

Vision & Scope

with Requirements

Author by Humana - Core Integration

Project Number: TBD

**Author by Humana HPDI APIs**

Version Number: 3.0

Version Date: 3/8/2021

**Revision History**

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 3/1/2021 | 1.0 | Initial Draft | Catherine Luttmer |
| 3/1/2021 | 2.0 | Updates made from stakeholder review | Catherine Luttmer & Sarah Taylor |
| 3/8/2021 | 3.0 | Removing some assumptions | Sarah Taylor |
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# Document Information

## Definitions, Acronyms and Abbreviations

List terms, acronyms and abbreviations required to interpret this document.

| **Term** | **Definition** |
| --- | --- |
| CS-BR | Current State Business Rule |
| FR | Functional Requirement |
| FS-BR | Future State Business Rule |
| HRP | Health Rules Payor claims administration system |
| MAPD | Medicare Advantage Prescription Drug Plan |
| MF | Major Feature |
| NR | Non-Functional Requirement |
| VSR | Vision and Scope with Requirements |
| FHIR | Fast Healthcare Interoperability Resources |
| CDF | Core Data Fabric |
| CC | Common Core |
| CMS | Centers for Medicare and Medicaid Services |
| ONC | Office of the National Coordinator for Health Information Technology |
| HPDI | Health Plan Data Interoperability |
| CPCDS | Common Payer Consumer Data Set |
| USCDI | United States Core Data for Interoperability |
| CCDS | Common Clinical Data Set |
| MRM | Medical Records Management System |
| EDW | Enterprise Data Warehouse |
| LOINC | Logical Observation Identifiers Names and Code |
| CCDA | Consolidated Clinical Document Architecture |
| EMR | Electronic Medical Record |
| PAF | Patient Assessment Form |
|  |  |
|  |  |
|  |  |

## References to Other Documents

| **Link or Document** | **Description** |
| --- | --- |
| [USCore (hl7.org)](http://hl7.org/fhir/us/core/index.html) | HL7 FHIR US Core Implementation Guide STU3 Release 3.1.1 |
| [HL7.FHIR.US.CARIN-BB\Common Payer Consumer Data Set - FHIR v4.0.1](http://build.fhir.org/ig/HL7/carin-bb/Common_Payer_Consumer_Data_Set.html) | Carin Consumer Directed Payer Data Exchange |
| [United States Core Data for Interoperability (USCDI) | Interoperability Standards Advisory (ISA) (healthit.gov)](https://www.healthit.gov/isa/united-states-core-data-interoperability-uscdi) | United States Core Data for Interoperability (USCDI) |
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## 

## Stakeholder Detailed List

| **Name** | **Department/Area** | **Approver (Y/N)?** |
| --- | --- | --- |
| Will Tolbert | Author | N |
| David Rudolph | Author | N |
| Michael Thompson | Author | N |
| Chris Caudill | Author | Y |
| Pam Bell | Author | Y |
| Julia Hood | Author | N |
| Michelle Davis | Author | N |
| Corey Shaw | Author | N |
| Helena Rawson | Author | N |
| Carlene Keeter Marra | Author | N |
| Nikki Woodcox | Author | N |
| Ronald Angsiy | Author | N |
| Jessie Gatto | Author | N |
| Cynthia Heredia | Author IT | N |
| Fredrik Elvhede | Author IT | N |
| Sarah Taylor | Author IT | Y |
| Mitch Lieberman | Author IT | N |
| Davinder Sharma | Author IT | N |
| Sumana Bellary | Author IT | Y |
| Tim Doyle | Author IT | N |
| Aakash Sham | Author IT | N |
| Charles Southworth | Author IT PM | N |
| Catherine Luttmer | Author IT Business Consultant | N |
| Patrick Murta | Humana Core | N |
| Cille Kissel | Humana Core | N |
| Frank Hone | Humana Core | N |
| Sundar Srinivasan | Humana Core | N |
| Jeremy Cooley | Humana Core | N |
| Natalie Cashon | Humana Core | N |
| Chris Moehn | Humana Core | N |
| Sankaran Sundar | Humana Core | N |
| Levi Bailey | Humana Core | Y |

# Project Overview

## Project Description

Author by Humana requires data from Humana Core systems for purposes of fulfilling the CMS requirements for the HPDI Patient Access API and Provider Directory API.

## Business Need

Author by Humana needs to be able to access the Author by Humana member data that resides only on the Humana Core systems such as medical records, pharmacy, formulary and provider directories.

### Business Problem or Opportunity

Author by Humana needs to comply with the CMS requirements for HPDI Patient Access API and Provider Directory API for Author members.

### Business Impacts and Benefits to the Consumer

*Member Experience Impacts:*

Author by Humana members will be able to access their demographic, coverage, claims and clinical data that has been captured within Author and Humana Core systems by subscribing to a third-party vendor that provides access to the HPDI Patient Access API and Provider Directory API and will be able to grant access to other entities such as providers or other health plans.

*Operational Impacts:*

Author by Humana will be in compliance with CMS requirements.

## Current State

### Current State Business Rules

| **BR #** | **Description** |
| --- | --- |
|  | Author by Humana patient data is not currently exposed for third parties to access |
|  |  |

### Current State Business Process

No functionality currently exists for Author by Humana members to access their data or share it with other entities.

## Future State

### Future State Business Rules

| **BR #** | **Description** |
| --- | --- |
|  | Author by Humana members will be able to consent for their data to be released to third party including: demographic, coverage, claims, clinical data and provider directories. |
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### Future State Business Process

The HPDI Patient Access API and Provider Directory API will be available for Author by Humana members to release their demographic, coverage, claims and clinical data as well as their provider directories to third party for consumption.

# Scope

## Proposed Business Solution

Author by Humana is contracting with Google to provide the HPDI Patient Access API and the Provider Directory API. Data from the Author by Humana platform will be exported to Google to be loaded to their FHIR Datastore. Data for Author by Humana on the Humana Core platform will be accessed via Humana Core APIs and included in the feed to Google.

## Major Features

| **MF #** | **Major Feature Description** | **Team** |
| --- | --- | --- |
| MF 1 | Ability for pharmacy claims submitted for Author by Humana members on the HPS system to be provided to the HPDI Patient Access API for the EOB Pharmacy Profile. This should include payment and member cost information when available. | CDF |
| MF 2 | Ability for clinical information stored in the MRM system for Author by Humana members to be provided to the HPDI Patient Access API for any US Core Clinical Profile including Allergies, Social History, Nar. Extract, Vital Signs, Goals, Medications, Problems, Plan Cares, Immunizations, Wellness Assessments, and Results.  MRM tech team is currently working to publish 11 data topics to meet this requirement and Author will also subscribe to these. Author requires CDF team to filter by platform code so that only Author managed member data is published for consumption. | MRM/CDF |
| MF 3 | Ability for Author by Humana members to be provided to the HPDI Patient Access API for any US Core Clinical Profile including Laboratory and Vital Signs. | CC |
| MF 4 | Ability for drug formulary information defined for Author by Humana benefit plans to be provided to the HPDI Patient Access API for the DaVinci PDEX formulary profiles. | XC/CDF |
| MF 5 | Ability for provider directory information for medical, dental, vision and pharmacy providers associated with Author by Humana benefit plans to be provided to the DaVinci PDEX plan net profiles. | XC/CDF |

## 

## Out of Scope

The scope of this project is defined by the major features contained in this document. The following clarifies the scope by listing items that are excluded.

1. This document does not cover the work that is occurring within the Author by Humana platform to provide data to Google.
2. This document does not cover the work that is being performed by Google to store the Author by Humana data in FHIR format and provide it in the HPDI Patient Access API and the Provider Directory API.

## Business Risks

Identify the business risks associated with the project.

### Risks of **not** carrying out the project

1. Author by Humana will not be in compliance with CMS requirements for the HPDI Patient Access API and Provider Directory API.

### Risks of carrying out the project

1. We have a tight deadline to build the solution and integrate the data from Author by Humana platform and Humana Core platform to the Google platform by July 1, 2021.

## Project Restrictions

### Constraints

1. The same resources who are needed for this work are also building the solution for Humana Core members.

### Assumptions

1. None

### Dependencies

1. Dependent on Humana core resource availability.

## Project Success Measure or Metrics

### Author by Humana members can access their demographic, coverage, claims and clinical data via the HPDI Patient Access API and their provider directories via the Provider Directory API by subscribing to a third-party vendor who will provide this service.

### 

# Detailed Requirements

## Functional Requirements

| **MF#** | **MF Description** | **FR#** | **Description (Who, does, what, why)** | **Acceptance Criteria (Done when)** | **Subarea**  **Impact** |
| --- | --- | --- | --- | --- | --- |
| MF 1 |  | FR1.1 |  |  |  |
| MF 2 |  | FR2.1 |  |  |  |
| MF 3 |  | FR3.1 |  |  |  |
| MF 4 |  | FR4.1 |  |  |  |
| MF 5 |  | FR5.1 |  |  |  |
| MF 6 |  | FR6.1 |  |  |  |
| MF 7 |  | FR7.1 |  |  |  |
| MF 8 |  | FR8.1 |  |  |  |
| MF 9 |  | FR9.1 |  |  |  |

## Non-Functional Requirements

| **NR #** | **Description** |
| --- | --- |
|  | Must have the same quality of service levels as for Humana Core members. |
|  | Must have the same usability standards as for Humana Core members. |
|  | Must have the same performance standards as for Humana Core members. |
|  | Must have the same availability standards as for Humana Core members. |
|  | Must have the same reliability standards as for Humana Core members. |
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