

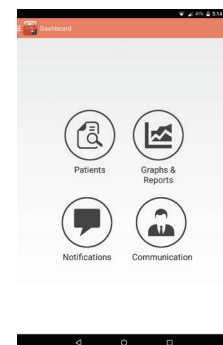


eHATID LGU: eHealth TABLET (Technology Assisted Boards for LGU Efficiency and Transparency) for Informed Decision-making of Local Government Units

eHATID LGU is a cost-efficient, easier to use, PhilHealth-certified electronic medical record (EMR) system.

It is a mobile android-based application with four modules: (1) **EMR module** which can function in online (with internet) or offline (without internet) mode; (2) **notifiable diseases module** which acts as a surveillance mechanism for infectious diseases or epidemics by providing real-time notifications to the users when a certain disease reaches its set threshold level; (3) **mayor-doctor communication module** which provides

bi-directional correspondence channel between the local chief executive and the head municipal/city health officer regarding all health-related concerns of their LGU; and (4) **local health dashboard** which provides visualization of its aggregated morbidity data using graphs and maps. It has web components that manage user registration, patient records (e.g. download, batch upload, transmission to PhilHealth), and reports generation.



THE PROBLEM

The Philippine healthcare system has the following challenges, namely: (1) access to healthcare services, (2) access to PhilHealth benefits, and (3) access to real-time information for decision-making. Geographical barriers isolate the people from accessing life-saving healthcare services, while manual and printed records of health data and information may constrain policymakers in formulating relevant policies to address the country's existing and emerging health concerns. PhilHealth requires healthcare facilities to submit data electronically using certified EMR for benefit claims and as part of its accreditation requirements. With the use of technology, our healthcare staff needs to be capacitated.

THE SOLUTION

eHATID LGU is a PhilHealth-certified EMR used for benefit claims, surveillance tool for notifiable diseases, communications tool for LGU's healthcare workers and chief executives, and a predictive analytics tool using online data. These online data are managed and stored securely in GovCloud facility of DICT. eHATID LGU can generate DOH-based reports timely and accurately using online data, no more long tedious manual computation. It provides dashboard for better visualization of online data. It has offline features to address low to no Internet connectivity of areas especially the far-flung ones.

Why is this solution special?



eHATID LGU is enhanced to be interoperable and integrate easily with other existing technologies, making it capable of requesting for reimbursement of PhilHealth benefits through electronic claims (eClaims), acts as a platform for recording and reporting of the people's nutrition data through the eHATID

Integrated Nutrition Module (eHAIN Mo), and provides capacity building resources to its users through the eHealth Training on Unified Resources Online (eTURO). It has a Technical Advisory and Reference Group for eHATID Morbidity Boards in Geospatial Graphs (eHaMBinGG), a multi-disciplinary group of experts created to provide inputs and direction for eHaMBinGG research works. eHATID LGU received the PCHRD Social Innovation in Health Initiative Award 2018 and is an active member of the Asia Pacific Advanced Network (APAN).

TARGET MARKET

- LGU healthcare facilities to generate reports to DOH and request for benefit claims from PhilHealth
- Private healthcare facilities to apply for license and request for benefit claims from PhilHealth
- Research institutions to have a recording and reporting system for researches



MARKET STRATEGY

eHATID LGU will be offered for non-exclusive licensing to other health information system (HIS) providers without EMRs. Public and private healthcare facilities may use it at a subscription fee or per successful claim of patient from PhilHealth.

STATUS

eHATID LGU prototype was deployed in 450 LGUs. It has passed and complied the requirements for PCB data uploading as per PhilHealth Circular 2016-0013 (Certificate No. E-001-07-017-004). Certificates of Copyright Registration and Deposit were issued by the National Library of the Philippines for its software application, website, analytics tool, and training manual (Registration Nos. N2017-298, N2017-299, N2017-300, and A2017-1608, respectively). Currently, it is being assessed for other IPs through the DOST's IP Rights Assistance Program.

WHAT WE NEED

To further develop our system in addressing the user 'pains' and challenges, we need investments to support our technical and operational expenses, and we need more adoptors of the technology, from both public and private sector, whether for health or non-health related use cases.

COLLABORATORS

- Department of Science and Technology (DOST) - Philippine Council for Health Research and Development (PCHRD)
- Department of Health (DOH) - Knowledge Management & Information Technology Service (KMITS)
- Philippine Health Insurance Company (PhilHealth)
- Department of Information and Communications Technology (DICT)



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