

Mission and Vision Statement for LibreHealth electronic health record (EHR) for education

Vision: create a state-of-the-art educational ambulatory electronic health record (EHR) that is customizable and affordable, with high usability and accessibility for a variety of health informatics, health information management and health science students

Mission: to utilize an existing open-source electronic health record (LibreHealth EHR) that will include de-identified patient-level data

Strategies: populate the open-source LibreHealth EHR with patient data from the 2011-2012 National Health and Nutrition Examination Survey (NHANES) data set

Goals: After implementation, the goals are as follows:

- Provide a realistic web-based EHR for informatics, HIM and health sciences students and instructors
- Host the EHR on a platform that is affordable for multiple users
- Develop real-world scenarios and case studies for the educational EHR
- Develop a research platform so NHANES data within the EHR can be mined

Objectives:

- Populate the EHR with selected patient data from NHANES 2011-2012 collection period by July 1, 2017
- Identify a web hosting service that allows multiple EHR instances and is affordable
- Create 5 teaching scenarios by August 1, 2017
- Identify the most secure method to give access to database data in LibreHealth for multiple instructors

Action plans:

- Technical:
 - Complete the uploading process of NHANES data
 - Identify the best web hosting platform for multiple universities to participate
 - Identify the best and most secure mechanism for data downloads for analysis
- Educational
 - Evaluate the membership and activities of the Education Team
 - Develop teaching scenarios and case studies for hands on exercises
 - Discuss at 2017 InSpire Conference
 - Identify test universities for the fall semester