

Real World Testing plan for 2024 for Aidbox FHIR API Module 1.0 certified solution

General Information

Plan Report ID Number:

Developer Name: Health Samurai, Inc.

Product Name: Aidbox FHIR API module

Version Number: 1.0

Certified Health IT Product List (CHPL) ID(s): 15.07.07.3119.AI01.01.00.0.220816

Developer Real World Testing Plan Page URL: <https://www.health-samurai.io/fhir-api>

Justification for Real World Testing

Real World Testing is intended to verify that deployed Certified Health IT continues to perform as intended by demonstrating that certified capability for interoperability and data exchange is successfully utilized in the real world.

Aidbox FHIR API module doesn't have narrow care settings, it can be used by any practice. All measures reasonably align with the §170.315(g)(10) certification criterion.

Standards Updates

Standard (and version): All standard versions are those specified in USCDI v1.

Date of ONC-ACB notification (SVAP or USCDI): N/A

Date of customer notification (SVAP only): N/A

USCDI-updated criteria: N/A

Measures used in overall approach

For each measurement/metric, describe the elements below:

- Associated certification criteria
- Description of each measurement/metric

- Justification for each measurement/metric
- Expected Outcomes for each measurement/metric
- Care Settings Targeted will be ambulatory care settings

We are going to use de-identified Aidbox logs to collect all necessary data and build the report.

Care Settings

Aidbox FHIR API module doesn't have narrow care settings, it can be used by any practices.

Timeline and Key Milestones

Develop a list of clients to assist with Real World Testing: Q1 2024

Preparation and scheduling testing with clients: Q2 2024

Collection of information as laid out by the plan: Q2 and Q3 2024

Real World Testing plan will be completed according to ONC and ONC-ACB requirements and expectations: Q4 2024

Document our 2024 test results: January 2025

Submit Real World Testing Report to ONC-ACB: February 2025

Measurements

Measure 1

Associated Certification Criterion: §170.315(g)(10) Standardized API for patient and population services

Measurement: Count of FHIR API requests by smart apps and error rate

Description: Using FHIR API by smart apps proves (i)(A) Respond to requests for a single patient's data according to the standard adopted in § 170.215(a)(1) and implementation specification adopted in § 170.215(a)(2)

Justification: Demonstrating the ability Aidbox FHIR API module to respond on (i)(A) requests

Expected Outcomes: It is expected that the FHIR API will be conformant to § 170.315(g)(10) with less than 1 percent error rate experienced by users.

Measure 2

Associated Certification Criterion: §170.315(g)(10) Standardized API for patient and population services

Measurement: Count of bulk export requests and error rate

Description: Using bulk export operation proves (i)(B) Respond to requests for multiple patients' data as a group according to the standard adopted in § 170.215(a)(1)

Justification: Demonstrating the ability Aidbox FHIR API module to respond on (i)(B) requests

Expected Outcomes: We do not expect this API often used, so we do not expect any errors here and will review them if they will occur

Attestation

Authorized Representative Name: Dmitry Egorov

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Authorized Representative Signature:

A handwritten signature in black ink, appearing to read 'Egorov', with a long horizontal line underneath it.

Date: 10/11/2023