

Case Study: Pre-Operative Assessment and Nursing Assessment Apps

Client Requirements

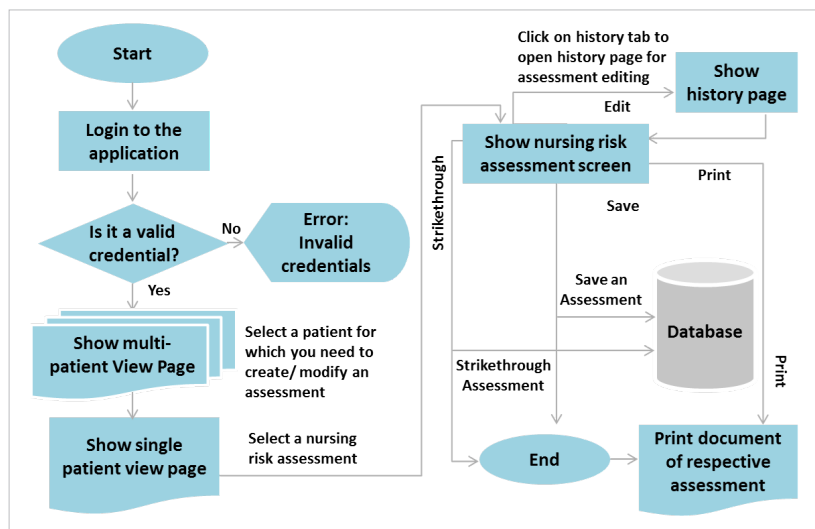
CitiusTech has over four years of relationship with UK's leading population health management services and solutions provider. The client required a Pre-Operative Assessment (POA) and a nursing assessment application for its customers (large IDNs) to create a more effective workflow that would enable communication across teams using instantaneous electronic data transfer and capture. The client also wanted to extend its capabilities of its population health intelligence platform to include clinical workflows to ensure wider range of patient data capture.

Given its expertise in clinical workflows and healthcare interoperability, CitiusTech was selected to build the assessment application.

Solution Design and Development

CitiusTech put together a multi-skilled team to work on this initiative. CitiusTech developed key components for the assessment apps including:

- parser to parse the HL7 data
- custom forms and views to capture real-time information
- MPV's to show list of patients



CitiusTech Solution

Requirement Analysis

CitiusTech team conducted a detailed assessment of the client's requirements, including understanding data sources, defining the solution approach and coming up with a detailed architecture diagram.

CitiusTech developed the applications on the client's intelligence platform which captures and stores live data from source systems, creates an aggregated dataset and can reuse existing information to develop specific applications.

Value Delivered

By partnering with CitiusTech, the client was able to:

- Leverage CitiusTech's expertise in clinical workflows and healthcare interoperability to enable interface with the existing modules
- Build a flexible and robust healthcare data model that could process high volumes of data
- Reduce overall development cost by leveraging CitiusTech's global delivery model
- Eliminate paper-based forms, save data electronically and provide access anytime to its customers

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About CitiusTech

CitiusTech is a specialist provider of healthcare technology services and solutions to medical technology companies, providers, payers and life sciences organizations. CitiusTech's services and solutions include healthcare software development, healthcare interoperability, regulatory compliance, BI/analytics, consumer engagement, care coordination and population health management.

CitiusTech helps customers accelerate innovation in healthcare through a number of solutions and accelerators for clinical quality reporting, healthcare big data, cloud computing, mobile health and predictive analytics. With cutting-edge technology expertise, world-class service quality and a global resource base, CitiusTech consistently delivers best-in-class solutions and an unmatched cost advantage to healthcare clients worldwide.

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