CHILD GROWTH
MONITORING SYSTEM

MWI
MediWaves

AR-Powered Health Tracker for Early Malnutrition Detection

Track. Analyze. Act.

Empowering child health with technology

www.medi-waves.com

AI-Powered Health Tracker for Early Malnutrition Detection

Child Growth Monitoring System (CGMS)

Why We Need to Monitor Child Growth ?

Globally, 1.5 billion children face the risk of malnutrition. Traditional tools fail to offer real-time, reliable tracking—especially in schools with limited resources.

What are the Challenges ?

- Unreliable Tools
- Problematic Data Processing
- Lack of Experts
- Inconsistent Methods

Our Solution

CGMS by MediWaves transforms the way we monitor child growth using AI-driven, contactless digital tools, making health data accurate, fast, and secure.

WHO BENEFITS FROM CGMS?

Schools & School Health Programs
large-scale screening

CSR Initiatives & NGOs
impact tracking for nutrition

Nutritionists & Pediatricians
clinical-grade monitoring

Government Health Schemes
scalable, report-ready data

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SEAMLESS, SMART & SCALABLE

Here's How CGMS Works ?

1.

Unique QR Code generated for each student — avoids duplication.

2.

App scans QR, fetches their profile.

3.

Weight Automatically Captured synced via connected blue tooth scale & data transferred to our mobile app.

4.

Photo Captured via Smartphone — AR detects height instantly

5.

App Records the Height & Weight Data & records in the QR code generated

6.

Health Data Synced to Portal — real-time access, high privacy.

"Realtime records can be checked on a screen through software"

Anganwadi Worker	District Health Officer	WCD office

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WHY DIGITAL BEATS MECHANICAL:

A Side-by-Side Comparison

Feature	Digital CGMCGM	Manual CGM
• **Accuracy**	AI and sensors ensure precision	Human errors, aging equipment affect readings
• **Data Recording**	Automated, cloud-stored	Manual entry, prone to mistakes
• **System Integration**	Syncs with EHR & Telemedicine	Requires manual data records
• **Measurement Speed**	Instant, contact less	Time-consuming, uncalibrated
• **Smart Analytics**	Alerts for abnormal growth trends	Not available
• **Remote Monitoring**	Cloud access anytime, anywhere	Requires physical presence
• **Maintenance & Reliability**	Minimal upkeep needed	Frequent calibration & mechanical wear & tear

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