**User Story ID:** US3082

**User Story Name:** Implement FHIR Data Models Build 3 (Sprint 1)

**Sizing:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Epic Taxonomy** | **eBiz Compliance** | **Port** | **Update** | **Increase No Touch** | **TAS Apps** |

# Story

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| --- | --- | --- |
| **As the...** | **I need to...** | **So that...** |
| TAS Platform Architectural Owner | provide an implementation of the FHIR Data Models that support the TAS Platform | Consumers of the data can reliably retrieve information from the VistA data services |

**Conversation (if desired by developers)**

* FHIR Data Models will be constructed to utilize the current resource structures (data models) implemented with the HAPI FHIR Server.

# Detailed Listing of Acceptance Criteria

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| --- | --- |
| Requirement ID | Description |
| US3082.1 | Verify that demonstration that data can be reconciled between VistA and the resulting JSON file structures has been completed |
| US3082.2 | Verify FHIR models for FHIR Resources in HAPI FHIR server have been implemented |
| US3082.3 | Verify FHIR resource can be returned via the TAS FHIR API |
| US3082.4 | Verify that code has been checked in |
| US3082.5 | Validate that any code for FHIR data models exhibits the process that's being automated |
| US3082.6 | Verify that unit tests for code for FHIR data models have been developed covering 100% of code with exceptions noted |

# Constraints

* Use of HAPI FHIR as the interim solution

# Risks

# None identified at this time

# Assumptions

1. HAPI FHIR will make calls to VistA using HTTP or HTTPS
2. JavaScript Object Notation (JSON) will be used as the response structure from the HAPI FHIR Restful Server based on the work needed for 5 to 6 FHIR resources

# Dependencies/Impacts Outside of VistA

* Mappings are complete for data elements between VistA and FHIR for the ePayment Reporting user stories – US2850

**TAS Architecture Considerations:**

* TBD

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 11/29/2017 | 1.0 | Initial Draft | Kim Battles |
| 11/30/2017 | 1.1 | Final Draft | Kim Battles |