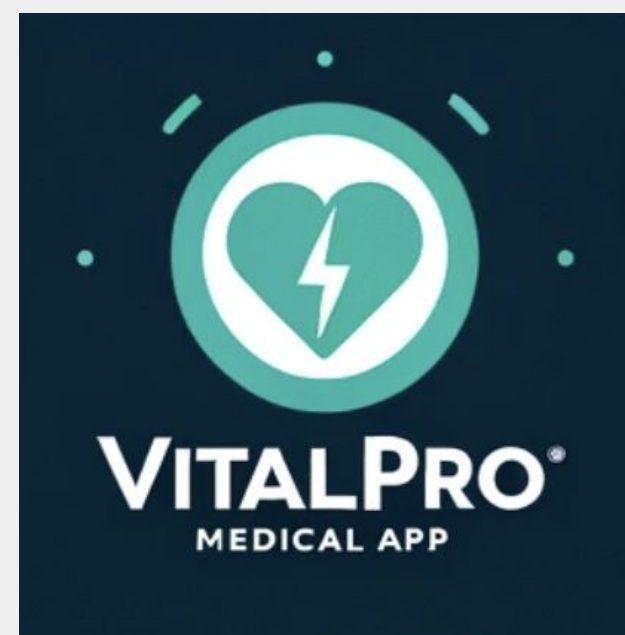


VitalPro SMC

Triage Stage Assistant

The App



The Purpose

The Vital Pro app is designed for patients to log in using their ID or Absher account. Upon logging in, they will access a page displaying their ID, previous triage/medical history, prescribed medications, and hospital file number with their priority stage. Patients can sign in using the hospital's barcode, and if they do not have a file in the hospital, the system will automatically create one since the app has all the necessary information. The app also includes a page showing the nearest and most available hospitals, and another page displaying nearby pharmacies that have their prescribed medications.

For doctors, the app provides a different interface. It quickly identifies the patient's emergency case and prioritizes them based on the information provided to the smart medical system. The patient's file is automatically sent to the doctor in order of severity.

Introduction

Abstract

The VitalPro SMC Triage Stage Assistant is designed to streamline patient intake processes in emergency and regular medical settings. Utilizing hyper optimization and AI-driven algorithms, it efficiently sorts patients using based on urgency and severity of conditions, improving response times and accuracy in patient care.

Background

In today's fast-paced medical environments, triage accuracy and efficiency are paramount. The VitalPro SMC assists medical personnel by providing rapid assessments using integrated diagnostic tools, reducing waiting times and prioritizing care effectively.

Hypothesis

Implementing the VitalPro SMC in hospital triage systems will reduce patient wait times and improve the accuracy of initial diagnosis, leading to better health outcomes and more efficient use of hospital resources.

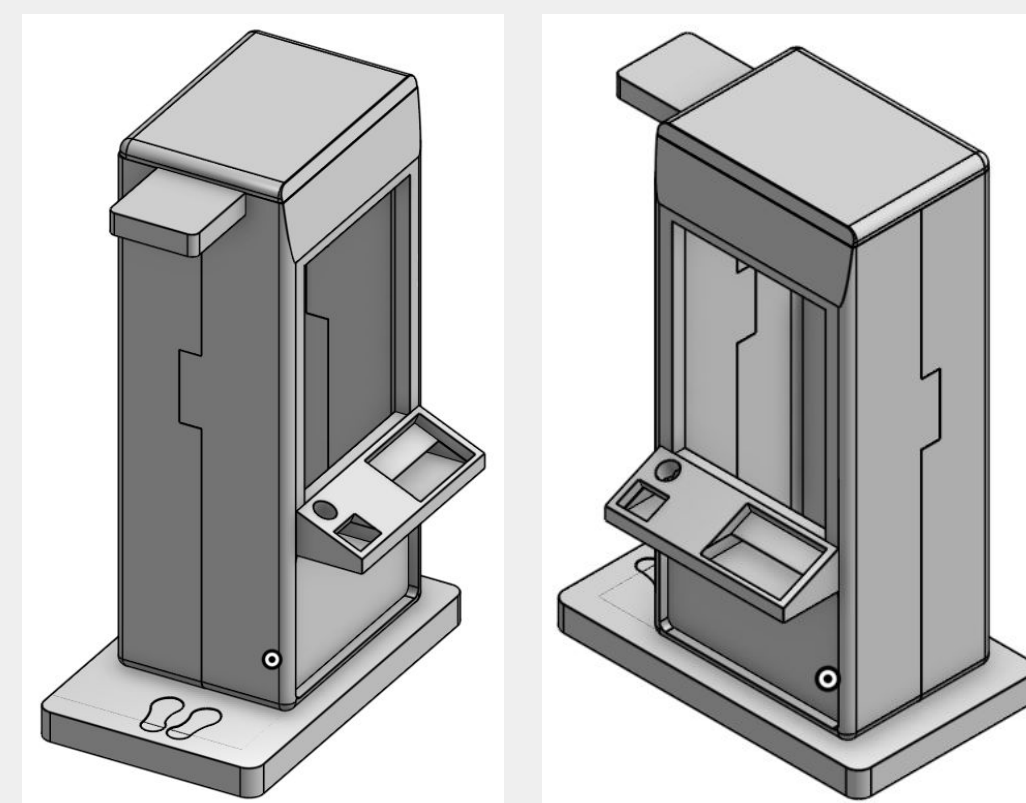
Objectives

- To evaluate the effectiveness of VitalPro SMC in reducing average patient wait times.
- To assess the accuracy of medical triage when using the VitalPro SMC.
- To analyze user satisfaction among healthcare professionals using the system.

Future Expectations



3D Sketch



Conclusion

Conclusion

The VitalPro SMC has proven to be a valuable asset in medical triage, demonstrating significant improvements in efficiency and accuracy, which are critical to effective patient care.

Recommendations

- Further expand the use of VitalPro SMC across other departments within hospitals.
- Continuous updates and training for staff to leverage the system's capabilities fully.
- Consider integration with other hospital management systems for seamless data flow.

Discussion

While effective, the integration of such systems requires careful change management to ensure compatibility with existing hospital workflows and acceptance by medical staff.

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