

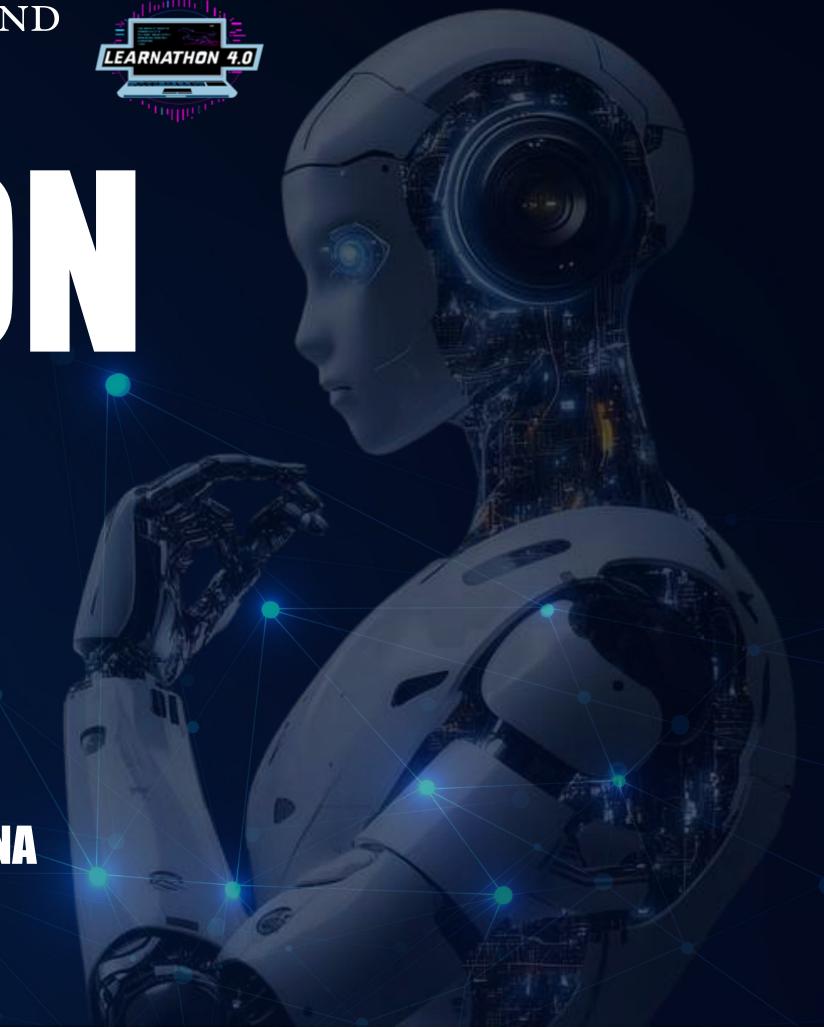
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Problem Statement 3:

Al-Powered Diagnostic Chatbot for Rural Healthcare Accessibility In rural areas, timely healthcare access is limited, impacting the quality of medical interventions. Design an accessible, Al-driven chatbot platform (voice or text-based) that interactively assesses basic health symptoms, categorizes potential health issues, generates detailed preliminary diagnostic reports, and provides referrals to qualified medical practitioners in nearby urban centers.

Core Objectives:

- Simplified, multilingual, interactive user interface
- Accurate AI-driven initial diagnosis and reporting
- Integration of referral mechanisms for specialized medical care
- Accessible via basic mobile devices for broad reach

HealthConnect Al: (Smart Healthcare Guidance at Your Fingertips)
Bridging the gap between patients and timely medical help using Al-powered chatbot technology.

Introduction:

- An Al-powered healthcare chatbot designed for rural and underserved communities.
- Enables users to describe health issues via simple voice or text input.
- Provides instant analysis of symptoms and suggests likely health conditions.
- Offers trusted home remedies and basic medicine recommendations.
- If necessary, refers users to verified doctors or specialists nearby.
- Fully accessible via basic mobile devices, no smartphone required.
- Aims to deliver affordable, fast, and reliable healthcare supportanytime, anywhere.

The Problem Gaps in Healthcare Access:

- Limited access to doctors and clinics in rural areas.
- Delayed diagnosis due to travel or lack of awareness.
- Over-reliance on home remedies or unqualified advice.
- Lack of proper information on symptoms, medicines, or when to see a specialist.
- No immediate support for minor but concerning health issues.

Our Solution - (HealthConnect AI):

- Users describe symptoms like cold, fever, headache, etc., using text or voice input.
- Al analyzes the input and suggests possible causes or related health conditions.
- Recommends relevant home remedies and over-the-counter medicines.
- If necessary, refers users to qualified specialist doctors with contact details.
- Works on basic mobile phones, making it accessible even in low-resource areas.

How healthconnectal works:

- 1. User inputs symptoms (e.g., 'I have a headache and mild fever')
- 2. Al processes data and identifies possible condition (e.g., 'Likely common viral infection')
- 3. Chatbot provides remedies and medicines (e.g., 'Take paracetamol 500mg, rest, stay hydrated')
- 4. Refers to nearby doctor if condition requires medical attention (e.g., 'Contact Dr. Anjali, General Physician')
- 5. Generates a preliminary report to help the doctor with faster consultation

Conclusion:

- •HealthConnect AI bridges the gap between early symptoms and timely medical help.
- •It empowers individuals in rural areas with instant, Al-driven healthcare guidance.
- •Reduces the burden on hospitals by managing minor ailments efficiently at the community level.
- Encourages preventive care and early intervention through accessible technology.
- ·With the right partnerships, HealthConnect Al can redefine prim