HealthTechWiz
Case Study

HealthTechWiz

Mobile App Development For PreMedicus ER

Client's Profile

Our client PreMedicus is a healthcare company in the US that offers clinical engagement solutions to empower physicians and patients. Traditional EHR systems best-fit record keeping and medical billing, and it does not accommodate the quickly evolving demands of the healthcare system. Hence, PreMedicus focuses on developing top-class solutions that reduce friction for providers and patients. Its focus includes healthcare technology, telemedicine, digital health, and Healthcare Management systems.

Background:

PreMedicus approached HealthTechWiz with the idea of quickly building a bespoke, fully customized clinical diagnosis and triage platform that could cost-effectively address health concerns and limit unnecessary visits. It had to be compliant with HIPAA regulations.

The Challenge:

» PreMedicus was determined to build a healthcare app that could better diagnose and manage their health problems and pre-existing conditions.

» Adhere with HIPAA regulations.

» As the platform handled sensitive patient health information, the access had to be authorized.

» The interface to remain easily navigable and accessible as it had to serve medically vulnerable populations.

Our Approach:

HealthTechWiz proposed building a healthcare application that addressed our client's requirements and served the ER physicians best. Secondly, the application had to securely interface with the health education library of the Centers for Disease Control and the National Library of Medicine.

HealthTechWiz's app developers coordinated with the PreMedicus team to develop a digital solution that followed proprietary clinical algorithms approved by doctors. The main aim of the application was to arrive at accurate clinical diagnoses and health advice. Our developers' team built a fully customizable interface to enable healthcare professionals to review population health data effortlessly.

All critical user touchpoints were analyzed and simplified to help patients access data instantly.
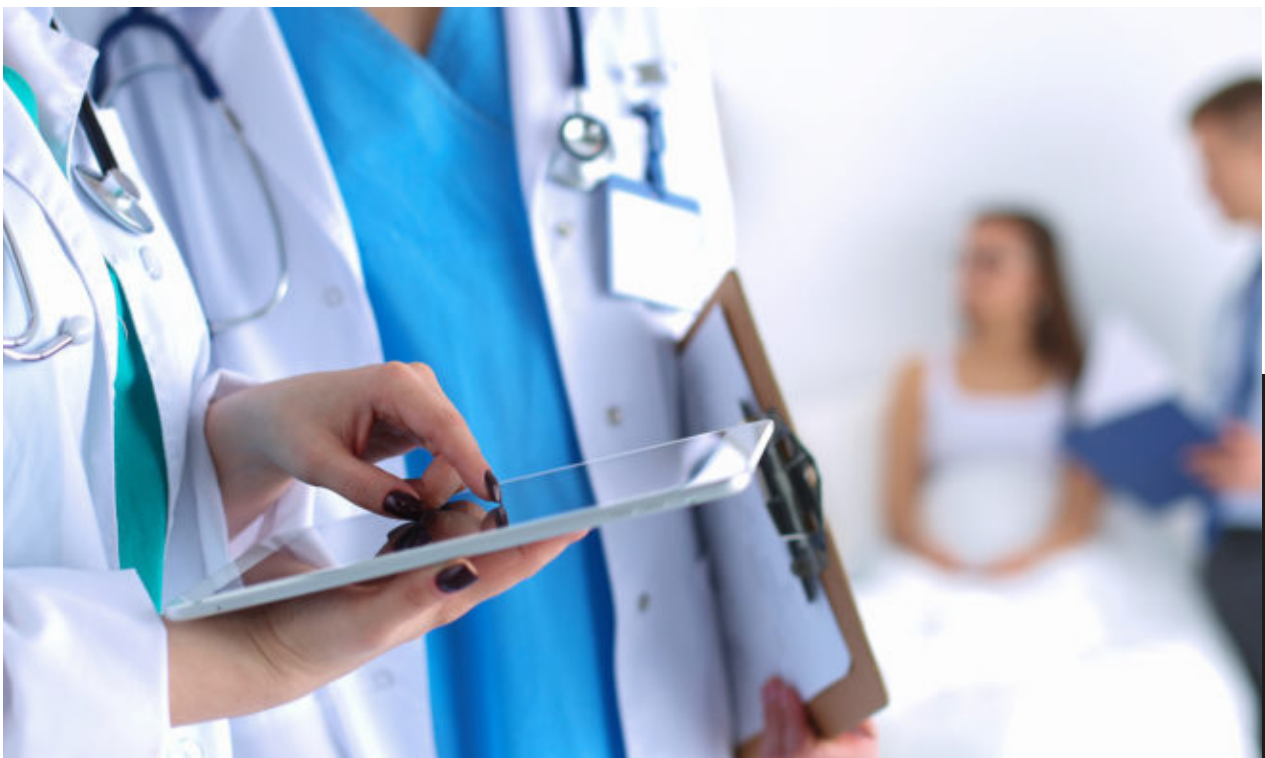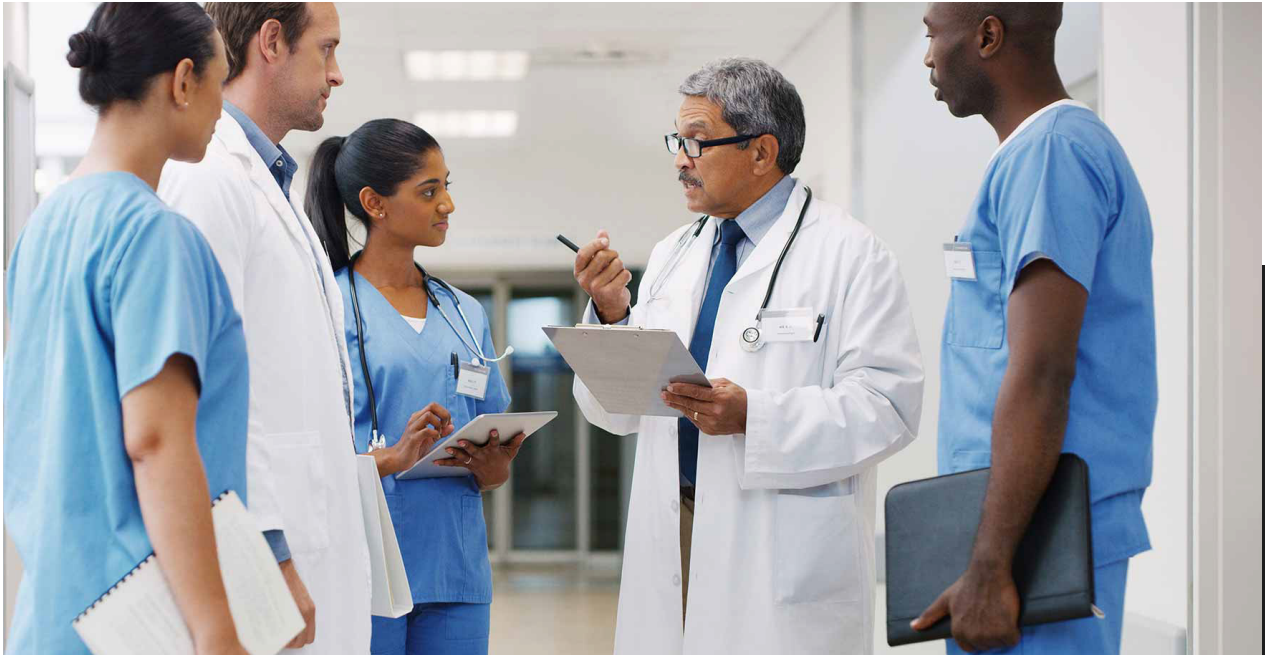
Application's Unique Feature:

The application developed for PreMedicus packs self-diagnosis and triage algorithms. Highly experienced healthcare professionals developed it. Therefore, it sets it apart from run-of-the-mill mHealth apps that offer generic and mostly inaccurate health advice. Conversely, PreMedicus was built after careful consultation with doctors and provides an accurate medical diagnosis.

Positive Impact On Our Client's Business

» The app reduced unnecessary ER visits for the healthcare providers it partnered with more workflows and processes were streamlined and achieved an increase in productivity.

» Better health outcomes were achieved

Conclusion:

Healthcare space needs to stay well connected to deliver the best services. On a broader spectrum, a lot of elements go into a central hub to be accessed from a single pane of glass by different stakeholders. HealthTechWiz designed and developed a perfect app that is flexible, secure, and yet digitally innovative.

PreMedicus ER is a patient-operated Android or iOS mobile app that works independently or within a telemedicine system. It generates over 100 personalized self-diagnoses, real-time triage advice, a shareable medical record, and a disease risk factors profile using proprietary clinical algorithms.

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