







A Framework for Integrating Patient Generated Health Data (PGHD) with Electronic Health Records (EHR) in a Fast Health Care Interoperability Resource (FHIR) supported EHR System.

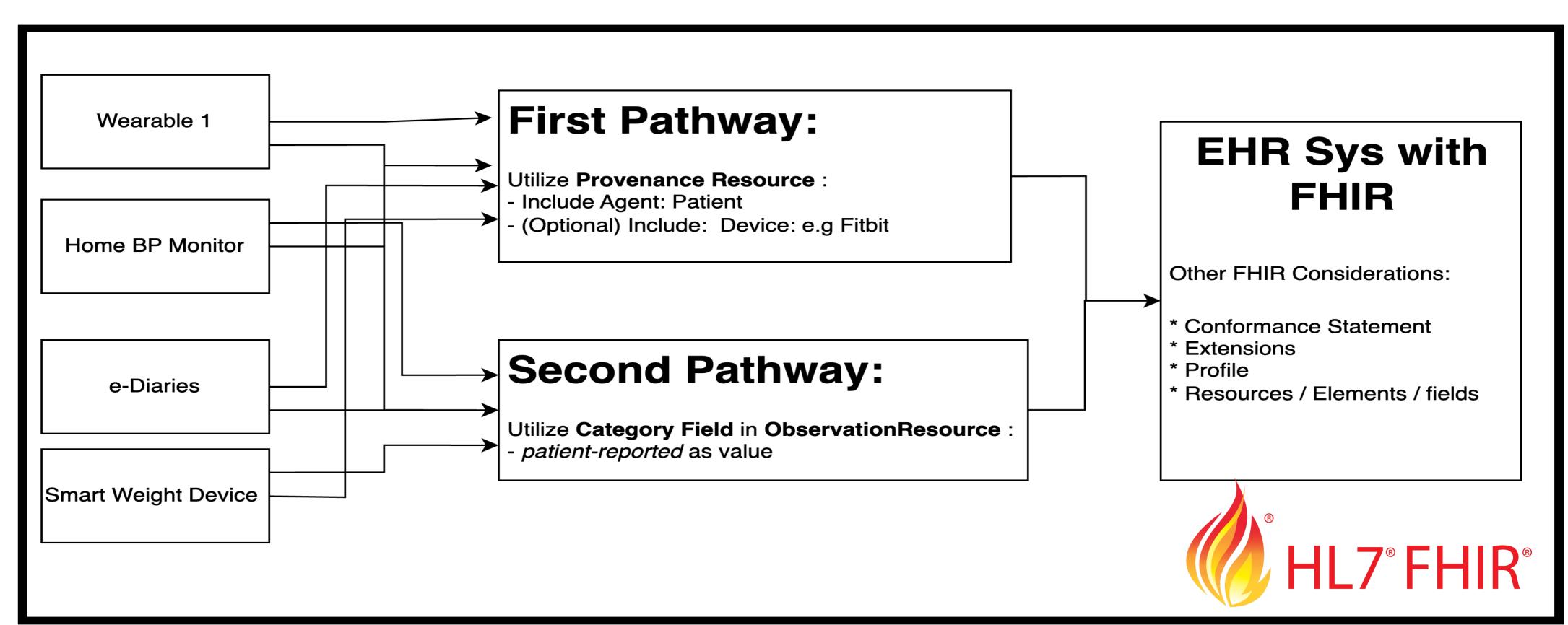
Abdullahi Abubakar Kawu, Dympna O'Sullivan, Lucy Hederman

Background:

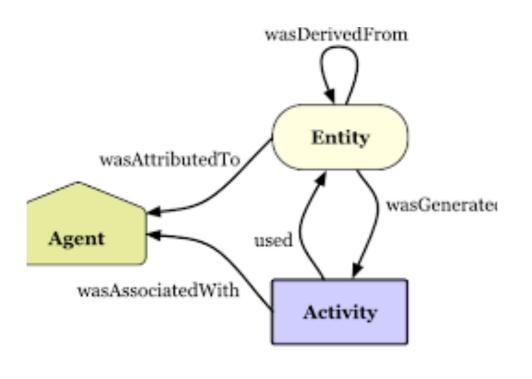
PGHD refer to health-related information gathered by patients or caregivers outside of clinical settings [1].

- Collection Methods: Diaries, apps, wearables etc.
- FHIR is used for exchanging data with EHRs [2]
- Integrating PGHD includes the use of **extensions** albeit unsupported in some EHRs.
- This framework enhance this through;
 - the **FHIR Resource Provenance**, and a **category** metadata in the **Observation FHIR Resource**.

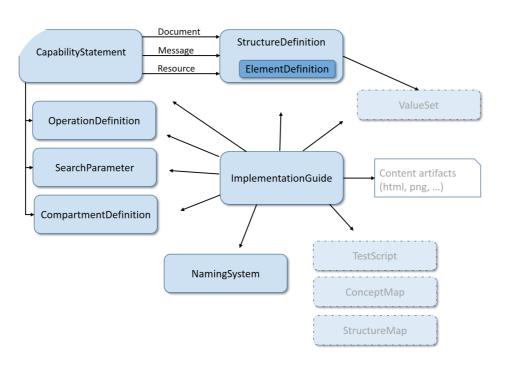
Methodology: The Framework



Key Enables of the Framework



Adoption of the Provenance Resource



Capability & Conformance Statement



Adopt the metadata category: patient-reported.



Extension









