

## FHCQ Storing and Sharing Data Workgroup

Use Case Draft

September 6, 2022

### Use Cases:

Use Cases are technical narratives of the interactions between the Personas (fictionalized users as a means of visualizing the data needs of a user type.) and the systems they use. They are described using the following elements:

- **Actors and Roles.** Actors may be a person, entity, or system that fulfills a role within a specific transaction in a series of steps in a use case. Roles indicate the relationship between the sender and receiver of the data exchange through a specific transaction.
- **Assumptions.** Items expected to be true or to be in place such as a policy, process, or procedure for the execution of a specific transaction.
- **Pre-conditions.** Refer to the initial state of the system before an action or transaction occurs. These describe what must be in place to support interoperable data sharing.
- **Post-conditions.** Describe the state of the system that will result after the transaction.
- **Transactions.** The data exchange between two systems.
- **Message Content or Payload.** The content or substance of what is exchanged within a specific transaction.

### Three Use Cases from Gravity Projects (See Gravity Use Case Final Package):

- 1) Document SDOH Data in Conjunction with a Patient Encounter
  - a. How coded SDOH data are captured in a health care system (generally documented via a screening or assessment tool) and how this data is shared with other systems.
- 2) Document and Track SDOH Related Interventions to Completion
  - a. Documenting actions that are planned or completed in response to data collected (closed-loop referrals)
- 3) Gather and Aggregate SDOH Data for Uses Beyond Point of Care
  - a. Aggregating patient-level social risk information for population health management, risk adjustment, value-based payment, or community health improvement.

### Additional Use Cases to Discuss:

- 1) Documented demographic data collection (REaL, SOGI, disability)?
  - a. Ensuring coded data on patient demographic data is collected.
- 2) Communicating Social Need Information Across Systems (schools, community-based organizations, etc.)
  - a. In addition to existing actors in the Gravity Project's Use Case 1: how is social need information shared across non-clinical stakeholders.