

New Product Development



INDUSTRY:
Oncology Patient Care Solutions

forbie[®]
BETTER OUTCOMES ENABLED

Forbie is a cancer care management services provider, offering real-time augmented intelligence through mobile technology, speech recognition, clinical language understanding (CLU), and artificial intelligence (AI) for enhanced patient engagement.

CLIENT CHALLENGES

- Lack of continuous, relevant feedback for individualized care
- No ongoing interaction with patients
- No simple method for patients to keep their performance statuses updated

SOLUTION IDENTIFIED

Catering to oncology patients, Forbie needed a robust solution that could:

- Support multiple electronic medical records (EMR) systems with varying integration configurations, including API Key, URL, AppID, and Access Tokens
- Integrate data from wearable devices into a patient mobile app
- Provide a web portal for accessing patient conversational data, health scores, fitness scores, and third-party business intelligence and analytics tools
- Securely store and manage patient data and audit histories to protect patient identities

SUCCESS STATISTICS

Completed within
4 months

100%
Within budget and on target

KMS IMPACT



KMS built Forbie's bot, a software-based tool with a nonintrusive conversational AI engine equipped with an emotional sensitivity identifier.



Not only did our team develop comprehensive literature for conversations through a CLU engine, but we also introduced a cognitive bias codex to acclimatize user behavior from a list of 188 biases.



With the help of KMS, Forbie now has a dashboard showing relevant patient statistics and a mobile application that can integrate with wearable Apple, FitBit, and Android devices.



On top of that, our solution pulls clinical data from EMR systems, ensuring that data storage and feeds are encrypted and HL7, HIPAA, CDA, and FHIR compliant, all while supporting single sign-on (SSO) in data exchange.



The UI KMS built is incredible! Thank you for all the ongoing work and strong output the team is delivering.

- Director of Forbie

CONCLUSION

In line with Forbie's mission to enhance oncology treatment success through improved care coordination and patient satisfaction, KMS Healthcare crafted a comprehensive MVP platform with a Clinical Learning Understanding (CLU)-focused conversion engine. This platform integrates EMR systems and wearable data, fostering enhanced patient interaction while ensuring secure, compliant data handling.