USHA

Integrated Healthcare Accessibility and Monitoring Tool

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PROBLEM:

Since independence, focus of public health has been on rural areas. Delivery of urban healthcare service is a complex issue considering the involvement and coordination of different tiers of government. This has resulted in neglect of systematic planning for health care infrastructure and delivery of comprehensive healthcare service for urban population. Due to negligence and lesser priority to Primary and Community Healthcare Centers (PHCs & CHCs) resulted in lack of infrastructure and workforce to provide preventive, promotive, and basic clinical care.

IDEA:

Keeping the current scenario and upcoming challenges in mind and the need of digital intervention in urban healthcare system and services the team intended **to connect service provider, service seeker and decision makers on a single platform**. The team **intended to strengthen the municipal role as healthcare service provider by providing an integrated accessibility and monitoring platform for better and informed healthcare planning and management in an urban area.**

The project involves a community participatory approach to understand and analyze various on ground issues and problems of different stakeholders. Mapping and gap identification in healthcare infrastructure and resources, predictive analysis of diseases and its affected areas.

AIM:

- **To integrate data with city layer mapping (Health infrastructure (public & private), vulnerable communities, Healthcare Human Resource etc.) using GIS/ICCC**
- **To design & develop accessibility app for citizens and healthcare workers using technological intervention**
- **To provide an integrated platform for SPV/ULB to monitor and systematically plan for healthcare services using AI and Machine learning**

UNIQUE FEATURES:

The project has unique features such as:
- One Stop Shop - for connecting citizen, healthcare provider and SPV
- One City One Platform - for monitoring and management
- Online Healthcare Services – diagnosis, consultation, medicines, access to reports, grievance redressal etc.