



GenAI
Hackathon

HealTime

Saving your time...
Saving your life.



Chill Coderssss

Introduction: Our commitment to your well-being

By combining scheduling with generative Artificial Intelligence, we have created an app like no other, one that helps patients decide the best time for their appointment that is convenient for both them and their physician.



Health Care Cost Optimization

Maximize resource utilization, improve efficiency, and achieve cost optimization.



01.

Patient Satisfaction

Respect the time of the patient. Instead of having to wait hours on end, get notifications on when to come.

02.

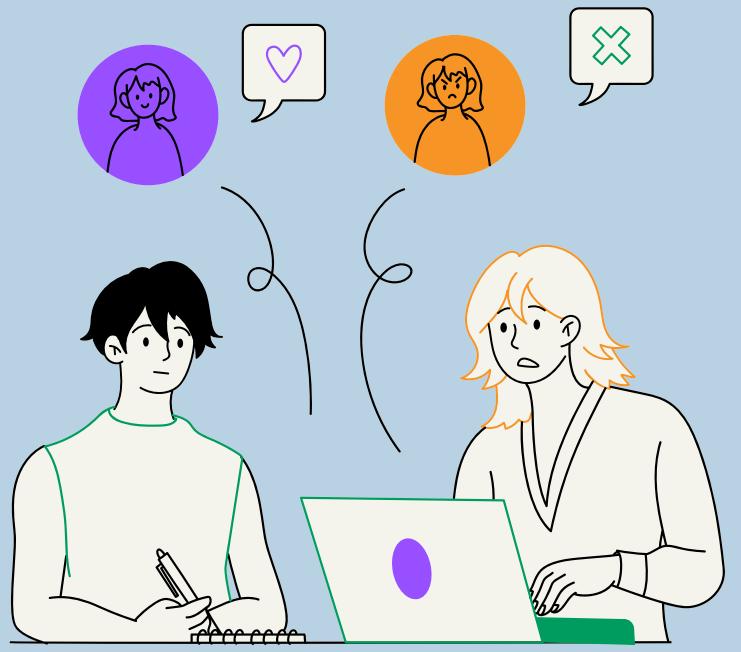
Physician Time Optimization

Makes sure the physicians are being more attentive and less error prone by evenly distributing their time.

03.

Costs

Optimize the physicians time as well as make sure resources are not being wasted.



90%

Patients and Nurses Reported Dissatisfaction

100% of respondents provided additional comments, expressing concerns such as dissatisfaction with emergency room services, long waiting times, and suggestions for reducing appointment scheduling wait times.

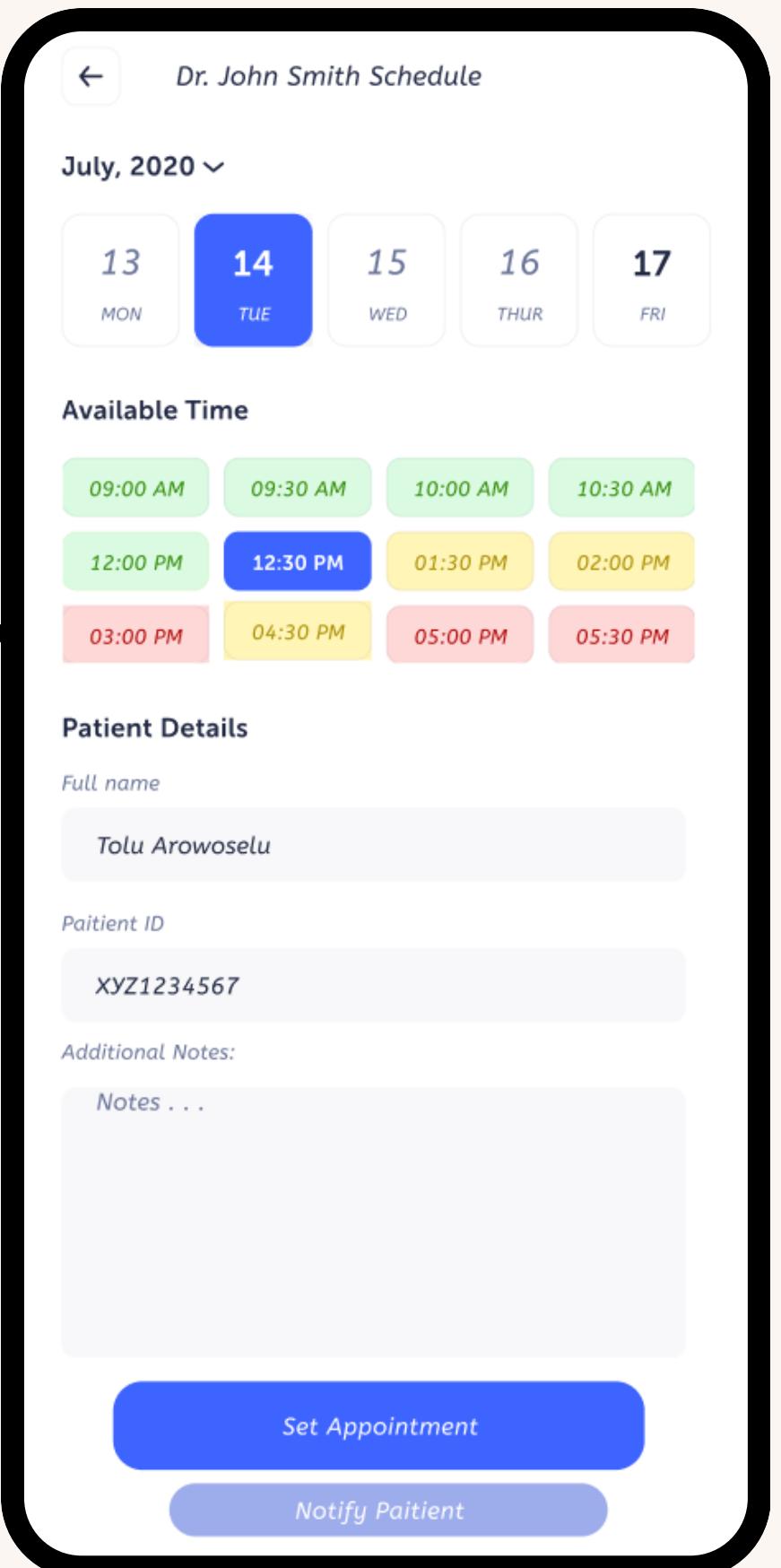
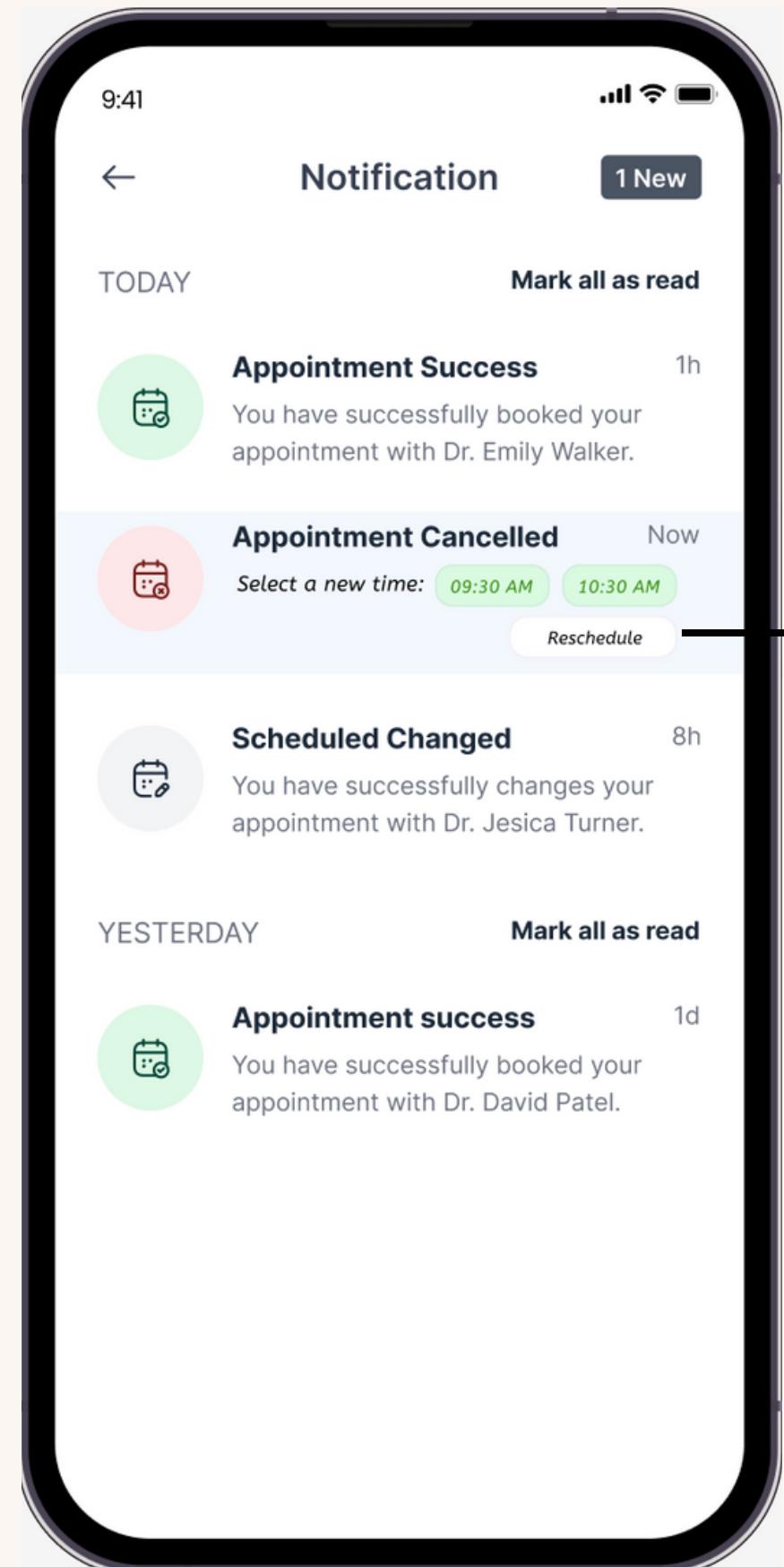
90% of respondents have experienced appointment cancellations. Additionally 40% of respondents reported that healthcare professionals have been late for their appointments, while 60% have not experienced delays.



Advanced technology: Generative AI

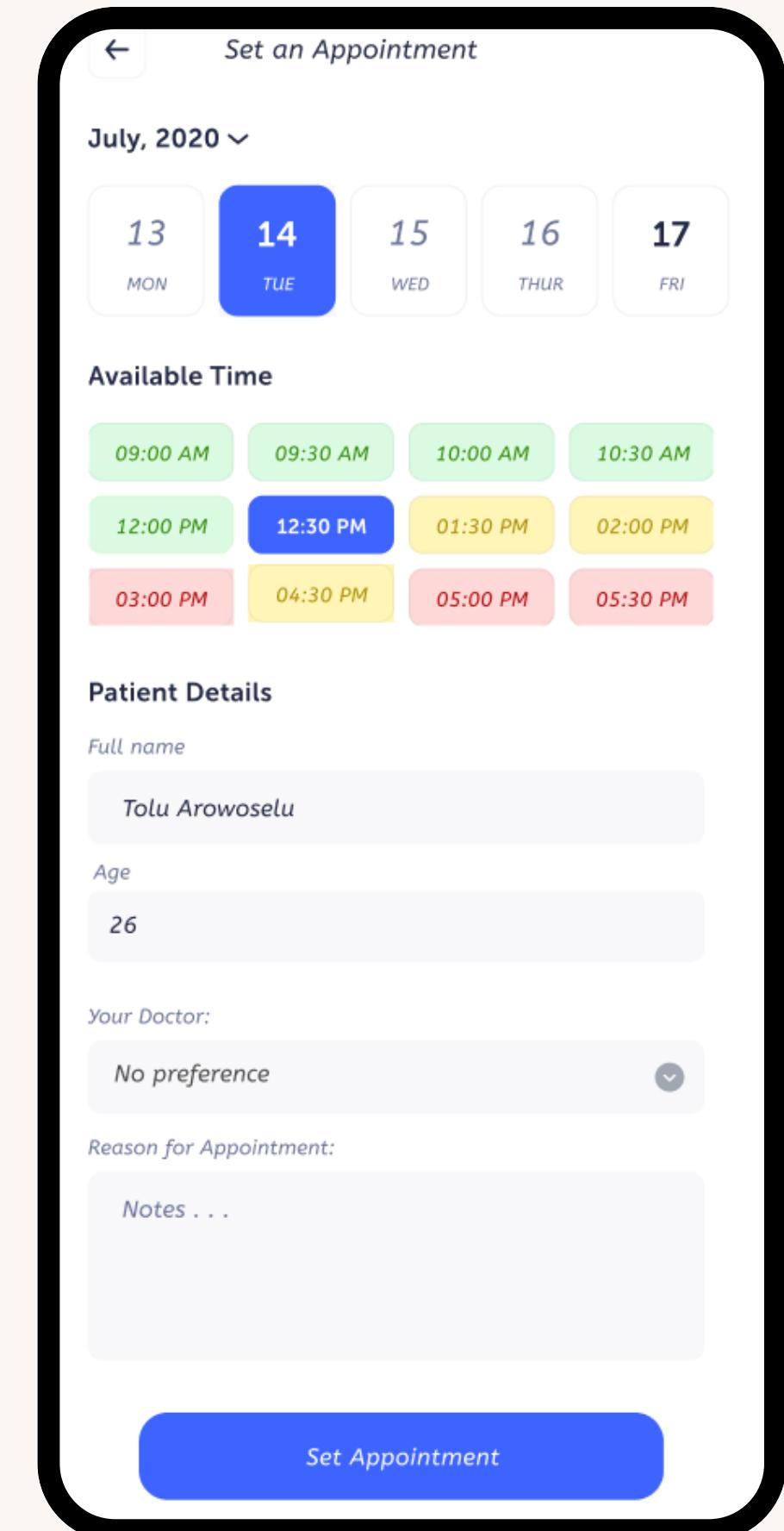
Our goal is to add a bot to the currently existing scheduling system at IWK. The bot will use the previous scheduling data, to generate a predictive model of the high and low traffic time-slots for upcoming weeks. So that patient and nurses alike will have the a view of the expected high traffic and low traffic time.





Nurse's Notification

Physician's Schedule



Patient Booking

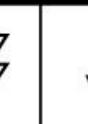
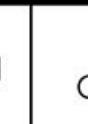
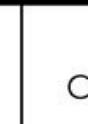
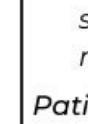
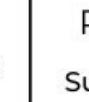
The Business Model Canvas

Designed for:
IWK HOSPITAL

Designed by:
THE CHILL CODERS

Date:
21st January, 2024.

Version:
1.0

<p>Key Partnerships</p>  <p>Healthcare Institutions and Hospitals:</p> <ul style="list-style-type: none"> Collaborate with hospitals to integrate the scheduling software into their existing systems. Work closely with healthcare professionals to understand their scheduling needs and preferences. <p>Gen AI or Artificial Intelligence Providers:</p> <ul style="list-style-type: none"> Partner with AI providers to enhance the machine learning capabilities of the scheduling software. <p>Data Providers:</p> <ul style="list-style-type: none"> Form partnerships with data providers to access real-time and historical data on hospital traffic, appointment schedules, and resource utilization. 	<p>Key Activities</p>  <p>Training and Continuous Learning:</p> <ul style="list-style-type: none"> Implement a robust training pipeline for the Gen AI model using historical data on hospital traffic, appointment schedules, and resource utilization. <p>User Training and Support:</p> <ul style="list-style-type: none"> Provide training to healthcare professionals on how to use the scheduling software effectively. <p>Key Resources</p>  <p>Technology and Development Team:</p> <ul style="list-style-type: none"> Software developers, AI engineers, and data scientists for creating and maintaining the scheduling software. <p>Collaboration and Partnership Managers:</p> <ul style="list-style-type: none"> Individuals are responsible for establishing and maintaining partnerships with healthcare institutions, AI providers, and other relevant partners. 	<p>Value Propositions</p>  <p>Efficient Time Management:</p> <ul style="list-style-type: none"> The software optimizes the schedules of both patients and healthcare professionals, ensuring that everyone's time is used effectively. <p>Enhanced Patient Experience:</p> <ul style="list-style-type: none"> Patients benefit from reduced waiting times and improved scheduling, leading to higher satisfaction levels. <p>Resource Optimization:</p> <ul style="list-style-type: none"> The system maximizes the utilization of hospital resources, preventing overloads or underutilization of equipment and facilities. <p>Healthcare Cost Optimization:</p> <ul style="list-style-type: none"> By streamlining schedules and improving efficiency, the software contributes to cost optimization in healthcare services. <p>Data-Driven Decision Making:</p> <ul style="list-style-type: none"> The platform provides insights into patient traffic, enabling data-driven decision-making for both patients and healthcare professionals. 	<p>Customer Relationships</p>  <p>Customer Support:</p> <ul style="list-style-type: none"> Provide customer support services to address any issues, answer queries, and assist in optimizing schedules. <p>Collaborative Approach:</p> <ul style="list-style-type: none"> Collaborate with healthcare professionals and administrators to understand their challenges and tailor the software accordingly. <p>Channels</p>  <p>Direct Sales:</p> <ul style="list-style-type: none"> Reach out directly to hospitals and healthcare institutions to sell the scheduling software, providing demonstrations and showcasing its benefits. <p>Digital Marketing:</p> <ul style="list-style-type: none"> Utilize digital marketing strategies such as social media, content marketing, and email campaigns to create awareness and attract potential customers. 	<p>Customer Segments</p>  <p>Hospitals and Healthcare Institutions:</p> <ul style="list-style-type: none"> The primary customers are hospitals and healthcare institutions of various sizes that require efficient scheduling solutions to optimize resource utilization and improve patient experience. <p>Healthcare Professionals:</p> <ul style="list-style-type: none"> Nurses, doctors, and other healthcare professionals within hospitals who are involved in scheduling appointments and managing patient flow. <p>Patients:</p> <ul style="list-style-type: none"> While not direct paying customers, patients indirectly benefit from the software. Their positive experience can be crucial in the adoption and success of the platform. <p>Healthcare Administrators:</p> <ul style="list-style-type: none"> Administrators are responsible for overseeing the overall functioning of healthcare facilities, including the optimization of schedules and resource management.
<p>Cost Structure</p> <p>Development Costs:</p> <ul style="list-style-type: none"> Expenses related to the initial development and ongoing enhancement of the scheduling software, including software engineers, designers, and product managers. <p>Infrastructure Costs:</p> <ul style="list-style-type: none"> Hosting, server maintenance, and other infrastructure-related expenses for ensuring the software's reliability and scalability. 	<p>Data Security and Compliance:</p> <ul style="list-style-type: none"> Investments in ensuring that the software complies with healthcare data security and privacy regulations, including the implementation of robust security measures. <p>Marketing and Sales Costs:</p> <ul style="list-style-type: none"> Costs associated with promoting and selling the software, including advertising, participation in conferences, and sales team salaries. 	 <p>Revenue Streams</p> <p>Subscription Fees:</p> <ul style="list-style-type: none"> Charge hospitals and healthcare institutions a recurring subscription fee for access to the scheduling software and its features. <p>Licensing Fees:</p> <ul style="list-style-type: none"> Offer licensing agreements for the use of the software, where hospitals pay a one-time or periodic fee for the right to use the solution. 	<p>Customization Fees:</p> <ul style="list-style-type: none"> Charge additional fees for customization services, allowing hospitals to tailor the software to their specific needs and workflows. <p>Integration Services:</p> <ul style="list-style-type: none"> Charge fees for integrating the scheduling software with existing electronic health record (EHR) systems or other healthcare management software. 	

**Thank
you very
much!**

