



ACCESSIBLE CARE TO EVERYONE

“HEALTH TECH HORIZONS”

"Digital Health Revolution: Bridging Gaps and Fostering Well-being Through Innovative Technologies"

HEALTH TECH HORIZONS

TEAM

01. ROSHNI VS GOWDA

2023CI0041

02. VIKRAM A

2023CI0035

03. SOUPARNIKA R

2023CI0028

04. SAMEEKSHA M URS

2023CI0100

05. YAJNITH K

2023CI0034



PROBLEM STATEMENT

SUSTAINABILITY GOAL CHOSEN

Propose inventive tech interventions for promoting good health and well-being, emphasizing preventive healthcare, mental health support, and equitable access to medical resources.

SOLUTION DESCRIPTION :

Our solution combines AI-driven preventive healthcare apps and wearables, teletherapy platforms, and blockchain-enabled telemedicine for global health. It ensures personalized preventive care, mental health support, and universal access to medical resources, fostering a proactive and inclusive healthcare future.

MISSION

The sustainable goal chosen for this initiative is Good Health and Well-being from the United Nations' Sustainable Development Goals (SDGs)

VISION

This goal aims to ensure healthy lives and promote well-being for all at all ages, aligning with our tech-driven approach to enhance preventive healthcare, mental health support, and equitable access to medical resources.





PROBLEM:

The global health landscape faces challenges of inadequate preventive care, limited mental health support, and uneven access to medical resources. Lifestyle changes and disparities contribute to a health crisis, necessitating innovative interventions.

WHY AND HOW IT`S DONE?

To address this, our approach integrates technology solutions. AI-driven apps and wearables provide personalized preventive healthcare, teletherapy platforms offer accessible mental health support, and blockchain-enabled telemedicine ensures equitable access to medical resources. This tech-driven strategy aims to create a comprehensive and proactive healthcare system.

CHALLENGES FACED -

Implementing these solutions faces challenges such as ensuring data security in telemedicine, overcoming resistance to adopting new technologies, and addressing the need for widespread digital literacy. Additionally, establishing global infrastructure for telehealth may encounter regulatory and logistical hurdles. Despite these challenges, the potential impact on health and well-being justifies the pursuit of these innovative solutions.

**EXPLORE A SUBSCRIPTION MODEL FOR THE WELLNESS APP AND
TELETHERAPY PLATFORM, OFFERING PREMIUM FEATURES. CONSIDER
PARTNERING WITH EMPLOYERS FOR CORPORATE WELLNESS
PROGRAMS AND LEVERAGE BLOCKCHAIN FOR SECURE HEALTH DATA,
FOSTERING POTENTIAL COLLABORATIONS WITH INSURANCE
COMPANIES. THESE INNOVATIONS AIM TO CREATE SUSTAINABLE
REVENUE STREAMS AND ENHANCE THE OVERALL EFFICIENCY OF THE
HEALTHCARE ECOSYSTEM.**



WELLNESS APP





APPLICATION :

- 1. Develop a mobile app that uses AI to provide personalized preventive health tips based on users' lifestyle and health data.**
- 2. Implement virtual mental health check-ins via video calls, allowing users to connect with mental health professionals easily.**
- 3. Create a blockchain-based platform to ensure secure and transparent distribution of medical resources, promoting equitable access.**
- 4. Integrate wearable devices with machine learning algorithms to detect early signs of health issues and provide proactive interventions.**

ALSO

5. Establish virtual reality (VR) environments for therapeutic experiences, aiding mental health treatments and stress reduction.
6. Implement telemedicine kiosks in underserved areas, connecting users with remote healthcare professionals for consultations.
7. Develop an AI-powered chatbot for mental health support, offering real-time assistance and resources for those in need.
8. Utilize data analytics to identify health disparities and target interventions in communities with limited access to medical resources.
9. Deploy drones for medical supply delivery to remote areas, ensuring timely access to essential healthcare resources.





SERVICES

DIAGNOSTIC SERVICES

We can provide laboratory tests and imaging services.

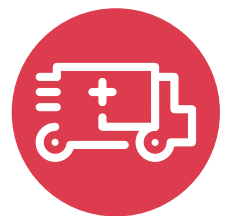
REHABILITATION SERVICES

We will have rehabilitation programs for patients recovering from injuries or surgeries.

MENTAL HEALTH COUNSELLING

Key Opportunities

A favorable landscape



Urgency



Necessity



Timing



Support



Impact



BARRIERS TO ACCESSING MENTAL HEALTH SERVICES

THE PANDEMIC-RELATED INCREASE IN MENTAL HEALTH ISSUES AMONG CANADIANS IS MADE WORSE BY AN ACCESSIBILITY PROBLEM.

SHORTAGE OF MENTAL HEALTH PROFESSIONALS
THERE'S A PRESSING NEED FOR MORE MENTAL HEALTH SERVICES AND SUPPORT IN CANADA.
RESEARCHERS FOUND THAT 32% OF CANADIANS FEEL THEY NEED PROFESSIONAL MENTAL HEALTH CARE BUT CAN'T ACCESS IT (SOURCE: HEALTHING).

STIGMA:

STEREOTYPES SURROUNDING THOSE WITH MENTAL ILLNESSES PREVENT PATIENTS FROM SEEKING THE HELP THEY NEED. ACCORDING TO A WORLD HEALTH ORGANIZATION STUDY, 30 TO 80 PERCENT OF THOSE WITH MENTAL HEALTH ISSUES DON'T SEEK TREATMENT (SOURCE: HIGH WATCH RECOVERY). IT'S COMMON TO HEAR STEREOTYPES ABOUT PEOPLE WITH MENTAL HEALTH ISSUES LIKE THEY'RE DANGEROUS, INCOMPETENT, OR RESPONSIBLE FOR THEIR ILLNESS (SOURCE: PROGRESS IN MIND).

A SIGNIFICANT SHORTAGE OF PSYCHIATRISTS, CAUSING LONG WAIT TIMES OF BETWEEN 6 MONTHS TO A YEAR, IS MAINLY RESPONSIBLE FOR THE LACK OF ACCESS (SOURCE: HEALTHING). THERAPISTS AND COUNSELLORS FACE A SIMILAR PROBLEM, WITH 1 IN 10 PATIENTS WAITING UP TO FOUR MONTHS TO ACCESS COUNSELLING SERVICES (SOURCE: THE STAR).



THANK YOU !!

**TEAM
HEALTHTECH
HORIZONS**