

Work at the heart of change

Gen Al Sprint

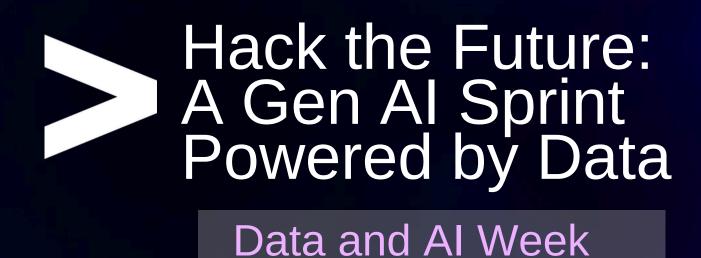
Data and Al Week



#### Theme

#### "Applications of Al Agents in the Real-World"

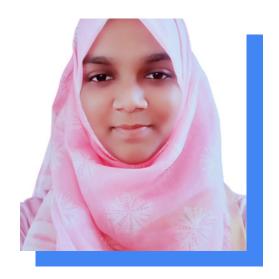
This theme explores how advanced artificial intelligence can be seamlessly integrated into practical, real-world scenarios to drive innovation and efficiency. It highlights the potential of AI agents to transform business processes, enhance decision-making, and optimize client services. From automating 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.





#### **Team details**

**TEAM NAME: Alwellness Champs** 



**Thoulath Irfana M** 



**Dhonishka V** 

# **Entry Submission Summary**

Idea Title (Provide a concise and impactful title for your idea.)	AgentCare: AI Health Companion for Women's Wellness
Team Name	Alwellness 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 GenAl and agentic Al 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.

#### <u>Applicability of GenAI and Agentic AI:</u>

- 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