

MAMA APP(MEDICAL ADHERENCE MATERNAL APPLICATION)

Additional **ADD A AI BOT**

Addition multiple user can be use in 1 acct like pwedi mag gamit ang anak inaalagan pati mga matanda can be chronic and goal of the app

1. MedInfo Hub (Medication Education Center)

An educational section that explains medicines in **simple language** using **visual icons, infographics, and short video guides**.

- Explains dosage, purpose, and side effects in mother-friendly terms.
- Includes a **FAQ section** answered by health professionals.
- Content available in **English and local dialects (Filipino, Cebuano)** for accessibility.

2. Smart MedGuide (Interactive Learning + Adherence Support)

Combines medication education and adherence tracking in one feature.

- Provides **visual, voice, and text-based instructions** for dosage, timing, and intake method.
- Sends **personalized reminders** (voice, text, icons) in local dialects.
- Mothers can mark medicines as **“Taken” or “Missed.”**
- Automatically logs adherence data and generates **weekly/monthly reports** shareable with health workers.

3. Personalized Medication Schedule

Organizes all prescribed medicines into a **clear daily timeline**, avoiding confusion when taking multiple drugs (vitamins, supplements, antibiotics).

4. Reward & Motivation System

Encourages consistent medication use through **gamified features**:

- Earn **points, badges, or streaks** for regular adherence.
- Rewards can be exchanged for **health kits or community incentives** through local partnerships.

5. Secure Chat & Messaging

Direct communication with health workers or pharmacists:

- Mothers can ask questions about **dosage, side effects, or alternatives**.
- Health professionals can respond within the app for clarity and safety.



6. Virtual Consultation (Tele-Health)

Enables **video or audio consultations** with a pharmacist or health worker.

- Especially useful for mothers in **remote areas** or those unable to visit health centers.



7. Prescription Verification & Upload

- Allows mothers to **upload pictures of prescriptions**.
- Pharmacists verify the medicine's accuracy and give **safe-use instructions**.



8. Adherence Tracker & Feedback

- Provides **timely medication reminders** with options for “Taken” or “Missed.”
- Displays **daily or weekly adherence scores** in percentage or icons (e.g., smiley faces).
- Helps mothers monitor and improve their medication habits.



9. Drug Interaction & Pill Identifier

- Built-in **Drug Interaction Checker** warns of possible drug–drug or food–drug interactions.
- **Pill Identifier** lets mothers verify medicines via photo or scan to prevent confusion or errors.



10. Health Record Integration

Stores digital records such as **prescriptions, lab results, and vaccination history**.

- Easy to share with doctors during visits or consultations.



11. Symptom & Side Effect Tracker

- Mothers can **log new symptoms** or side effects.
 - The app generates reports for health workers and uses **AI to classify urgency** (mild vs. serious).
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12. Medication Refill Locator

- Helps mothers find the **nearest pharmacy or health center** for refills.
 - Provides contact info, operating hours, and directions.
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13. Emergency & Missed Dose Guidance

- Gives step-by-step instructions for **missed doses, side effects, or overdose situations**.
 - Displays contact info for **nearest health centers or emergency numbers**.
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14. Voice-Assisted Navigation

- Provides **audio guidance** for mothers multitasking or caring for infants.
 - Available in **local dialects** for inclusivity and ease of use.
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15. Daily Health Journal

- Lets mothers **log symptoms, moods, meals, and medication intake**.
 - Helps identify health patterns and supports better consultations.
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16. Offline Access

- Key features such as **educational guides, reminders, and FAQs** work even **without internet**, ensuring accessibility in low-connectivity areas.
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17. Health Milestone Tracker

- Tracks **maternal recovery, baby's health progress, and breastfeeding goals** alongside medication adherence.

Multi-User Access Feature

allows **multiple users to be managed within a single account**. This feature is designed for families or caregivers who administer medications to several members, such as both mother and child. Each user has a separate medication schedule, adherence log, and health record under one primary account, promoting coordinated care and convenience for families sharing one device.

AI Health Assistant

Powered by **artificial intelligence**, this feature acts as a **virtual health companion** within the app. The AI can:

- Analyze adherence patterns and provide **personalized recommendations** or motivational reminders.
- Offer **smart medication explanations**, answering user queries about dosage, timing, or side effects using simplified, verified health information.
- Detect **potential issues**, such as frequent missed doses or harmful drug combinations, and suggest consulting a health worker.
- Assist in **symptom evaluation**, classifying reports as mild, moderate, or urgent.

This AI integration enhances the user experience by offering real-time, data-driven guidance while supporting health literacy and adherence.