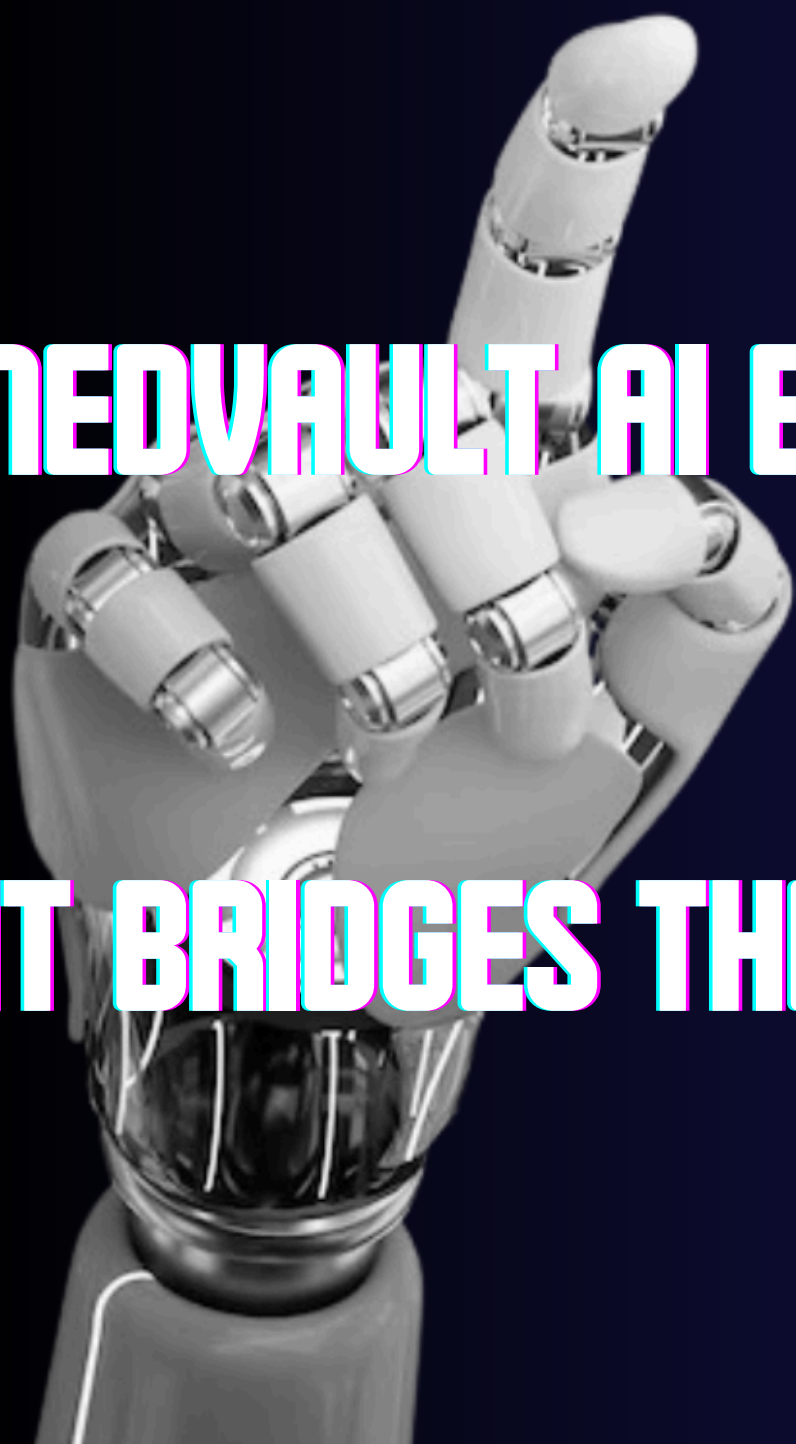


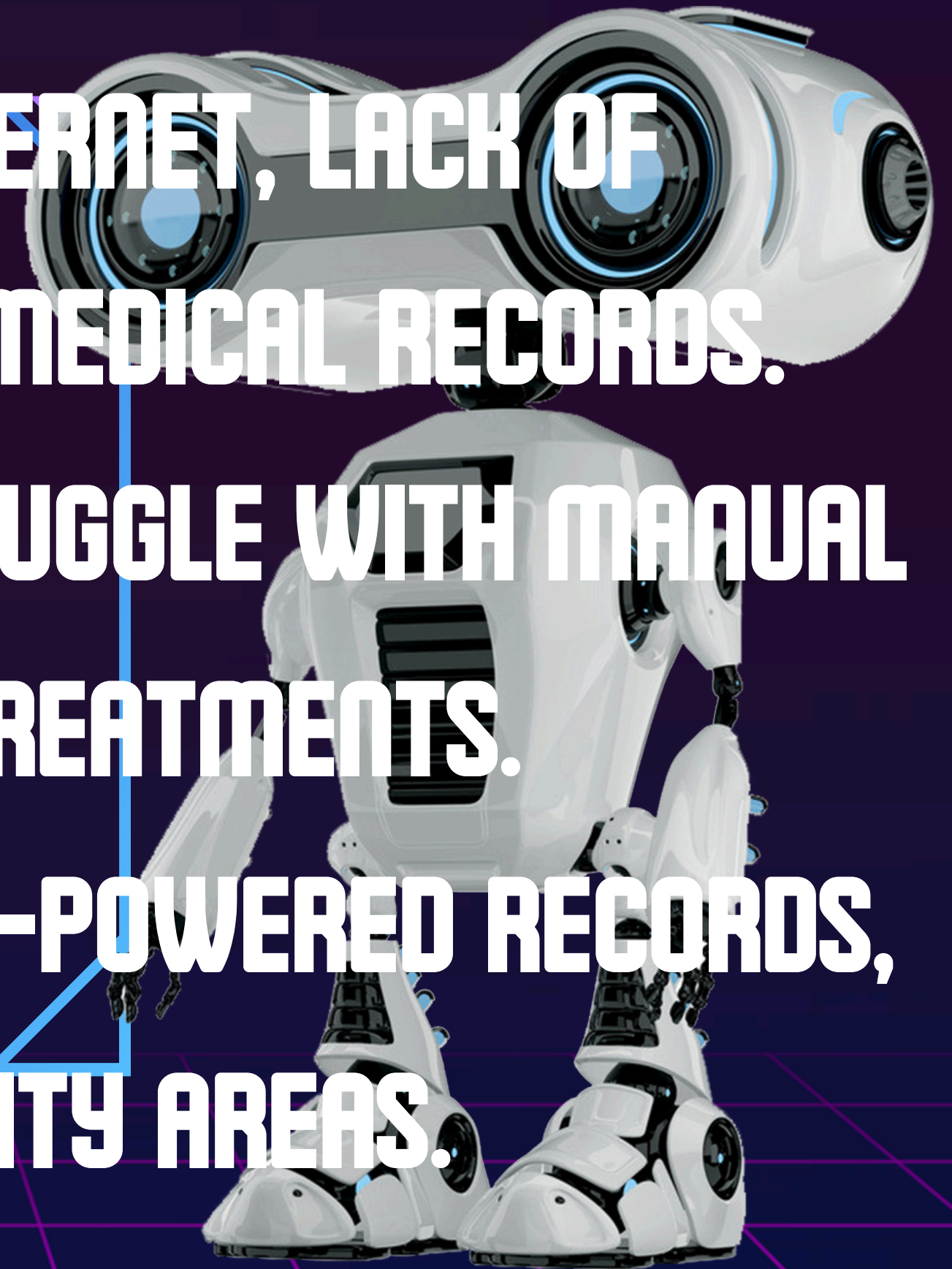
**MILLIONS IN RURAL AREAS STRUGGLE WITH FRAGMENTED
HEALTHCARE RECORDS DUE TO WEAK INTERNET AND LIMITED
RESOURCES.**

**MEDVAULT AI ENSURES SECURE, OFFLINE-FIRST, AND AI-POWERED
HEALTH RECORD MANAGEMENT.**

**IT BRIDGES THE HEALTHCARE GAP WITH SMART CONNECTIVITY &
ACCESSIBLE SOLUTIONS.**



**RURAL AREAS FACE WEAK INTERNET, LACK OF
SMARTPHONES & FRAGMENTED MEDICAL RECORDS.
COMMUNITY HEALTH WORKERS STRUGGLE WITH MANUAL
PAPERWORK & DELAYED TREATMENTS.
MEDVAULT AI PROVIDES SECURE, AI-POWERED RECORDS,
EVEN IN LOW-CONNECTIVITY AREAS.**



KEY FEATURES

OFFLINE-FIRST AI HEALTH RECORDS – WORKS SEAMLESSLY IN WEAK INTERNET AREAS & syncs WHEN ONLINE.

AI-POWERED MENTAL HEALTH INSIGHTS – EARLY DETECTION OF DEPRESSION, ANXIETY, AND PTSD.

SMS-BASED MEDVAULT ACCESS – HEALTH WORKERS CAN RETRIEVE & UPDATE RECORDS WITHOUT A SMARTPHONE.

COST-BASED TREATMENT SUGGESTIONS – AI RECOMMENDS AFFORDABLE MEDICINES & TREATMENT PLANS.



SOLUTION – MEDVAULT

MEDVAULT IS AN AI-POWERED HEALTH RECORD SYSTEM DESIGNED FOR ALL CONNECTIVITY LEVELS.

- ✓ **STORES HEALTH DATA IN THE CLOUD & OFFLINE FOR ACCESSIBILITY.**
- ✓ **AI-DRIVEN HEALTH RISK PREDICTIONS FOR CHILDREN & ADULTS.**
- ✓ **WORKS VIA SMARTPHONE, SMS & USSD FOR LOW-CONNECTIVITY AREAS.**
- ✓ **INTEGRATES WITH UNICEF'S HEALTH PROGRAMS FOR REAL-TIME SUPPORT.**

🎯 EMPOWERING PATIENTS, DOCTORS & COMMUNITY HEALTH WORKERS WITH AI-POWERED INSIGHTS.



HOW IT WORKS? (TECH OVERVIEW)

● 1. PATIENT REGISTRATION:

USERS CAN REGISTER VIA APP, SMS, OR HEALTH WORKERS.

● 2. AI-POWERED HEALTH RECORD & PREDICTIONS:

AI ANALYZES PATIENT DATA TO PREDICT RISKS LIKE MALNUTRITION, MENTAL HEALTH ISSUES, OR CHRONIC DISEASES.

● 3. SMS & OFFLINE ACCESS:

WORKS IN LOW-INTERNET AREAS USING SMS/USSD-BASED QUERIES.

● 4. INTEGRATION WITH UNICEF & LOCAL HEALTH NETWORKS:

CONNECTS WITH UNICEF'S CHILD HEALTH & NUTRITION PROGRAMS.

➡  EXAMPLE SMS QUERY:



"MEDVAULT KID 102"



RESPONSE: "AYAAN, 4 YEARS. NEXT VACCINE: POLIO. RISK: MALNUTRITION. VISIT NEAREST UNICEF CENTER."



GOAL OF MEDVAULT

ENSURE SEAMLESS HEALTHCARE ACCESS IN RURAL & LOW-CONNECTIVITY AREAS.

EMPOWER HEALTH WORKERS WITH AI-DRIVEN PATIENT RECORDS & INSIGHTS.

ENHANCE DIAGNOSIS, TREATMENT & DATA SECURITY WITH SMART TECHNOLOGY.



FEATURES & INNOVATION 🔥

✅ 1. AI-POWERED HEALTH RISK PREDICTIONS 📊

ANALYZES SYMPTOMS & SUGGESTS EARLY INTERVENTIONS.

CHILD-SPECIFIC PREDICTIONS: GROWTH TRACKING, MALNUTRITION DETECTION, MENTAL HEALTH RISK ANALYSIS.

✅ 2. MULTI-PLATFORM ACCESS (APP + SMS + OFFLINE MODE) ➡📱

ACCESSIBLE ANYWHERE, EVEN WITHOUT INTERNET.

✅ 3. SMART CLINIC VISIT LOGS 🏥

TRACKS PATIENT VISITS & FOLLOW-UPS.

✅ 4. RURAL CONNECTIVITY & COMMUNITY HEALTH WORKERS SUPPORT 🏠

MEDVAULT WORKS EVEN IN THE MOST REMOTE AREAS.

✅ 5. UNICEF & NGO INTEGRATIONS 🌐

DIRECTLY CONNECTS AT-RISK CHILDREN TO UNICEF'S HEALTH & FOOD PROGRAMS.

REAL-WORLD IMPACT

WHO BENEFITS?

- ✓ **RURAL PATIENTS – GET ACCESS TO PERSONALIZED AI-DRIVEN HEALTH INSIGHTS.**
- ✓ **DOCTORS & HEALTH WORKERS – USE AI TO PREDICT & PREVENT DISEASES.**
- ✓ **CHILDREN & PARENTS – TRACK VACCINATION, GROWTH & RISK FACTORS IN REAL TIME.**
- ✓ **UNICEF & NGOS – IDENTIFY & PRIORITIZE HIGH-RISK CASES FOR INTERVENTION.**

EXAMPLE CASE STUDY:

RURAL KENYA: A CHILD WITH EARLY SIGNS OF MALNUTRITION GETS FLAGGED BY MEDVAULT AI. UNICEF'S LOCAL NUTRITION PROGRAM INTERVENES, PREVENTING LONG-TERM HEALTH DAMAGE.

MARKET & SCALABILITY 🏆

🎯 TARGET AUDIENCE & MARKET POTENTIAL

RURAL & LOW-CONNECTIVITY REGIONS (~3 BILLION PEOPLE)

COMMUNITY HEALTH WORKERS (~6 MILLION GLOBALLY)

CHILDREN & FAMILIES IN DEVELOPING REGIONS

🌍 EXPANSION STRATEGY:

- ✓ **PHASE 1: PILOT IN 3 UNICEF-TARGETED REGIONS (AFRICA, SOUTH ASIA, LATIN AMERICA).**
- ✓ **PHASE 2: EXPAND TO GOVERNMENT HEALTH SYSTEMS & NGOS.**
- ✓ **PHASE 3: AI INTEGRATION WITH GLOBAL HEALTH NETWORKS.**

📊 SUSTAINABLE MODEL:

SUPPORTED BY GOVERNMENT HEALTH PROGRAMS, NGOS & PUBLIC-PRIVATE PARTNERSHIPS.

TECHNOLOGY STACK

- ◆ **AI & MACHINE LEARNING – HEALTH RISK PREDICTIONS**
- ◆ **CLOUD & LOCAL STORAGE – ENSURING ACCESSIBILITY**
- ◆ **SMS & USSD INTEGRATION – FOR AREAS WITHOUT INTERNET**
- ◆ **DATA SECURITY & PRIVACY – ENCRYPTED HEALTH RECORDS**
- ◆ **APIS FOR UNICEF & HEALTHCARE NETWORKS – SEAMLESS INTEGRATION**

THANK YOU

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