Transforming Wellness: Maypro's Digital Leap for Personalized Solutions

Jinu Mathew Valayil, PhD¹; Vandana Yadav, MS¹; Stan Kachnowski, PhD, MPA¹

¹Healthcare Innovation and Technology Lab (HITLAB)



ABSTRACT

Maypro, a global leader in nutraceutical ingredients, has built a strong reputation over decades for delivering safe, natural, and highly effective health solutions. To advance its mission of improving health and happiness worldwide, Maypro is exploring innovative strategies to address the rapidly changing needs of modern consumers.

To support this transformation, Maypro partnered with HITLAB, to explore opportunities for leveraging technology in wellness. Together, the two organizations investigated multiple aspects of digital technology, including novel ingredient discovery, formulation optimization, personalized care, and efficient clinical trial processes.

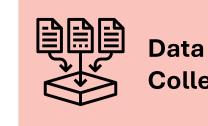
HITLAB conducted comprehensive research, analyzing consumer insights, market trends, and competitor strategies to uncover key opportunities for digitization. Based on this, actionable strategies were crafted to optimize Maypro's value chain, equipping the company to deliver more personalized and connected experiences to its consumers.

This collaboration merges HITLAB's digital health expertise with Maypro's nutraceutical leadership, equipping Maypro to thrive in the rapidly evolving digital wellness space. By embracing these innovations, Maypro reaffirms its commitment to improving lives globally through safe, effective, and sustainable health solutions.

OBJECTIVE

 Identify and explore digital opportunities for Maypro to enhance consumer experiences, foster future innovations, and drive improvements in operational efficiency and sustainability across its entire value chain.

METHODOLOGY









Synthesis

1. Data Collection:

A multi-faceted approach was employed to gather data for the study, including review of peer-reviewed articles, industry reports, industry databases, and online resources.

2. Data Analysis:

This included assessing consumer preferences, technological advancements, and competitor strategies to pinpoint areas where Maypro could enhance efficiency, sustainability, and customer engagement.

3. Synthesis of Results:

The insights gained from data analysis were synthesized to generate actionable strategies for potential innovations and digital opportunities that align with Maypro's goals of enhancing consumer experience and driving future growth.

Limitations

While efforts were made to gather comprehensive and up-to-date data, limitations such as data availability, potential biases in expert opinions, and scope constraints may have impacted the findings.

RESULTS

MARKET ANALYSIS

The nutraceuticals market is growing quickly, fueled by rising demand for health-promoting products, preventive healthcare, and innovations that improve personalization and effectiveness.

Global Nutraceuticals Market:



US\$ 712.97 Bn Market value in 2023

Asia Pacific: Leading Market



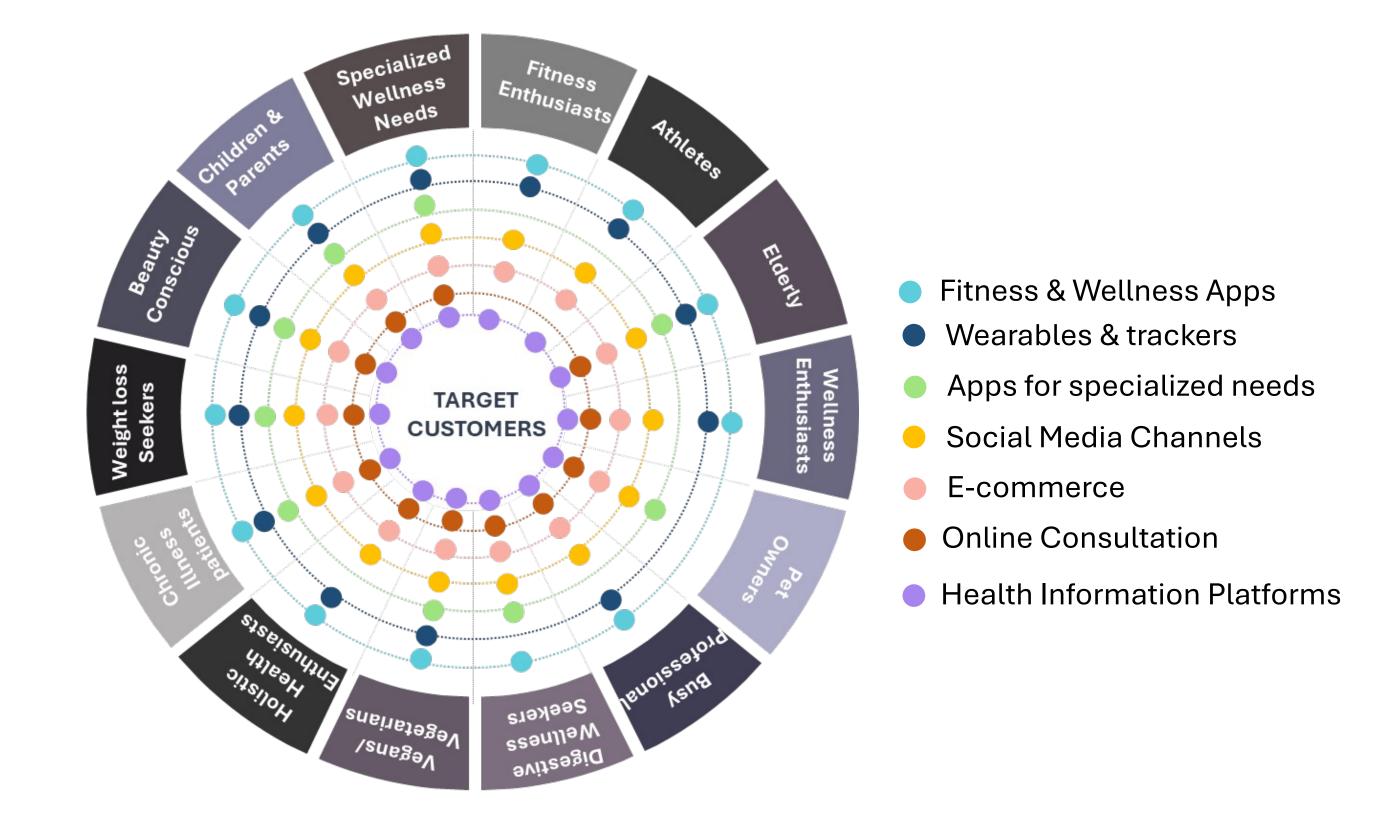
Growth drivers:

- Preventive healthcare
- Lifestyle disorders

Understanding Customers

Gaining deep insights into consumer preferences, behaviors, and evolving health needs is essential for developing products that truly resonate consumers.

Customer Segments and Touch points:



Customer Priorities and Trends:

- A large majority of consumers prioritize wellness, with 82% in the U.S., 73% in the UK, and **87**% in China.
- Gen Z and millennials are leading wellness spending, focusing on health, sleep, nutrition, fitness, appearance, and mindfulness.
- Consumers prioritize **efficacy** and **scientific credibility** when selecting wellness products.
- **Doctor recommendations** have the greatest impact on consumer decisions regarding wellness products.
- There is a growing shift toward preventive care and the management of health at home.
- The integration of **biomonitoring and wearables** is increasing, providing a more holistic approach to wellness.

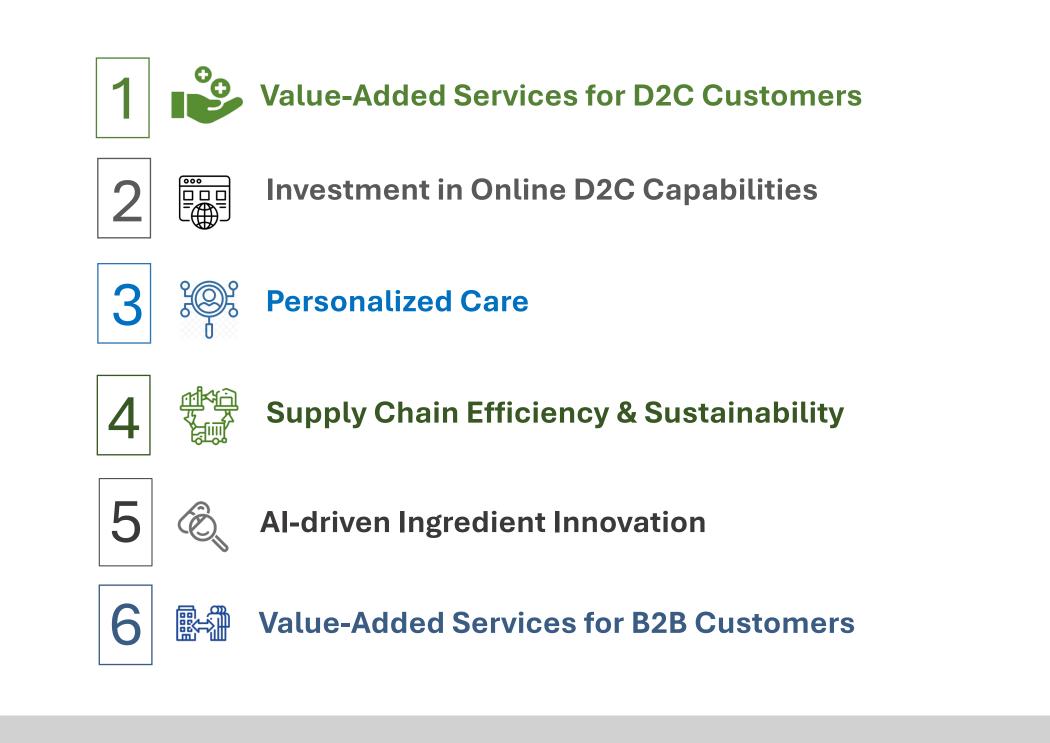
Areas of Growth in Wellness Sector Weight Management Sexual Health

COMPETITOR ANALYSIS

We examined the strategic investments and partnerships of leading nutraceutical companies to gain insights into their market strategies, innovation trends, and areas of competitive advantage

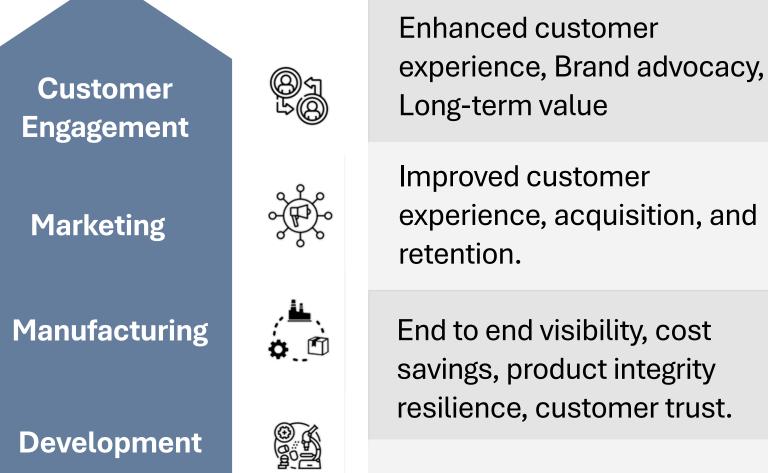


- **B2B and D2C Focus:** Leading nutraceutical companies are strengthening both B2B and D2C channels through a mix of digital and non-digital technologies.
- Data Collection: Widely utilized to predict consumer preferences and provide personalized recommendations using wearable data and personalized quizzes.
- Analyzing industry trends, we identified six key areas where digitalization efforts are concentrated



RECOMMENDATIONS

Our recommendations included digital strategies across various value creation layers, including product development, manufacturing, marketing, customer engagement, and sales.



- experience, acquisition, and
- savings, product integrity resilience, customer trust.
- Accelerated innovation, Competitive edge, Market differentiation
- The actionable recommendations were ranked based on anticipated benefits and time to implement, ensuring Maypro's digital strategies drive short-term success while fostering long-term growth.
- By focusing on digital initiatives across all layers of value creation—from product development to sales—Maypro can secure a competitive advantage in the rapidly evolving nutraceutical market.
- Effective integration of digital health solutions requires a strong digital marketing foundation.

Digital Marketing



- Develop brand awareness
- Understand partners Manage marketing

Digital Health

- Measure market share
- Competitor analysis
- channels
- Gain general consumer insights

- Understand individual preferences / goals
- Foster engagement and brand loyalty
- Personalize individual experience
- Foster research and development

CONCLUSIONS

- Focus on Product Innovation and Digitalization: Product innovations and the digitalization of operations is crucial for Maypro's long-term growth and competitive positioning in the wellness market.
- **Meeting Consumer Expectations:** Integrating personalized health solutions through digital technologies like AI and wearables will align Maypro with evolving consumer demands for preventive care.
- Strategic Partnerships: Partnerships to strengthen B2B and D2C strategies will enhance product credibility and customer loyalty.







3960 Broadway, Suite 501 New York, NY 10032 Authors would like to acknowledge the HITLAB research team and Maypro team for Phone:740-837-0533 their support throughout the study.

HITLAB