MyEHI Business Plan

My Electronic Health Information (MyEHI)

Executive Summary

The problem: Patient inactivation and medical illiteracy lead to chronic diseases being ignored and sicker patients progress to symptomatic with higher emergency department utilization and hospital admissions and higher hospital readmission. Patients managing chronic diseases need a patient centered electronic health information solution.

Our mission is to create **Patient Centered Health Information Technology (PCHIT)**. Pitch-it is the first step in the implementation of the MyEHI Solution. One of the problems with Electronic Medical Records (EMRs) they are slaves to the professionals who create them. Providers have put a great deal of effort and invested greatly in their EMR. The provider uses their EMR to manage the medical treatment of their patients. Some medical practices subscribe to a Health Information Exchange (HIE) where their EMR can exchange information with other health care professional's EMRs within the HIE's network. Through their EMR providers access vendor neutral archives (VNAs) and picture archiving and communication systems (PACS) Primary Care Practices become repositories for Hospitals, Emergency Departments, Urgent Cares, Labs, Imaging, Pharmacies, Specialty Practices and more all creating and using the patients EHR to aid in that person's care and none of it readily available to the owner. The Primary Care Practice internet portal offers a secure, password protected, HIPPA compliant avenue for access to EHI.

The patient's Electronic Health Record (EHR) lives in many parts and in many places. With every provider the patient signs HIPPA agreements and creates medical information silos from each provider's domain. If the patient's Primary Care Provider practices in a high preforming Patient-Centered Medical Home or Comprehensive Primary Care Practice there is a good chance their medical file in the practice's EMR is current, comprehensive and meaningful. This patient has a long-term relationship with their primary doctor whose care team built or gathered the content of the patient file from their EMR and it lives in the database on the practice's server. The provider is the repository for the patients EHI. MyEHI makes the patient the depository of their own critical medical information and empowers them to take stewardship of their own EMR and to be in control of their own health and wellbeing.

PCHIT, pitch-it is a data collection application that will give every patient their own EMR. The patient-centered idea of MyEHI is to have a site where no matter the mode of transmission the patient can send or have sent personal health and critical medical information to a secure, encrypted, password protected, HIPPA compliant, current, comprehensive and meaningful Electronic Medical Record.
The patient receives a copy of lab results in the mail, he can scan it, fax it, email it, take a picture of it and text it, snail mail it, just pitch-it (PCHIT) and MyEHI will catch it, secure it, read it, store it, display it in a meaningful and accessible way, authorize it, share it and empower the patient to be the stewards of their own medical health and well-being. Using a digital foot print to engage patients and using MyEHI to display their physicians care plans for them, their current medications, their Patient Improvement Plans (PIP) as an empowering educational tool to manage their own good health and wellbeing.

The work the HEART Work Group is doing is remarkable work. The OAuth 2.0 protocol frameworks define a mechanism to allow a resource owner to delegate access to a protected resource for a client application. With access authorized OpenID Connect 1.0 & 2.0 protocols define an identity federation system that allows a relying party to request and receive authentication and profile information about the end user.

Allowing a third party to request and gain access to the resource the owner has delegated authority. Using the User Access Managed Access (UMA) protocol will increase baseline security, provide greater interoperability, and structure deployments in an m specifically applicable healthcare and patient needs. HEART WG implementation specifications will allow MyEHI to provide the user authorization authority over their own EHI from their own Resource Serve (RS) from their own user account site at www.MyEHI.co .

The HEART WG implementation specifications will make developing Application Programming Interfaces (API) a collaboration between EHI vendors, resources users and the individual.
MyEHI will link to Primary Care Practice (PCP) EMRs with online and asynchronous communication through the PCP's secure patient portal. MyEHI will link to HIEs to further assist in capturing EHI as it is created. Allowing the patients and their care givers the ability to share their health information with the providers they need and when they need it. MyEHI will improve the exchange and accessibility of consumer health data by offering a patient-centered home base in which it can live. MyEHI plans to make solution readily available with a consumer facing website MyEHI.co and employees a Bring Your Own Devise (BYOD) philosophy to expand available resources.

BUDGET:
$5K : Purchase an expandable sever and first work station to build a standalone cloud base storage facility to grow the MyEHI Vision . All other expense and manpower supplied by MyEHI volunteers Continue development of consumer facing website. Continue recruitment of local providers and patients to test the EHI Solution.

$20K : Purchase additional work station and first part-employee to help debug and beta test the application programing interface (API) using HEART Workgroup implementation specifications to open partnerships with other EHI provider API development projects.

$50K : Purchase third work station fund two part time employees. Upgrade server capacity. Launch MyEHI recruitment campaign for Cohort 1 of the MYEHI Membership Community. Invest in the development of "blockchain" technology to help increase document integrity and reduce waste and fraud. Invest and develop mobile app platform to allow providers and patients opportunity to use their smart phone technology to manage their EHI.

Membership fee is $12 a year. Success will be achieved in the launch phase of MyEHI when membership reaches 1 million and membership fees equate to a $1.2 million dollar budget in support of the MyEHI Solution as a self-contained, cloud based server and database storage facility for individuals who want to take ownership of their Electronic Health Information.