1.0 OVERVIEW
The HL7 FHIR ACCELERATOR™ Program” is designed to assist communities and collaborative
groups across the global health care spectrum in the creation and adoption of high quality Fast
Healthcare Interoperability Resources (FHIR®) Implementation Guides or other standard artifacts
to move toward the realization of global health data interoperability. HL7® helps convene and
work with communities and implementers with an interest in using FHIR to address common use
cases. HL7’s Accelerator service helps such communities initiate and efficiently navigate through
the standards development process by providing guidance on how to navigate and work with HL7
work groups, product families and project teams. The program also provides basic team
collaboration infrastructure tools and a range of other optional support services for Accelerator
groups based on their own needs, ranging from self-service guidelines, to contracted project
and/or financial management, contracting with SMEs, and other project and infrastructure
services.

The FHIR At Scale Taskforce (FAST) FHIR Accelerator is composed of a highly representative
group of motivated healthcare industry stakeholders and health information technology experts
who have identified HL7 FHIR scalability gaps and are actively working on solutions to address
current barriers to enable scalable FHIR solutions. The objectives of FAST include identifying
obstacles to the scalability of the FHIR, defining solutions to address those barriers, and
developing technical infrastructure specifications to support scalable implementation of the FHIR
standard. When appropriate, FAST facilitates the development of standards under the HL7
governance process. FAST activities include but are not limited to:

- Developing the content of implementation guides (IGs) and other standards artifacts.
- Balloting standards and/or IGs through HL7.
- Developing technical infrastructure to support the standards development community and
  implementers of FAST solutions, such as reference implementations and test tools.
- Educating stakeholders about FAST, its projects and related specifications/solutions.
- Providing implementation and adoption support and technical assistance.
- Providing thought leadership, subject-matter expertise, and strategic and technical
guidance to the FHIR implementation community.
- Facilitating testing and implementation of FAST solutions at HL7 FHIR Connectathons
  and other public events.
- Engaging with stakeholders outside of FAST, including government agencies, the FHIR
  implementation community, private-sector organizations, and other HL7 FHIR
  Accelerators to identify new priorities, solicit feedback on FAST solutions, and align
  standards development activities.

HL7 is seeking to contract with an individual or organization to provide technical
leadership to support the FAST Consent use case.
1.1 TITLE
HL7 FAST Consent Implementation Guide Lead

1.2 CONTRACT PERIOD
HL7 seeks to fill the position by December 1, 2023. The anticipated contract period is December 1, 2023 – December 31, 2024, and it will be reviewed and renewed on an annual basis.

1.3 REPORTING RELATIONSHIP
This position will report to the HL7 FAST Technical Director.

2.0 POSITION OVERVIEW
The HL7 FAST Accelerator Consent Implementation Guide Lead is a part-time (20-25 hours per month), non-volunteer position responsible for providing technical leadership for the HL7 FAST Consent use case. This position will focus on documenting the scope of the initial HL7 FAST Consent project, development and balloting of an implementation guide, input into the development of a supporting reference implementation and testing artifacts, and any additional technical documentation needed to support the Consent use case.

3.0 SCOPE & RESPONSIBILITIES

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<th>Objective</th>
<th>Success Measure</th>
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<td>Provide technical leadership to coordinate program and in-kind project resources from the FAST members for the FAST Consent use case.</td>
<td>• Use Case Implementation Guide (IG) Lead support to facilitate HL7 workgroup process, documenting use case scope / requirements and building community consensus to inform: o Project Scope Statement o FHIR Gap Analysis o IG development o RI development o Test script development • Facilitate co-lead working sessions to prepare supporting materials and review documents for workgroup calls • Chair workgroup calls via Zoom (or equivalent) with interested stakeholders to gather and review information required to build consensus to develop/update the FHIR-based IG • Identify and recommend technical approaches to meet the goals established for the use case and needs of HL7 workgroup to update, maintain, ballot and/or publish the resulting FHIR IG • Attend HL7 Sponsoring Workgroup(s) meetings and other Workgroups as needed to keep HL7 sponsor(s) up to date on changes and milestone timelines • Working as part of the Project leadership team, establish consistent collateral and artifacts • Recommend and lead facilitation of IG progression into additional phases/STUs/transition to community for approval by FAST Technical Director and Program Manager</td>
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| Document requirements for the Consent use case | • Develop use case documentation (Confluence page(s) or equivalent, e.g., MS Word document) and a PowerPoint presentation which documents the overall purpose of the use case and describes the business and technical requirements  
• Collaborate with use case co-leads to develop supporting HL7 required documentation (e.g., Project Proposal, Project Scope Statement, FHIR IG Proposal, etc.) for approval by the appropriate HL7 working groups.  
• Coordinate and collaborate with other use cases, as needed |
| Lead IG development for Consent | • Provide input into and assistance (background information) with any additions to the IG. This includes review of gap analysis, profiles, extensions, value sets and operations necessary to support requirements.  
• Keep abreast of related FHIR IG work, including FHIR standard and US Core updates, to inform inter-dependencies that may be relevant for this use case |
| Author and update the FAST Consent IG through HL7 ballot cycle, STU update and/or technical corrections, reconciliation, and publications | • Author IG content iteratively based on consensus-based requirements throughout the use case lifecycle  
• Reference other FAST IGs in the Consent IG where appropriate  
• Based on agreed to 2024 Goals, (All or some may apply)  
  o Complete preparing IG for ballot, STU Update, or Technical Correction process in accordance with HL7 processes and milestones  
  o Complete ballot reconciliation, if applicable  
  o Author / Update IG with all appropriate feedback submitted via JIRA trackers  
  o Work with use case team to ensure JIRA trackers are updated through HL7 workflows  
• Resolve any IG Publisher blocking issues to ensure milestone deadlines are met  
  o Complete IG publishing  
  o Support Test Script creation  
  o Continue implementer support and adding use case scenario examples and applying IG changes from community feedback  
  o Support FHIR IG Ballot Reconciliation discussion and apply author approved FHIR IG ballot updates  
  o Complete FHIR IG Ballot updates  
  o Successful FHIR IG ballot publishing depending on direction by Technical Director |
| Provide feedback into HL7 FHIR development, US Core/USCDI, and other dependent IGs/technologies as needed | • Where applicable for the Consent use case, provide input into, for example, FHIR (existing or future version) resources, extensions, value sets and profiles  
• Successful creation, incorporation, balloting and publication of required FHIR artifacts to support the project requirements |
| Other IG maintenance and project support as needed | • Team coordination |
• Zulip (chat.fhir.org) monitoring
• Feedback into HL7 processes
• Community support including Connectathon attendance
• Weekly calls, as needed
• Q&A
• Presentations
• Coordination and collaboration with other use cases

Support the development of FHIR Reference Implementation for Consent

• Provide support and guidance to the RI developers to ensure successful delivery of the RI and any updates

Support the development of Test Cases and Test Scripts

• Provide support and guidance to the test developers to ensure successful delivery of test cases and test scripts and any updates

3.1 DELIVERABLES

1. Document scope and requirements for the Consent use case
2. Develop, ballot, and maintain the Consent IG
3. Provide input into the Consent RI, Test Case, and Test Script development
4. Work with HL7 and FAST project teams to ensure appropriate technical documentation is published to support implementers

4.0 QUALIFICATIONS

• BA/BS required, advanced degree a plus
• HL7 Fast Healthcare Interoperability Resources (FHIR) and Implementation Guide expertise
• Demonstrated experience with HL7 standards development and related processes, Health IT; HL7 FHIR Accelerator and Consent experience desirable
• At least 5 years of experience in facilitating multi-stakeholder industry initiatives including at least 3 years in project leadership roles
• Experience in solution architecture and software development in healthcare
• Experience using collaborative software development tools including git, GitLab/GitHub, and Jira
• Strong problem-solving skills and willingness to roll up one’s sleeves to get the job done
• Proven ability to work independently
• Excellent oral and written communication skills

5.0 HOW TO OBTAIN FURTHER INFORMATION

Direct questions to: Karen Van Hentenryck (Karenvan@HL7.org)

The contractwork@lists.hl7.org list service informs potential contractors of work to be contracted out by HL7 International. If you have received this announcement by a means other than this list, you should sign up for the free HL7 List Service at:
http://www.hl7.org/special/committees/list_sub.cfm?list=contractwork
Any updates to this contract work announcement, additional announcements or information will be posted to that list and will reference the contract name.

4.0 HOW TO APPLY FOR THIS POSITION

Submit a cover letter, resume, and pricing proposal via e-mail by November 3, 2023, to:
Karen Van Hentenryck
Karenvan@HL7.org