering rapid, secure, and scalable technology solutions. Our skilled engineers leverage generative AI tools to streamline development, accelerate innovation, and help clients turn ideas into production-ready solutions — faster and smarter.

• **30+ Years of Expertise** across healthcare, cloud transformation, and application modernization

• **Innovation-Driven Culture** that brings ideas to life — fast

• **Agile, AI-Augmented Delivery Models** that maximize speed and efficiency

• **Deep Industry Knowledge** to tailor solutions for compliance-heavy environments

• **Global Delivery Model** with local accountability and 24/7 support