

DEPARTMENT OF VETERANS AFFAIRS

Grassroots Innovation

VHA Innovation Program (10P7I)

VA118-12-C-0067

Remote Veterans Apnea Management Portal (REVAMP)

Monthly Progress Report

September 5, 2013

Intellica

Improving Healthcare Through Intelligent Computer Applications

REVAMP

Project Management

Meetings/Deliverables:

- 08/08/13 REVAMP Technical Interchange Meeting
- 08/22/13 REVAMP Technical Interchange Meeting

REVAMP Software Status

- Development phase completed.

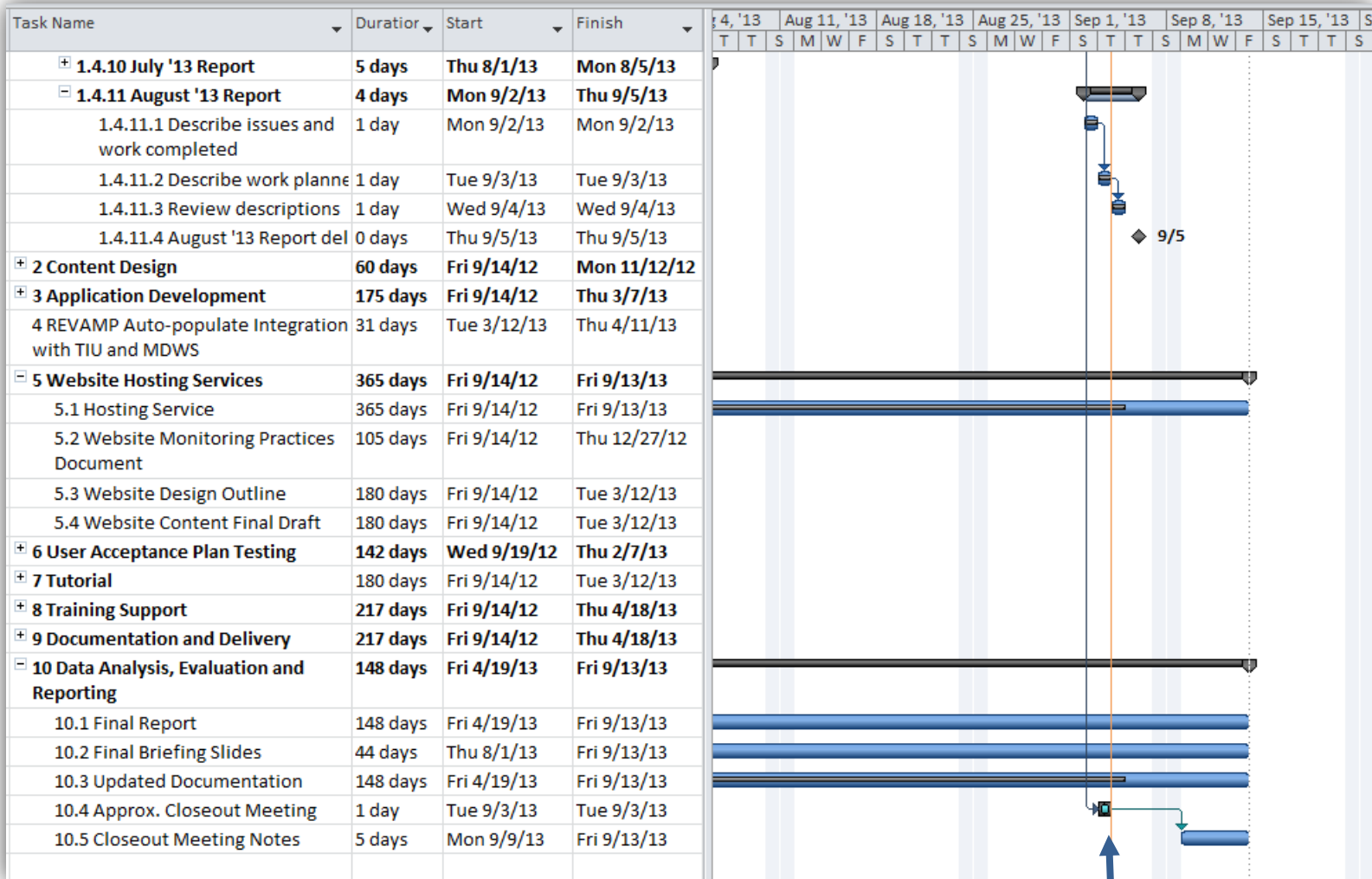
User Experience

Prototype is being used by Providers and Patients.

Planned Accomplishments

- 09/05/13 Monthly Report
- Continue Capturing Data in Analytic Tool

Overall Project Plan



Currently Here



Improving Healthcare Through Intelligent Computer Applications



Critical Path Activities – Status as of 31 August 2013

- Kickoff - Complete
- User Stories/Requirements – Complete
- Set up AutoPAP Data Exchange – Complete
- Veteran-facing Portal development – Complete
- VA-facing Portal development – Complete
- AutoPAP Interface development - Complete
- Analytical Tool development - Complete
- User Acceptance Testing - Complete
- Final Prototype – Complete
- Data Collection – In Progress
- Data Analysis, Evaluation, Reporting – TBD*
- Final Delivery – TBD*

*Decision Regarding Extending Hosting Pending

Open Action Item Summary

Action Item	Owner	Due Date	Status
Look into a contract mod to extend the time Intellica hosts the application	Intellica – Mr. Rafa Morales VA – Mr. Blake Henderson	ASAP	Pending – Mr. Henderson is following up on potential contract modification to extend hosting to 6 months (plus monthly meetings).
Review the requirements of the final report to ensure they are properly in sync with the current requirements of the VA.	VA - Dr. Kuna	Pending	Pending – Final report content will depend on whether contract is extended.
Create Transition/Installation Plan for REVAMP Application from Intellica to VA	Intellica – Mr. Rafa Morales VA – Mr. Blake Henderson	ASAP	Incomplete – 8/22/13 – Intellica asked if there is a VA Software Installation Plan template VA would like for Intellica to follow. Mr. Henderson will inquire about whether there is a template that Intellica needs to use. 8/8/13 – Mr. Henderson requested Intellica provide him with an explanation of what would occur if Intellica were to transfer REVAMP to VA in September. Intellica gave a general explanation.
MDWS Sandbox demographic data needed for testing	Intellica – Mr. Craig Rebo VA – Mr. Blake Henderson	5/15/2013	On hold – Ticket #2044 VA Help Desk 5/17/13 Mr. Rebo sent email with demographic data needed. Needed: sample patients with




Action Item	Owner	Due Date	Status
			demographic data in Sandbox to be able to test demographic fields.





Risk/Issue Tracker

Severity:

Low:  Moderate:  Significant:  Severe: 

Trend:

Steady:  Improving:  Deteriorating: 

Severity	Focus Area	Risk/Issue Description	Last Update	Mitigation Path	Trend	Owner
	AutoPAP interface	ResMed and Philips receive the CPAP data from the patient. Intellica needs access to this data.	08/31/13 Probability: L Impact: H	Communicating with ResMed and Philips regarding method of accessing data. Communicating with VA regarding agreements between the companies and VA.		Mr. Craig Rebo
	AutoPAP interface	Patient data will be received and needs to be matched to patient records. At times a patient may change machines.	08/31/13 Probability: L Impact: H	Communicating with ResMed and Philips to know how data can be identified. Incorporating fields in patients' records to ensure data is linked correctly.		Mr. Craig Rebo

Compilation of Technical Interchange Meeting (TIM) Minutes for August

Technical Interchange Meeting Minutes From Thursday, 08 August 2013

Topics Covered:

Status of Application

1. Feedback Philadelphia
 - a. Clinic is still trying to encourage the three patients that were initially enrolled to fill out the questionnaires.
 - b. Six new patients have been enrolled. These patients will not be given the sleep study monitor until they fill out and were given two weeks to complete the questionnaires.
 - i. Two of the six new patients have already filled out the questionnaires and have reported not having any issues responding to the questionnaires.
 - ii. One patient has logged on to REVAMP, but has not filled out questionnaires. The other three have not logged on to set up their account.
2. Feedback San Diego
 - a. Three patients have been referred to the program. Two of these have not responded and one is going back and forth with the clinic.

3. Clearing Data
 - a. Dr. Kuna asked if it was possible to remove mock patients from clinic.
 - b. Intellica can remove the patients or move them to the Demo clinic if provided with the names of the mock patients.
 - c. Mrs. Smith will email Dr. Kuna instructions how to move the patients to a different clinic.
4. Analytic Tool
 - a. Tool has not been used that much yet, but could provide good information.
 - b. Mrs. Smith will send out email to Dr. Kuna with Analytic Tool manual.
5. Adherence Study
 - a. Dr. Kuna is involved with another study in which patients are divided into 3 groups:
 - i. Patients with Usual Care
 - ii. Patients with Access to Web Site with their data
 - iii. Patients with Access to Web Site with their data and Financial Incentive (\$30 per night of at least 4 hr use for first week of treatment).
 - b. Results are not complete yet, but two groups are definitely higher. It was a three month study. There was a gradual decline as the three months passed, but the drop was parallel. The differences between the three were still noticeable as the usage declined.
6. Project Final Report/ Transition
 - a. The original concept was for Intellica to be aggregators of data.
 - b. There is currently not enough data for report.
 - c. VA will work with Intellica regarding the content of the final report. Topic will be discussed again in next meeting (August 22).
 - d. Intellica is willing to keep REVAMP up for another 6 months to allow VA to collect enough data.
 - i. Mr. Henderson will look into a contract mod. to extend the time Intellica hosts the application.
 - e. It was agreed that getting ten patients at each site would be a good sample population. Three month participation would be the goal, but one month would be acceptable if not.

- f. Mr. Henderson requested for Intellica to explain what it would look like for Intellica to transfer hosting to VA in September. Mrs. Smith will follow up on this.
7. SSL
- a. Dr. Kuna is still getting the security message when logging onto the site.
 - b. It was suggested he clear his cache.
 - i. Mrs. Smith will email the instructions for clearing cache.
8. Potential Funding Source
- a. Dr. Stepnowsky is looking into a PCORI Patient Powered Group grant. REVAMP may be a good platform for this.
 - b. Topic will be further discussed in August 22 meeting.
 - c. Dr. Stepnowsky sent RFA and town hall slides after meeting.
9. Next meeting will be in two weeks, Thursday 22 August 2013.

Technical Interchange Meeting Minutes

From

Thursday, 22 August 2013

Topics Covered:

Status of Application

1. Feedback Philadelphia
 - a. Clinic had 16 patients enrolled.
 - i. 2 – Canceled due not completing the questionnaires
 - ii. 9 – Confirmed to have logged in
 - iii. 8 – Completed Questionnaires
 - iv. 7 – With associated monitors
 - v. 3 – Returned monitors
 - b. Both VA and Patients showing high positive feedback with the application.
 - i. Ease of use by patients
 - ii. More thorough information for doctors
 - c. VA working on a creating a Contact Log to analyze percent of population with internet access and percent of population interested in participating in REVAMP
 - d. Potential Issue
 - i. Two patients scored a 24 on the CESD questionnaire, which seems high. Intellica will look into it.
 - e. Feedback on Past methods VS REVAMP
 - i. Revamp method provides more extensive information, as well as, performs auto scoring which increases accuracy and prevents human error.

2. Feedback San Diego
 - a. Assessing public interest in REVAMP
 - i. Taking a different approach while awaiting ISO approval
 - ii. Created “Interest Form” to hand out to potential patients (CPAP users or Patients recently diagnosed with Sleep Apnea)
 - iii. Active recruiting last week brought in 7 interested patients
 - iv. Planning providing a “feedback questionnaire” after one week to patients
 - v. Will share forms with group
3. REVAMP Security
 - a. VA ISO Team questions about Revamp Security.
 - i. IP Logging?
 - ii. Application security?
 - b. Intellica informed VA that prior to launch Intellica performed security testing on the application along standards specified in the contract.
 - c. Intellica sent Mr. Henderson a report of the System Security Plan (SSP) preformed back in March 28, 2013.
 - d. Intellica will upload the System Security Plan to the Wiki.
 - e. Intellica may assist the VA in a call about security questions or issues.
4. Email Issues Follow Up
 - a. Dr. Kuna – Issue with extra decimals solved (decimals removed)
 - b. Dr. Kuna – CPRS not compatible with “lines”; Intellica will replace the “lines” with another item.
 - c. Dr. Stepnowsky – Video issues – Videos not completely supported on IE8
 - d. Dr. Stepnowsky – Mock user error in Smoking and Alcohol questionnaire – Could be an IE8 problem, Intellica could not replicate that issue.
 - e. User login/password to be case-sensitive.
 - i. The User Name for patients logging on is not case sensitive, but the User Name for patients changing the password using the security questions is case sensitive.*

- ii. Intellica is looking into security requirements to ensure to continue to follow these, but also offer consistency to the patients with regards to case sensitivity in User Names.

*Clarification post meeting: The application currently changes User Names to completely lower case when saving a new account, thus Users have to enter them completely lower case when field is case sensitive.

5. Hosting Transition

- f. Intellica will implement a Software Installation Plan
 - i. Software and hardware requirements
 - ii. Installation instructions
- g. Date of transition depends on which method VA wants to take (immediate transition or have Intellica continue to host the application for 4-6 more months)
- h. Mr. Henderson will check to see if there are any VA Software installation plan requirements
- i. Mr. Lago will create a quote for the VA for 6 months of hosting for the application (including monthly meetings).

5. Project Final Report

- a. VA will consider Hosting quote, deliverables, etc in order to determine when the Final Report will be due.

6. Potential Funding Source

- a. Dr. Stepnowsky is looking into a PCORI Patient Powered Group grant which was submitted earlier this week. REVAMP may be a good platform for this.
- b. Dr. Stepnowsky is also looking at a National Research Network grant for which REVAMP may be a good platform for.
 - i. Dr. Stepnowsky will look into grant requirements such as application enrollment size required for the grant
- c. Dr. Stepnowsky is interested in setting up a meeting with Intellica to further discuss this opportunity. Preferably next Thursday at 3PM (EST).

- 7. Next meeting will be in two weeks, Thursday 5 September 2013.