KDI - FHIR

Deliverable - Formal Modelling

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Formal Modelling
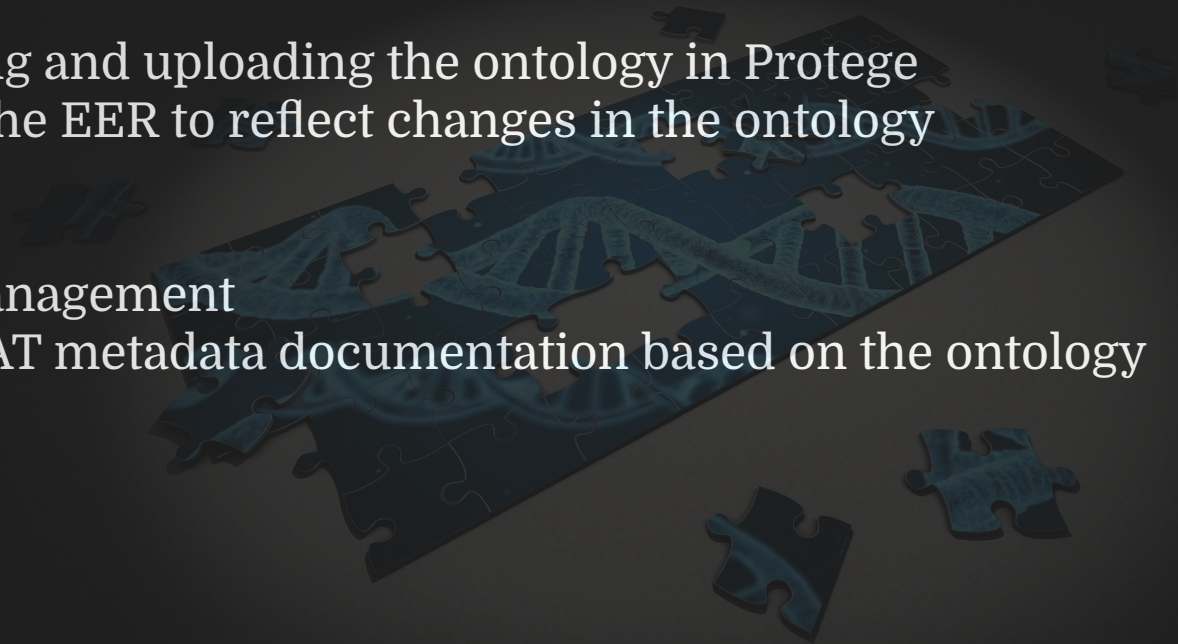
Overview of this phase

Schema level:
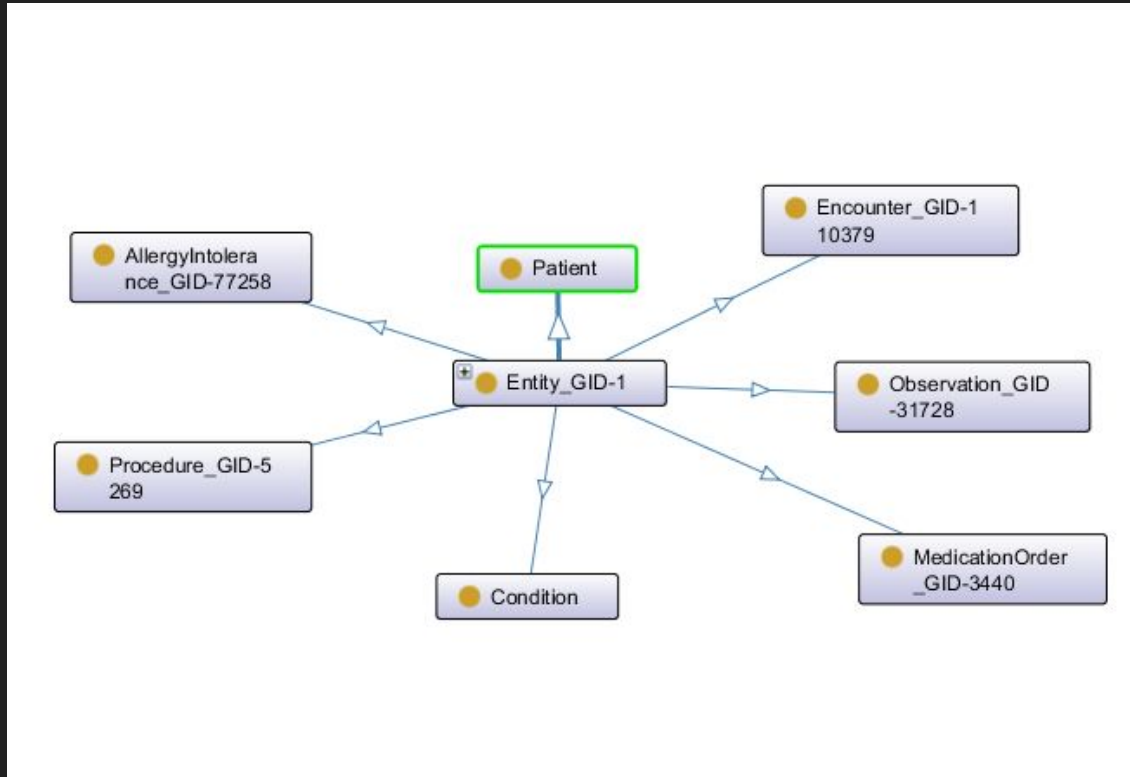- KE/DE - Creating and uploading the ontology in Protege
- KE - Updating the EER to reflect changes in the ontology
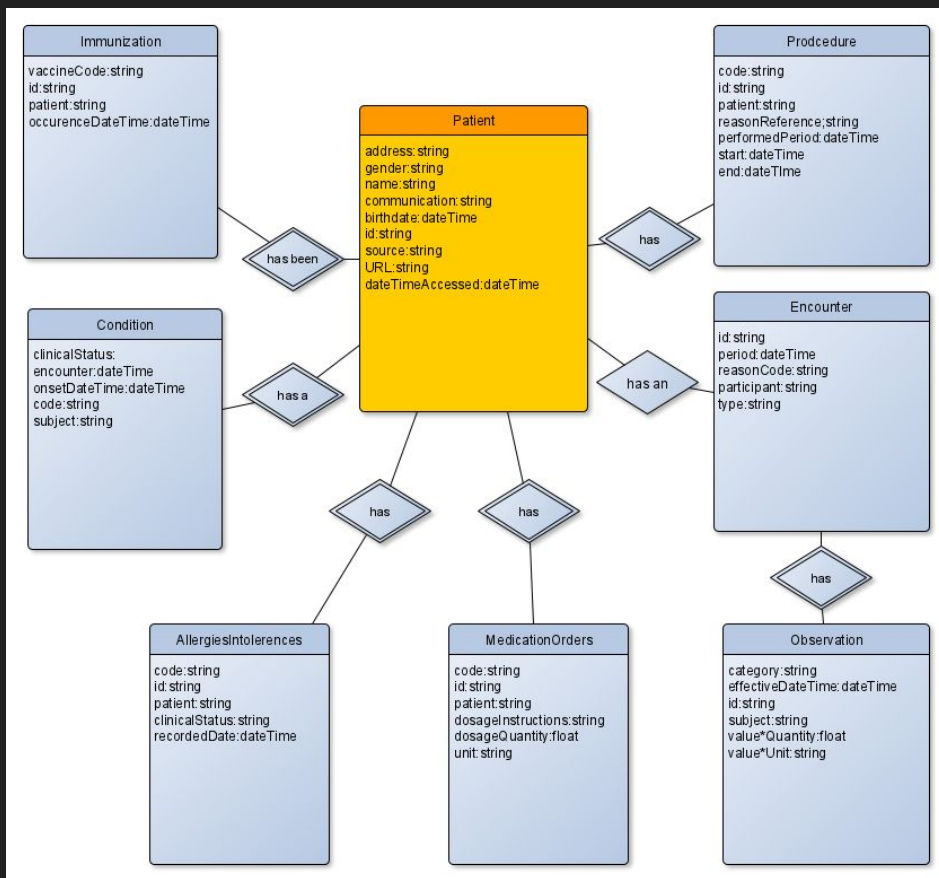
Data level:
- DS - Dataset management
- DS - Create DCAT metadata documentation based on the ontology

Schema Level - Ontology

Schema Level - EER

Further Improvements

- Update UKC - possibility for new additions to be imported
- Ontology will be refined after the Data Integration phase

Data Level - Management

Data Filtering and Aligning

EMRBots:
- Large dataset
- Can't load file (not enough memory)

SMART:
- XML
- Not well structured
- XML -> JSON

Synthea:
- Large number of JSON files

Data Level - DCAT

- DCAT Metadata : JSON file

- SKG metadata file created

- DKG metadata file created

Evaluation

For the time being, development of this section is paused as we await further indications.