



Case Study

Next-Generation Home Health Assessments: AI-Powered Precision and Efficiency (Wizeview)



Customer Profile

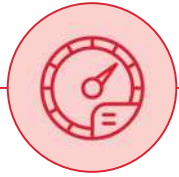
Our client is a forward-thinking healthcare organization dedicated to enhancing patient care through innovative technology. Based in Raleigh, NC, they are renowned for their commitment to improving healthcare efficiency and precision.

Background

Traditional home health assessments often involve lengthy visits from physicians or nurses, which can be time-consuming and costly. Recognizing the need for a more efficient solution, our client sought to transform the assessment process to increase speed, accuracy, and cost-effectiveness. This led to the development of a groundbreaking AI-powered app in collaboration with the client.

Client Requirements

The client identified several key requirements for transforming their home health assessment process:



Efficiency and Speed

Reduce the time required for assessments from an hour to approximately 20 minutes, making the process more efficient and less burdensome for healthcare workers and patients alike.



Precision and Accuracy

Implement advanced technologies to enhance the accuracy of data collected during home visits, minimizing errors and improving overall assessment quality.



Cost-Effectiveness

Enable cost-effective health assessments by empowering healthcare workers, such as Certified Nursing Assistants (CNAs), to perform comprehensive evaluations without requiring highly specialized training.



Configurability

Develop a platform that allows for the creation of customized assessment programs to meet various patient needs and healthcare requirements.



Scalability

Design a solution that can handle large-scale health assessments affordably, supporting both individual and broad-based evaluations.

Bridgera's Solution

In partnership with the client, Bridgera developed an innovative AI-powered app that addresses all of their requirements:

✓ **Appointment Scheduling and Alerts:**

The app integrates with an admin scheduling system to streamline appointment management and notify caregivers of upcoming visits.

✓ **Data Collection:**

Caregivers use the app to capture critical health information, including images of medication vials, patient facial expressions for sentiment analysis, wound photos, and images of the home environment for fall hazard assessment. The app also records video footage of the patient's mobility for fall risk evaluation.

✓ **AI and OCR Integration:**

The app leverages advanced image recognition and Optical Character Recognition (OCR) technologies to extract and process data from the collected images and videos. This reduces the need for manual data entry and enhances the accuracy of the assessments.

✓ **Data Review and Validation:**

The collected data undergoes a swift review process to ensure its accuracy and completeness, allowing for reliable health assessments.

Results

Bridgera's AI-powered app has achieved notable results for our client:



Enhanced Efficiency:

The streamlined assessment process now takes just 20 minutes, significantly reducing the time and resources required for home health evaluations.



Cost Reduction:

By enabling CNAs to perform comprehensive assessments, the app has lowered overall healthcare costs while maintaining high-quality evaluations.



Scalable Impact:

The solution supports large-scale health assessments affordably, making it feasible to conduct evaluations on a broad scale.



Increased Accuracy:

Advanced AI and OCR technologies have minimized data entry errors and improved the precision of health assessments.



Customizable Solutions:

The app's configuration capability allows for the creation of tailored assessment programs, adapting to various patient needs and healthcare scenarios.

Conclusion

The collaboration between Bridgera and our client has set a new benchmark in home health assessments. Our AI-powered app transforms traditional evaluation methods, delivering better efficiency, accuracy, and cost-effectiveness. This innovative solution represents the future of health assessment, providing healthcare organizations with the tools needed to enhance patient care and streamline operational processes.

Impact

The implementation of Bridgera's solution has upgraded the home health assessment, overcoming traditional limitations and enabling more comprehensive and accurate evaluations. This advancement in technology underscores the potential for AI to drive improvements in healthcare, setting a new standard for future innovations in the industry.



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