HealthTechWiz

Case Study

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How PreMedicus ASV Mobile App Empowered Healthcare Clinical Decisions

Client's Profile:

PreMedicus empowers physicians and patients by offering information, technology, and clinical engagement solutions. It is a privately held healthcare company headquartered in Alpharetta, Georgia. PreMedicus collaboration with Innoppl helped develop a clinical diagnosis and triage platform to address health concerns and prevent unnecessary visits effectively.

Background:

The usage of mobile apps in healthcare has skyrocketed in this decade. According to a leading study, over 300,000 plus mobile healthcare apps were available for patients. However, our client wanted to build something that really addressed their concerns and served them well - both patients and doctors.

PreMedicus approached HealthTechWiz to develop an acute care management Android or iOS mobile app with clinical decision support and automates most aspects of the in-person visit. It had to be compliant with HIPAA regulations.

The Challenge:

» Build an acute care management Android or iOS mobile app

» Support clinical decision that automates most aspects of the in-person visit

» Asynchronously collect patient and provider information.

» Organizing and reformatting clinical and billing data in real-time to increase staff productivity.

» A simple and easily navigable interface to serve medically vulnerable populations such as the elderly and low-income families

Our Approach:

Our mobile app development team closely coordinated with PreMedicus to develop a digital solution that followed proprietary clinical algorithms developed by doctors to arrive at accurate clinical diagnosis and health advice. We built a fully customizable interface to enable healthcare professionals to review population health data effortlessly.

All essential user touchpoints were simplified and streamlined to help patients access data quickly.

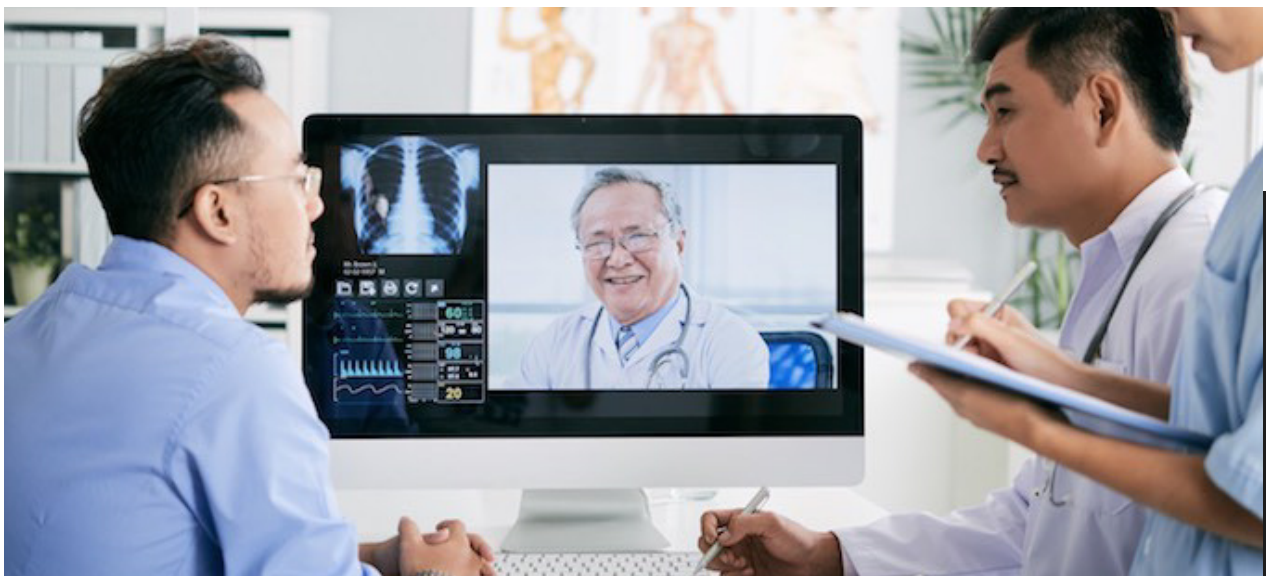# Advanced Algorithms for Accurate Diagnosis

PreMedicus ASV is an acute care management mobile app that packs clinical decision support to automate most aspects of the in-person visit. This multi-user system drives value by asynchronously collecting patient and provider information and organizing and reformatting clinical and billing data in real-time to increase staff productivity.

The workflow minimizes infection exposure while humanizing the patient experience by allowing them to tell their story in their own words and preparing them for much more meaningful interaction with a provider undistracted by clerical tasks.

Positive Impact On Our Client's Business

» An acute care management mobile app with clinical decision support

» Automates most aspects of the in-person visits

» Customizable enterprise dashboard to review health data.

» Reduced healthcare expenses.

» Higher employee productivity.

» Improved ED utilization.

» Minimized hospital readmission penalties.

» Increased patient engagement.

» Delivery of highly targeted incentives.

» Offering highly relevant value-added products & services.

» Data insights using predictive analytics.

Conclusion:

Our professionals' diligent work created a mobile health app that provided patients with the care and convenience desired. PreMedicus ASV is an acute care management Android or iOS mobile app with clinical decision support that automates most aspects of the in-person visit. This innovative mobile healthcare app will continue to provide peace of mind to patients by enabling them to avoid exposure to contagious viruses at the doctor's office or urgent care.

PreMedicus ASV is recognized as one of the best healthcare apps of 2020.

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