



Hack the Future: A Gen AI Sprint

Work at the heart of *change*

Data and AI Week



Theme

"Applications of AI Agents in the Real-World"

This theme explores how advanced artificial intelligence can be seamlessly integrated into practical, real-world scenarios to drive innovation and efficiency. It highlights the potential of AI agents to transform business processes, enhance decision-making, and optimize client services. From automating routine tasks to providing deep insights through data analysis, AI agents can empower consultants to deliver more strategic, data-driven solutions to address real-world challenges, such as improving operational efficiency, enhancing customer experiences, and driving sustainable growth.

> Hack the Future: A Gen AI Sprint Powered by Data

Data and AI Week



Team details

TEAM NAME: Alwellness Champs



Thoulath Irfana M



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Entry Submission Summary

Idea Title (Provide a concise and impactful title for your idea.)	AgentCare: AI Health Companion for Women’s Wellness
Team Name	AIwellness Champs
Problem Statement	Women face fragmented, non-personalized healthcare—especially in reproductive health, mental wellness, and chronic conditions—due to stigma, lack of awareness, and limited access to timely care.
Proposed Solution	AgentCare is a GenAI-powered virtual health companion for women. It uses AI agents for personalized tracking, emotional support, contextual recommendations, and care navigation—empowering women with accessible and intelligent wellness support.

Problem Statement (in detail)

Women often face fragmented and non-personalized healthcare journeys, especially in areas of reproductive health, mental well-being, and chronic condition management. Due to stigma, lack of awareness, and time constraints, many women do not access timely care. There's a need for an integrated, always-available, and context-aware solution to support women's wellness.

Proposed Solution Overview

(Applicability of GenAI and agentic AI in the proposed solution)

- AgentCare is a GenAI-powered virtual wellness consultant, specifically tailored for women. It combines multiple AI agents working in sync to offer personalized advice, reminders, mental health check-ins, and escalation pathways to human doctors if needed.

Applicability of GenAI and Agentic AI:

- Conversational Agents: Chat-based interfaces for daily health tracking, symptom checking, and emotional support.
- Contextual AI Agents: Continuously learn user patterns to offer custom nutrition, fitness, and mental wellness suggestions.
- Recommendation Agents: Suggest clinics, gynecologists, or therapists nearby using location and issue-based intelligence.

Technologies Used

(Deployment readiness of the proposed solution and how well the solution is connected with the current technology)

- GenAI (e.g., OpenAI/GPT Models) for conversation and personalization.
- Google Cloud AI / Azure AI Services for deployment scalability.
- Wearable Integration APIs (e.g., Fitbit, Apple Health) for health monitoring.
- Dialogflow or Rasa for intelligent conversations.
- Secure Data Layers (FHIR/HL7 standards) for HIPAA-compliant health data management.

Conclusion

Summarize the impact and effectiveness of your solution. Reiterate how it solves the problem statement.

AgentCare empowers women by giving them control over their wellness journey with real-time, context-aware AI assistance. It bridges the gap between personal care and clinical support while offering scalable consulting insights for healthcare organizations. It addresses real-world issues with GenAI capabilities, enhancing accessibility, personalization, and efficiency.

References/Other details

- WHO Reports on Women's Health
- Research on AI in Healthcare
- Accenture Women in Tech Initiatives

Thank You