WBIT 4030

Senior Project and Portfolio

Name:	Johnathan D. McDonald
Project/Internship Name:	Athena Electronic Imaging Orders Implementation
Client:	Phoebe Putney Health System (PPHS)

Time Log / Status Report

Date	Hours	Hours total	Work Description
8/19/19	3	3	• Meeting with Phoebe Putney project team to discuss what the patient matching logic is for Phoebe's Meditech EHR and what potential changes we will need to make in AthenaNet for Meditech to accept an HL7 Order message (ORM).
8/20/19	3 2.5	5.5	• Webex call with the Athena integration project resource and Phoebe Interface Analyst to discuss the current Meditech interface specification and exchange IP/Port numbers used for connectivity. • Meeting with key stakeholders from the compliance and HR departments to discuss what information is legally required to be on the Meditech Patient Order Summary Report.
8/21/19	1 2	3	• Meeting with key stake holders from the Central Wide Scheduling (CWS) and Registration departments to discuss current state workflow process for imaging orders. • Worked with Project Manager to map out a workflow diagram for the current state registration process for X-ray orders.
8/22/19	4	4	• Worked with Phoebe interface analyst project team member to generate current state AthenaNet ORM message and discuss changes needed.
8/23/19	0	0	• Zero Day

8/24/19	0	0	• Zero Day
8/25/19	0	0	• Zero Day
8/26/19	2	2	• Continued to work on X-rays compendium build. Mostly creating order descriptions and order type mappings. No CPT code mappings done today.
8/27/19	1 1	2	• Weekly webex call with Athena resources for status updates on compendium build and interface configurations. • Continued to work on X-rays compendium build order descriptions and order type mappings. No CPT code mappings done yet.
8/28/19	2	2	• Worked on mapping out current state workflow for registration department.
8/29/19	0.5	0.5	• Created an order in the Athena Test environment to generate an HL7 message for an example.
8/30/19	0	0	• Zero day. Got to leave at 12, woohoo!
8/31/19	0	0	• Zero Day
9/1/19	0	0	• Zero Day
9/2/19	0	0	• Zero day (Off for Labor Day)
9/3/19	0	0	• Zero day (Much needed personal day off)
9/4/19	.5 1 1	2.5	• Met with registration team member to review preliminary workflow mapping. • Worked on workflow process mapping for registration X-ray orders. (Corrections and additions) • Phone meeting with PACS administrator to discuss what the process of creating new Imaging procedures in Meditech system consists of.
9/5/19	1	1	• Weekly webex call with Athena for status updates on compendium build and interface configurations. (Need Athena Inbound results interface working in test environment)
9/6/19	0	0	• Zero day

9/7/19	0	0	• Zero Day
9/8/19	0	0	• Zero Day
9/9/19	1.5 0.5	2	• Built/registered multiple new test patients in Meditech and Athena test environments. (Test, Thanos… Test, Pennywise... Test, Godzilla… McAwesome, Drock… hehe) • Quick improv meeting with my PM and interface analyst for progress updates.
9/10/19	2 2	4	• Worked on X-rays compendium build order descriptions and order type mappings. Started mapping CPT codes again. (Almost done! Hopefully...) • Worked with PPMH interface analyst to test sending X-ray (XR) orders so we can verify which HL7 segments the compendium data crosses over in.
9/11/19	1	1	• Worked on 2nd draft of the registration workflow process mapping.
9/12/19	1	1	• Weekly webex call with Athena.
9/13/19	1	1	• Created and entered data for an "Outbound Orders Issue Tracker" in our Smartsheet cloud service application. (https://www.smartsheet.com/customers-home)
9/14/19	0	0	• Zero Day
9/15/19	0	0	• Zero Day
9/16/19	1 4	5	• Team meeting to catch my Manager/PM up to speed. She was in Colorado all last week… must be nice! • Worked with Athena support. Athena Errors for inbound Meditech HL7 ADT A08 (Patient Information Update) messages started populating. Lasted all dang day and didn't get it fixed…. ATHENAERROR 09/16/2019 12:29:59 IN A08 PHOEBE::MEDITECH::ADT • INVALID RULE: DBD::Oracle::st execute failed: ORA-01722 • ▷ delete this message
9/17/19	2	2	• Worked on going through ordering scenarios with my interface analyst to generate HL7 ORM data. Examples: multiple x-ray orders, ones that include medication, ones that include diagnosis codes, etc.

9/18/19	1	1	• Meeting with PACS Administrator to gather how order results are processed through their part of Meditech.
9/19/19	0	0	• Zero day
9/20/19	1.5	1.5	• Weekly webex call with Athena. They were able to resolve the Athena ADT errors the day before… just didn't tell us….
9/21/19	0	0	• Zero Day
9/22/19	0	0	• Zero Day
9/23/19	4	4	• Worked with interface analyst on getting Meditech to accept and process ORM (HL7 Orders message) from Athena by creating multiple orders. Managed/monitored Athena IMQM (interface message queue manager) and the Meditech interface manager for errors…. This did not work out in our favor.
9/24/19	2	2	• Worked on X-rays compendium build order type mappings and CPT codes. Finished descriptions!
9/25/19	0	0	• Zero Day
9/26/19	0.5	0.5	• Weekly webex call with Athena. Just status updates.
9/27/19	1 2	3	• Finished Registration workflow process mapping. • Worked on current state DFD for interface messages. Don't think this will take me too long, ha!
9/28/19	0	0	• Zero Day
9/29/19	0	0	• Zero Day
Total hours		**53.5**	
9/30/19			•
10/1/19			•
10/2/19			•
10/3/19			•
10/4/19			•

10/5/19			• Zero Day
10/6/19			• Zero Day
10/7/19			•
10/8/19			•
10/9/19			•
10/10/19			•
10/11/19			•
10/12/19	0	0	• Zero Day
10/13/19	0	0	• Zero Day
10/14/19			•
10/15/19			•
10/16/19			•
10/17/19			•
10/18/19			•
10/19/19	0	0	• Zero Day
10/20/19	0	0	• Zero Day
10/21/19			•
10/22/19			•
10/23/19			•
10/24/19			•
10/24/19			•
10/26/19	0	0	• Zero Day
10/27/19	0	0	• Zero Day
10/28/19			•

Date			
10/29/19			•
10/30/19			•
10/31/19			• Holloween!!
11/1/19			•
11/2/19	0	0	• Zero Day
11/3/19	0	0	• Zero Day
11/4/19			•
11/5/19			•
11/6/19			•
11/7/19			•
11/8/19			•
11/9/19	0	0	• Zero Day
11/10/19	0	0	• Zero Day
Total hours		**44**	•

Please add rows as required.