

AI Design & Strategy Medimind

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The Problem



- Many people struggle to keep track of their symptoms, medications, and wellness routines.
- Preventative care is often confusing or inconsistent, especially without clear guidance.
- Users often forget refills, miss symptom patterns, and received overwhelming information online
- There needs to be a simple, reliable tool to help people stay organized and informed about their everyday health

Our Solution



Medimind is a virtual health assistant designed to support everyday wellness by helping users:

- Describe symptoms and receive basic guidance
- Track medications and refill reminders
- Stayed organized with personal health routines
- Access helpful, easy to understand health information

AI/ML Method for Medimind

MediMind will rely on two primary AI methods to support preventative care, medication management, and basic illness guidance:

NLP (Natural Language Processing):

- Understands user messages & symptoms
- Extracts key info (medications, refill dates, goals)

Classification Models:

- Predicts illness categories from symptoms
- Flags medication needs (on-time / due soon / overdue)
- Categorizes user health goals (exercise, diet, risks)

Data Acquisition Plan & Model Limitations

Data Sources:

- **Public datasets:** CDC, WHO, FDA DailyMed, RXNorm
- **Kaggle:** Disease symptom datasets
- **Synthetic data:** Fake symptom logs, medication schedules, calendar reminders

Limitations / Risks:

- Symptom overlap → misclassification
- Dataset bias affecting fairness
- Privacy risks from email/calendar use
- NLP errors or incorrect suggestions
- Users may rely too heavily on AI

Market Fit



Why Medimind Fits the Market

Who its for:

- People wanting for a simple way to manage symptoms, medication schedules, and there wellness habit.

Needs it meets:

- Helps users stay on top of their health
- Organizes key info in one place
- Provides lightweight AI-powered wellness guidance

Value:

MediMind reduces confusion, encourages healthier routines, and supports users between doctor visits

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Ethical Considerations

- **Privacy & data protections:** Health information must be handled with strict security practices.
- **Limitations:** MediMind is not a doctor and only provides general guidance.
- **Data bias risks:** Datasets may include demographic bias that could affect fairness.
- **Transparency:** Users should know how suggestions are generated and how their data is used

What MediMind Offers



- Symptom description and tracking
- Medication reminders to refill guidance
- Wellness suggestions (exercise, habits, routines)
- Simple conversational AI interface
- Easy organization of health information

Medimind is designed to help users stay consistent and proactive with their everyday health.

Questions?

