PseudoVet

Data Generation and VistA Import Proof-of-Concept

November 13, 2015

**Purpose:**  To prove we can take a health data set (synthetic or real) and import it successfully into a VistA database while maintaining its integrity for software development and testing.

**Objectives**: To programmatically perform the following as proof of concept -

* Assign patient to clinic
* Create appointment
* See patient generate progress note
* Have clinician create outpatient med order
* Have pharmacy finish the order (backdoor order entry)
* Patient label printed ~ considered filled
* Dispensed to patient

**Other Details**:

* **Hosting** – PseudoVet and the Core Reference Database (CRD) will be reside in the Future Technologies Lab (FTL) on public VistA instances
* **Number of Patient Records** – The target number of patient records is 10,000
* **Database** - The routines and data prepositioning is being developed along with utilities that will build the CRD into a Mongo Database with a schema structure that will support the generation of synthetic data that will be fed to one or multiple subordinate VistA databases

**Documentation**: <http://github.com/VHAINNOVATIONS/PseudoVet/>

**TimeTable**: 4-8 weeks