FHIR Survey Data Dictionary Codebook

Variable	Survey Question / Label	Attributes (variable type, choices)
participant_id	Participant ID	text
organization_2d1	What is the name of your organization?	text
orgtyped1	Which of the following best describes your organization? (Check all that apply.)	checkbox orgtyped1__1 Academic institution orgtyped1__2 Health system orgtyped1__7 Software vendor orgtyped1__3 EHR vendor orgtyped1__4 Payer orgtyped1__6 Other {otherorgd1}
otherorgd1	Other organization	text
roled1	What is your role? (Check all that apply.)	checkbox roled1__1 Developer roled1__2 Management roled1__3 Researcher roled1__5 Sales/marketing roled1__4 Other {otherroled1}
otherroled1	Other role	text
eligibility1d1	Are you using FHIR in any way in your software? This includes an application or implementation that uses FHIR to read and/or write data for healthcare purposes (e.g., clinical, educational, administrative, research, or other related care services).	yesno 0 No 1 Yes
useryn	Does any of the software have real-world users, including those in production or pilot mode?	yesno 0 No 1 Yes
amiafhircompd1	Are you familiar with the AMIA/HL7 FHIR App Competition? We'd love to see your innovation at the competition!	yesno 0 No 1 Yes
fhirname	What is the name of your FHIR software?	text
appdescription	Briefly describe how [fhirname] is being used.	Text

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purpose	Select the most appropriate purpose of [fhirname]. (Check all that apply.)	checkbox
		Clinical Care
		clinicalheader__1 Clinical care
		purposedisplay__2 Display of EHR data
		    purposeehr__3 Raw data
		    purposeehr__4 Visualization
		purposeclinical__5 Calculators, scores or evidence-based medicine (EBM) guidelines
		purposeclinical__6 Clinical decision support for health professionals
		purposeclinical__7 Predictive analytics
		purposeclinical__8 Care coordination
		purposeclinical__9 Quality management/performance
		purposeclinical__10 Genomics
		purposeclinical__11 Integration of information from >2
		purposeclinical__12 Clinical device integration
		purposeclinical__13 Patients
		purposepatient__14 Education
		purposepatient__15 Communication
		purposepatient__16 Surveys and patient-reported outcomes
		purposepatient__17 Personal health record
		
		Public and Population Health
		popheader__18 Public and population health
		purposepop__19 Dashboard
		purposepop__20 Analytics
		
		Research
		researchheader__21 Research
		purposeresearch__22 Data collection
		purposeresearch__23 Registry
		purposeresearch__24 Data extraction/management
		
		Education
		purposeedu__1 Education
		
		Administration
		adminheader__26 Administration
		purposefinance__27 Scheduling
		purposefinance__28 Billing
		purposefinance__29 Health insurance
		purposefinance__30 Reporting and analytics
		
		Health Information Exchange
		purposehie__31 Health information exchange
		
		Other
		otherheader__32 Other purpose {otherpurpose}

otherpurpose	Other purpose not listed above	text

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Variable	Survey Question / Label	Attributes (variable type, choices)
disease	What medical condition(s) does [fhirname] address? (Check all that apply.)	checkbox disease__1 Cancer disease__2 Cardiovascular disease__3 Critical care disease__4 Diabetes disease__5 Infectious disease disease__6 Maternal and child health disease__7 Mental health disease__8 None disease__9 Other {otherdisease}
otherdisease	Other medical condition	text
stage	What stage of development is [fhirname] in?	1 Pilot study 2 Full use at development site 3 Full use at multiple sites
ehrgallery	Which EHR galleries list [fhirname]? (Check all that apply.)	checkbox ehrgallery__2 Epic App Orchard ehrgallery__3 Cerner App Gallery ehrgallery__4 Allscripts App Store ehrgallery__5 Athena Marketplace ehrgallery__1 None ehrgallery__6 Other {otherappstore}
otherappstore	Other EHR galleries/apps store	text
platform	Which platforms does it support? (Check all that apply.)	checkbox platform__1 EHR-Embedded platform__2 Web platform__3 Native iOS platform__4 Native Android platform__5 Other {platform_others}
platform_others	Other platform	text
cost	What is the software's cost model? (Check all that apply.)	checkbox cost__1 Free cost__2 Cost per user cost__3 Cost per site cost__4 Other {othercost}
othercost	Other cost model	text
audience	Who is [fhirname]'s target audience? (Check all that apply.)	audience__1 Health professionals audience__2 Patients audience__3 Caregivers audience__4 Researchers audience__6 Admin/finance audience__7 Payers audience__8 Technical audience__5 Other {otheraudience}
otheraudience	Other target audience	text
implementdate	What is the approximate date of the implementation of [fhirname] in a real-world setting? (i.e., used by health professionals, patients, or other users)	text (date)

Variable	Survey Question / Label	Attributes (variable type, choices)
currentusers	What is the estimated number of current users?	text
applink	Please share any links to the website or code repository of [fhirname].	text
implementation	Briefly describe how the FHIR standard is implemented in [fhirname] (e.g., user-facing software, machine-to-machine interface, etc.).	text
cdshooks	Does [fhirname] **support** CDS Hooks?	radio 1 Yes 2 No
release	What is the most recent FHIR release [fhirname] uses?	radio 1 DSTU 1 2 DSTU 2 3 STU 3 4 R 4 5 Other {otherrelease}
otherrelease	Other FHIR release	text
fhirresource	Which FHIR resources does [fhirname] use? (Check all that apply.)	checkbox fhirresource__1 AllergyIntolerance fhirresource__2 Condition fhirresource__3 DiagnosticReport fhirresource__4 Medication fhirresource__5 Observation fhirresource__6 Patient fhirresource__7 Procedure fhirresource__8 Other {otherfhirresource}
otherfhirresource	Other FHIR resource	text
fhirapi	Which FHIR API(s) does [fhirname] use? (Check all that apply.)	fhirapi__1 SMART on FHIR fhirapi__2 Apple HealthKit fhirapi__3 Google Cloud Healthcare fhirapi__4 1UpHealth fhirapi__5 Microsoft Azure fhirapi__6 CMS Blue Button 2.0 fhirapi__7 Other {otherapi} fhirapi__8 None
otherapi	Other FHIR API	text
clinicalterminology	Which clinical terminology standards does [fhirname] require? (Check all that apply.)	checkbox clinicalterminology__2 LOINC clinicalterminology__3 ICD 9 clinicalterminology__4 ICD 10 clinicalterminology__5 SNOMED CT clinicalterminology__6 RxNorm clinicalterminology__1 None clinicalterminology__7 Other {otherterminology}
otherterminology	Other clinical terminology	text