# Sprint:4

## Development of GRAD rules

**Activity list:**

* Development of Configuration document (NO SQL) to be used for the application of GRAD rules
* Development of Individual functions for each GRAD rules. Following are the currently identified GRAD rules that reusable functions would be developed for –
  + Source Priority
  + All Values
  + Aggregation (Sum all)
  + ‘Y’ is any 1 is ‘Y’
  + ‘N’ if any 1 is ‘N’
  + Highest

**Acceptance Criteria:**

* All the GRAD rules developed should be configurable and reusable (apply on any attribute, result should be same for a GRAD rule irrespective of the attribute)
* The configuration document should be domain specific and easy to configure

# Sprint:5

## Creation/Update of Golden Record

**Activity list:**

* Development of GRAD rule engine that will
* Identify the GUID set for which Golden record needs to be recalculated or created
* Be configurable for the identification of Golden record attributes
* Read in the domain parameters and identify the GUID sets for which GRAD rules need to be run
* Get the values for each attribute of Golden record from the reusable GRAD rules functions
* Join all the attributes values for form a complete golden record for a domain
* Once the golden record is created out of the GUID set insert or update the Golden Record repository

**Acceptance Criteria:**

* GRAD rule engine is completely configurable for a domain
* Golden record is only getting created for newly added GUID records Set or Updated Records set.
* All the rules are applied correctly for each Golden record attributes.