**Problem – Solution Fit Template**

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Project Name: HealthAI – IBM Granite-Powered Medical Assistant

**Problem – Solution Fit Template:**

# 1. Target Customer

Individuals seeking reliable, accessible medical advice online; primary targets include:

* Patients in remote or underserved areas
* People looking for preliminary diagnoses or home remedies
* Users wanting second opinions before seeing a doctor
* Health-conscious individuals managing chronic conditions

# 2. Problem

Patients often face:

* Lack of immediate access to qualified healthcare professionals
* High consultation costs and long wait times
* Uncertainty about symptoms and self-diagnosis risks
* Language or digital barriers in navigating healthcare portals

# 3. Existing Alternatives

* Visiting general physicians or clinics
* Searching symptoms on unreliable websites
* Using basic symptom checker apps
* Relying on forums or social media advice

**4. Solution** HealthAI offers:

* Instant AI-powered symptom analysis and medical Q&A
* Integration of IBM Granite 3.3’s powerful medical reasoning
* Suggestions for home remedies, treatments, and explanations
* Simple, user-friendly interface through Gradio or Streamlit - Privacy-first, non-invasive interaction

# 5. Key Benefits

* Reduces pressure on healthcare systems by triaging basic queries
* Saves time and cost for users needing quick answers
* Improves health awareness and personal condition tracking
* Encourages safe, informed decisions based on AI-curated responses

# 6. Unique Value Proposition

"HealthAI empowers individuals to understand their health better by delivering trusted AI medical assistance—fast, accurate, and free at your fingertips."

# 7. Channels

* Web-based interface (Gradio / Streamlit app)
* Social media campaigns
* Health blogs and newsletters
* Integration with online patient forums and communities

# 8. Customer Behavior & Insights

* Many users consult the internet before visiting a doctor
* Trust in AI is increasing, especially for low-risk advice
* Desire for 24/7, multilingual, and mobile-friendly health support - Preference for anonymized queries without judgment

**9. Why Now?**

* Surge in digital health awareness post-pandemic
* Advancements in large language models like IBM Granite
* Need for scalable, AI-powered healthcare assistants
* Rising demand for affordable and accessible medical help