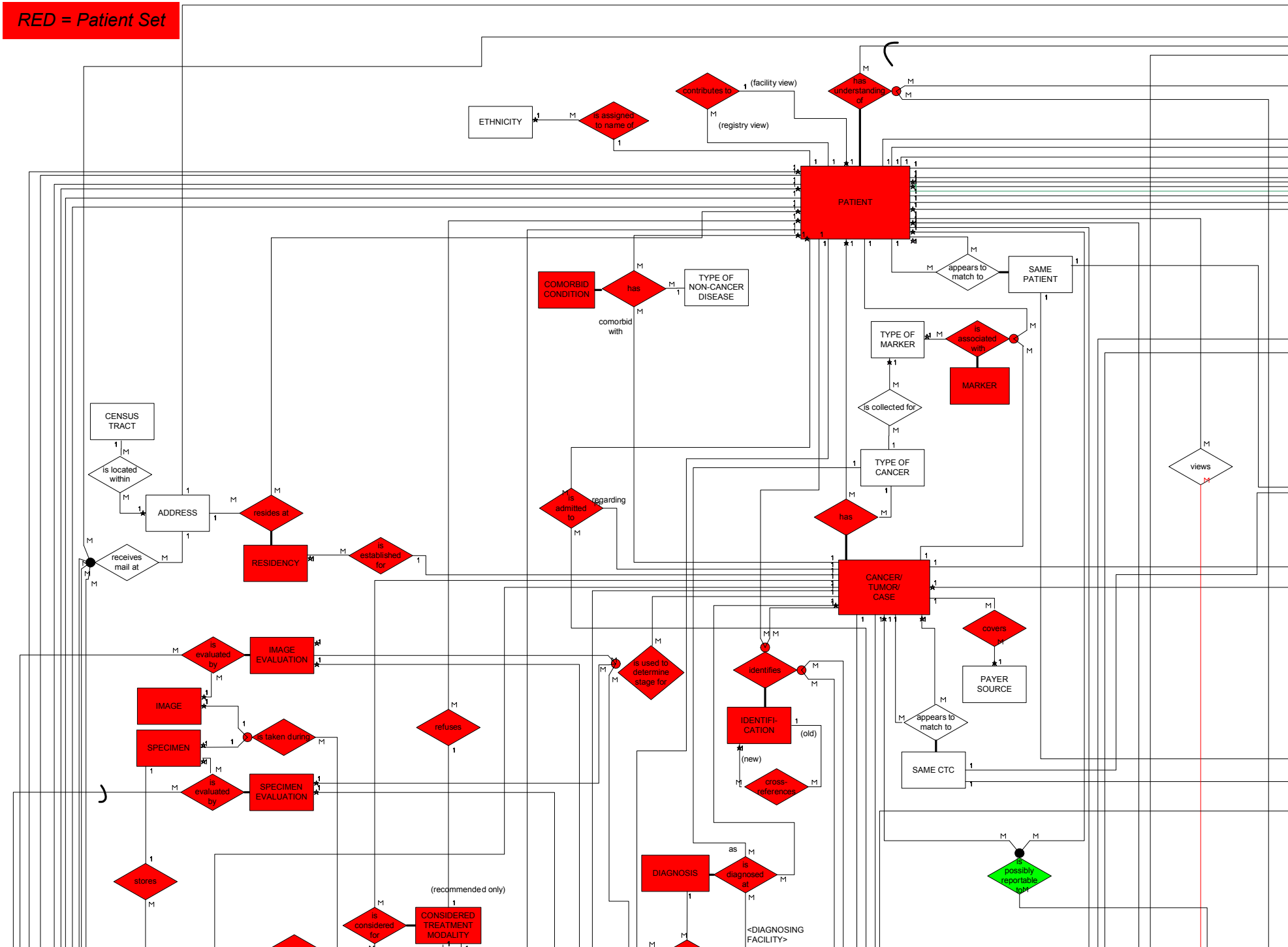
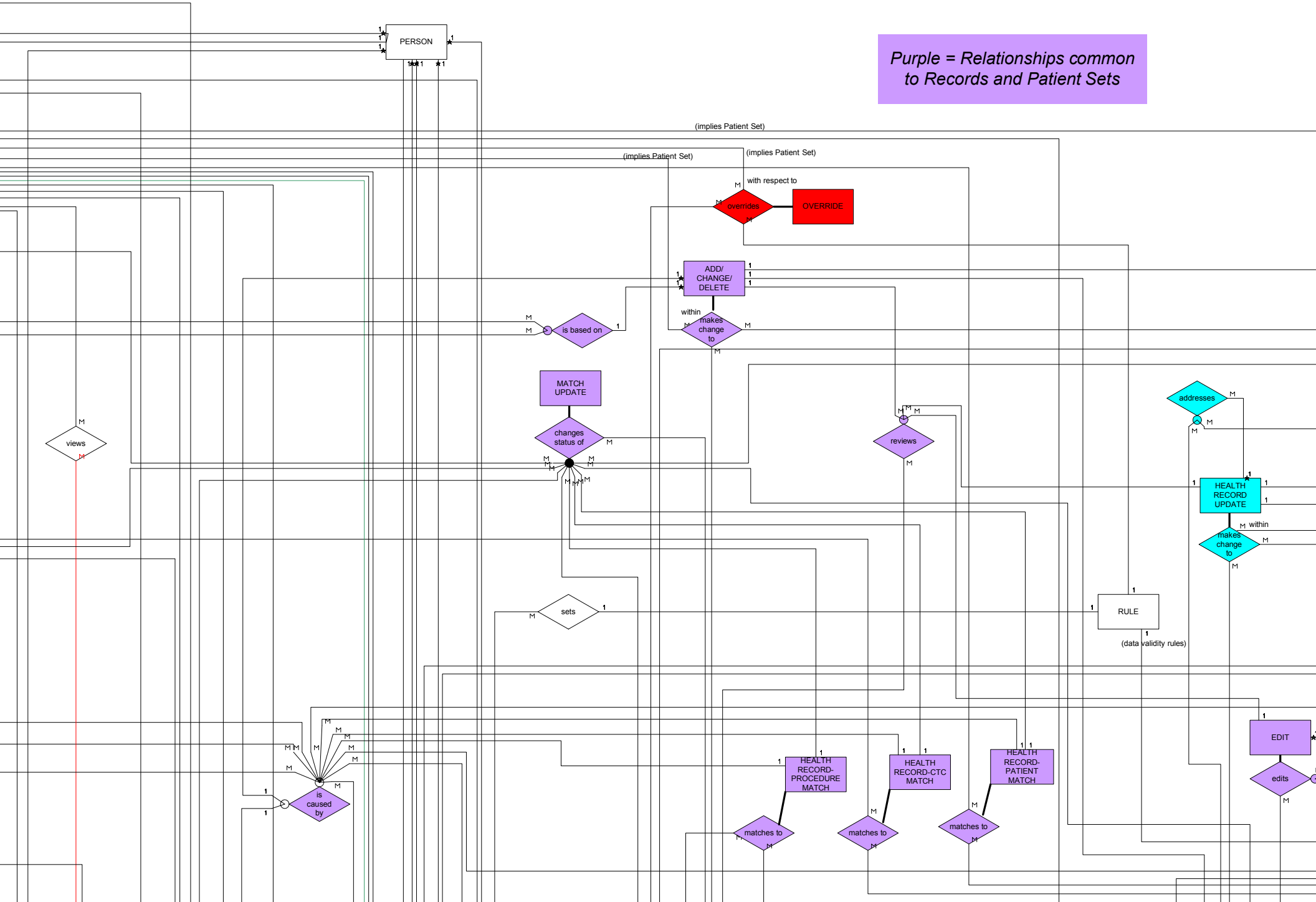

RED = Patient Set
ETHNICITY
is assigned to name of
contributes to
(facility view)
(registry view)
has understanding of
PATIENT
COMORBID CONDITION
has
TYPE OF NON-CANCER DISEASE
comorbid with
appears to match to
SAME PATIENT
TYPE OF MARKER
is associated with
MARKER
is collected for
TYPE OF CANCER
views
CENSUS TRACT
is located within
ADDRESS
resides at
RESIDENCY
is established for
receives mail at
is admitted to
regarding
has
CANCER/ TUMOR/ CASE
covers
PAYER SOURCE
is evaluated by
IMAGE EVALUATION
IMAGE
SPECIMEN
is taken during
refuses
is used to determine stage for
identifies
IDENTIFI-CATION
(old)
(new)
cross-references
appears to match to
SAME CTC
SPECIMEN EVALUATION
is evaluated by
stores
DIAGNOSIS
as
is diagnosed at
is possibly reportable to
(recommended only)
is considered for
CONSIDERED TREATMENT MODALITY
<DIAGNOSING FACILITY>


Purple = Relationships common to Records and Patient Sets
PERSON
(implies Patient Set)
(implies Patient Set)
(implies Patient Set)
with respect to
overrides
OVERRIDE
ADD/ CHANGE/ DELETE
within
makes change to
is based on
MATCH UPDATE
changes status of
views
reviews
addresses
HEALTH RECORD UPDATE
within
makes change to
sets
RULE
(data validity rules)
EDIT
edits
is caused by
HEALTH RECORD-PROCEDURE MATCH
HEALTH RECORD-CTC MATCH
HEALTH RECORD-PATIENT MATCH
matches to
matches to
matches to

Blue relationship off SEER Registry are really the Registry. Black relationships are really (SEER) Org Rep

Red relationships off ORG REP: SEER or Other org
Black relationships off ORG REP: SEER only

SEER Registry
Data Management Project

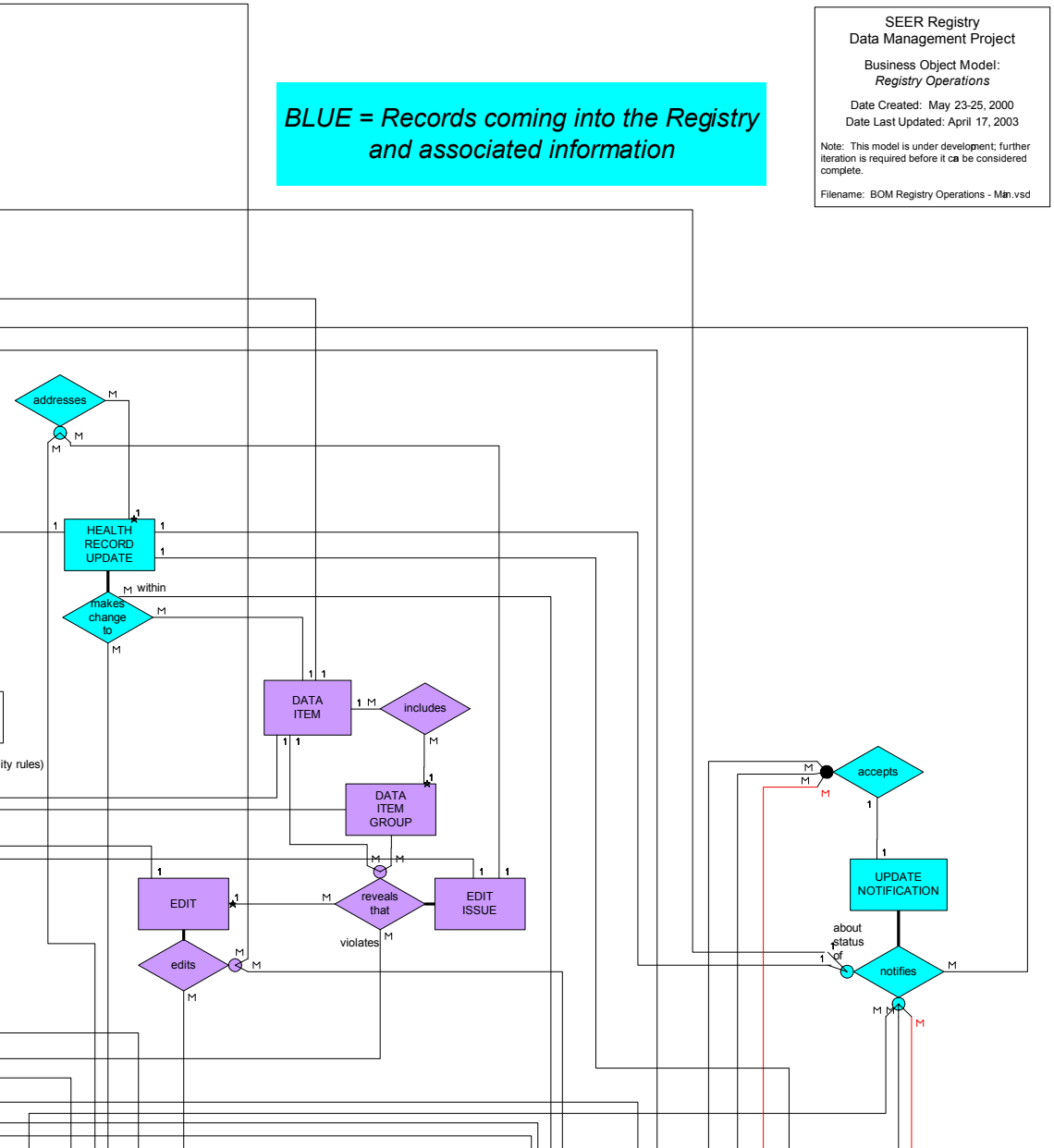
Business Object Model:
Registry Operations

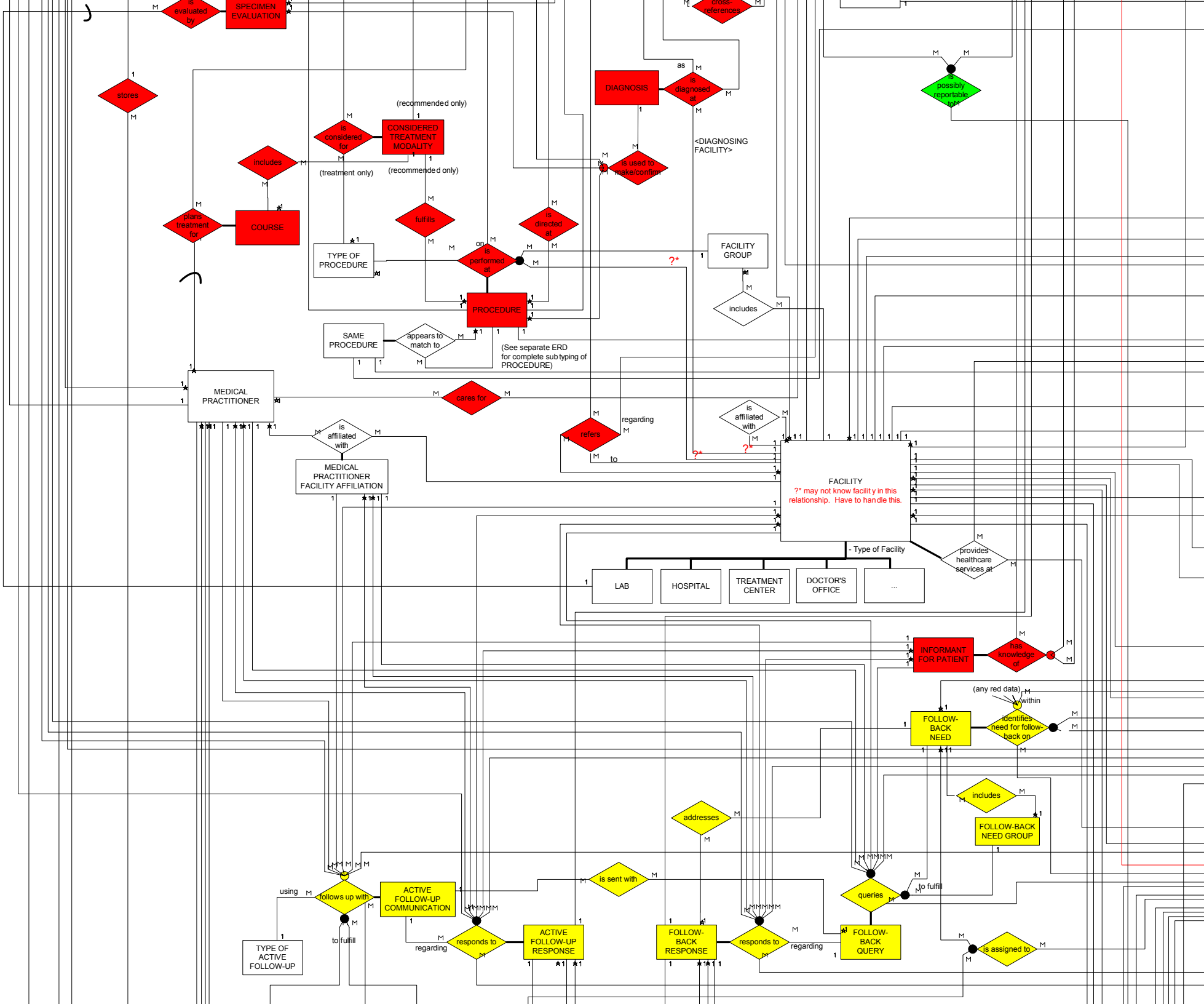
Date Created: May 23-25, 2000
Date Last Updated: April 17, 2003

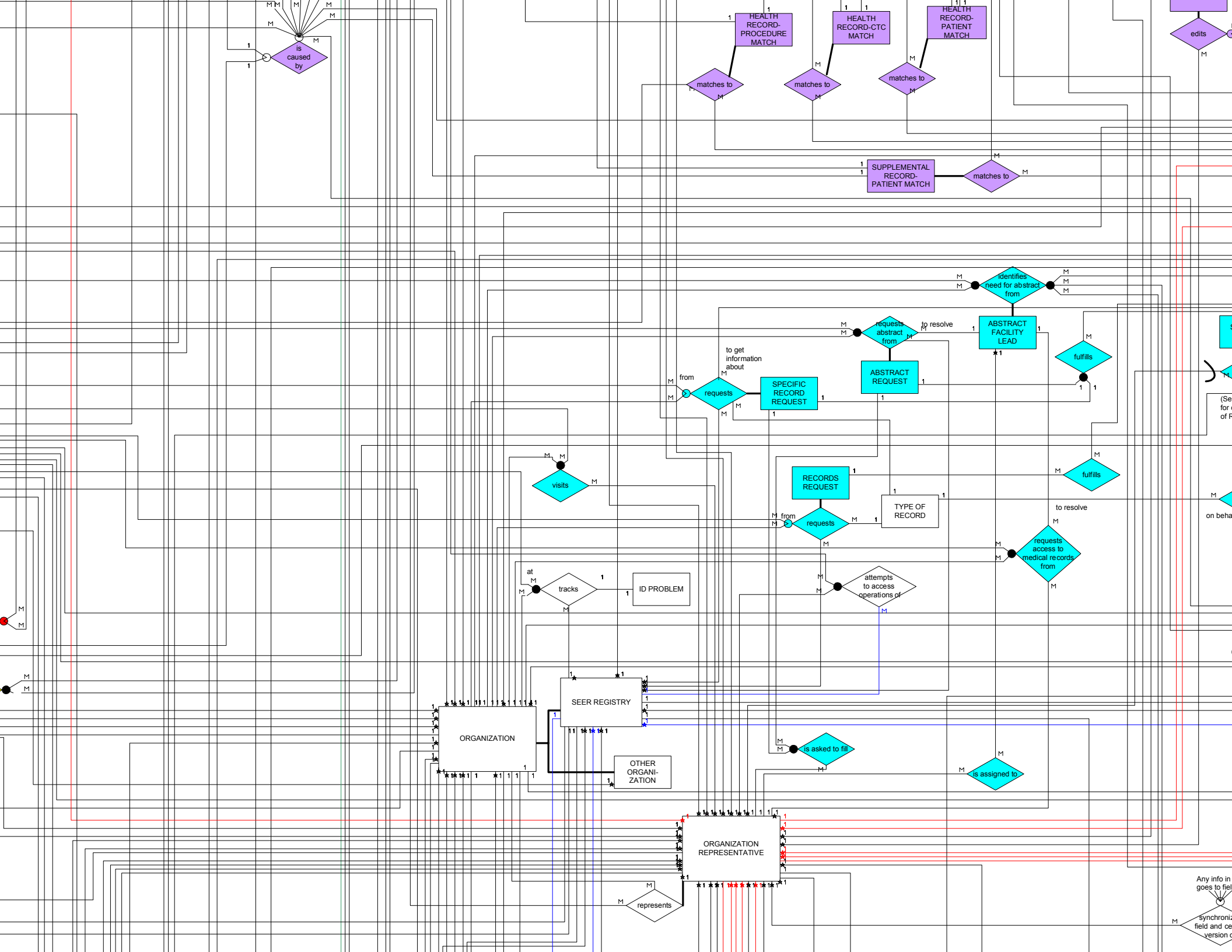
Note: This model is under development; further iteration is required before it can be considered complete.

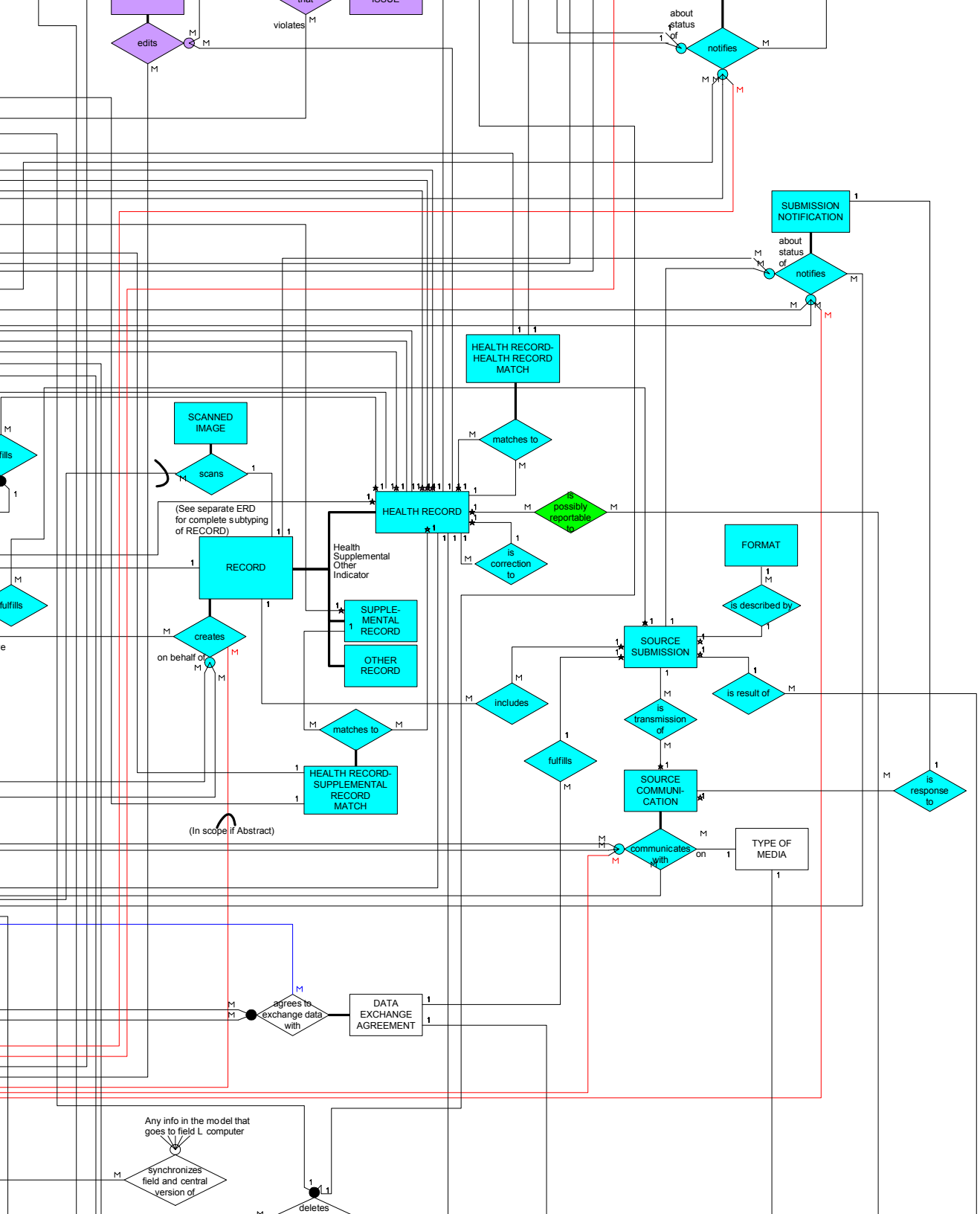
Filename: BOM Registry Operations - Main.vsd

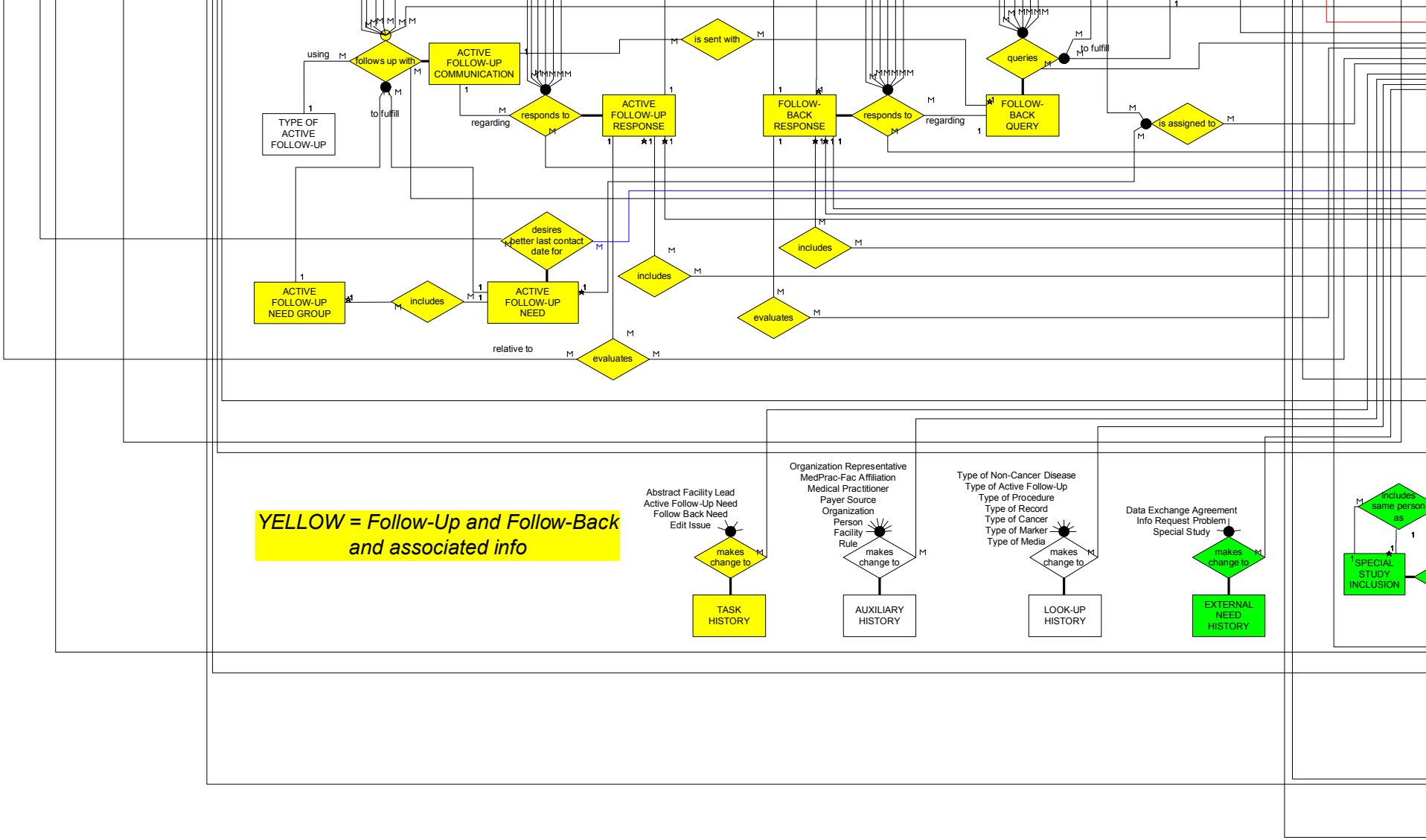
BLUE = Records coming into the Registry and associated information

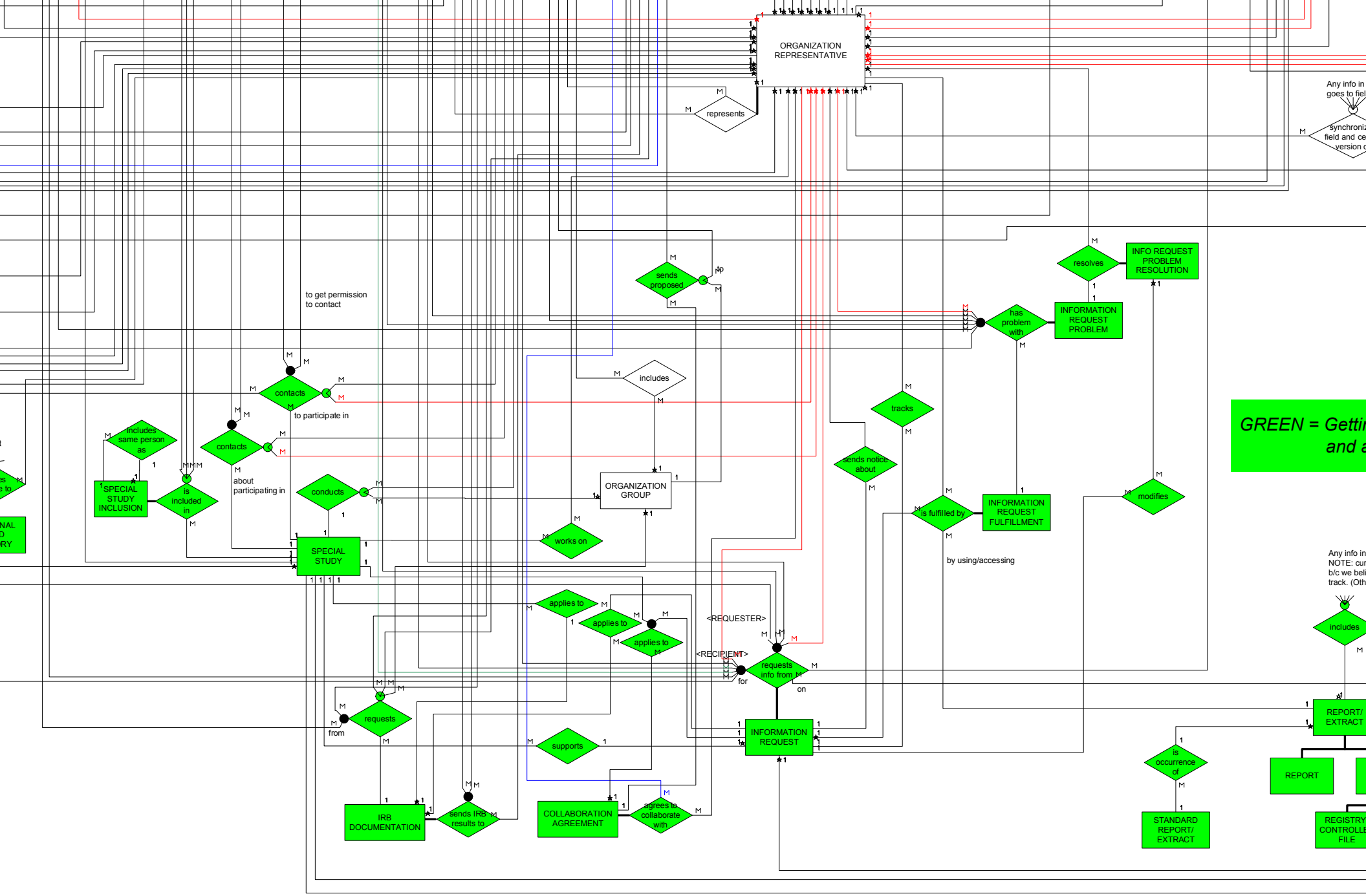


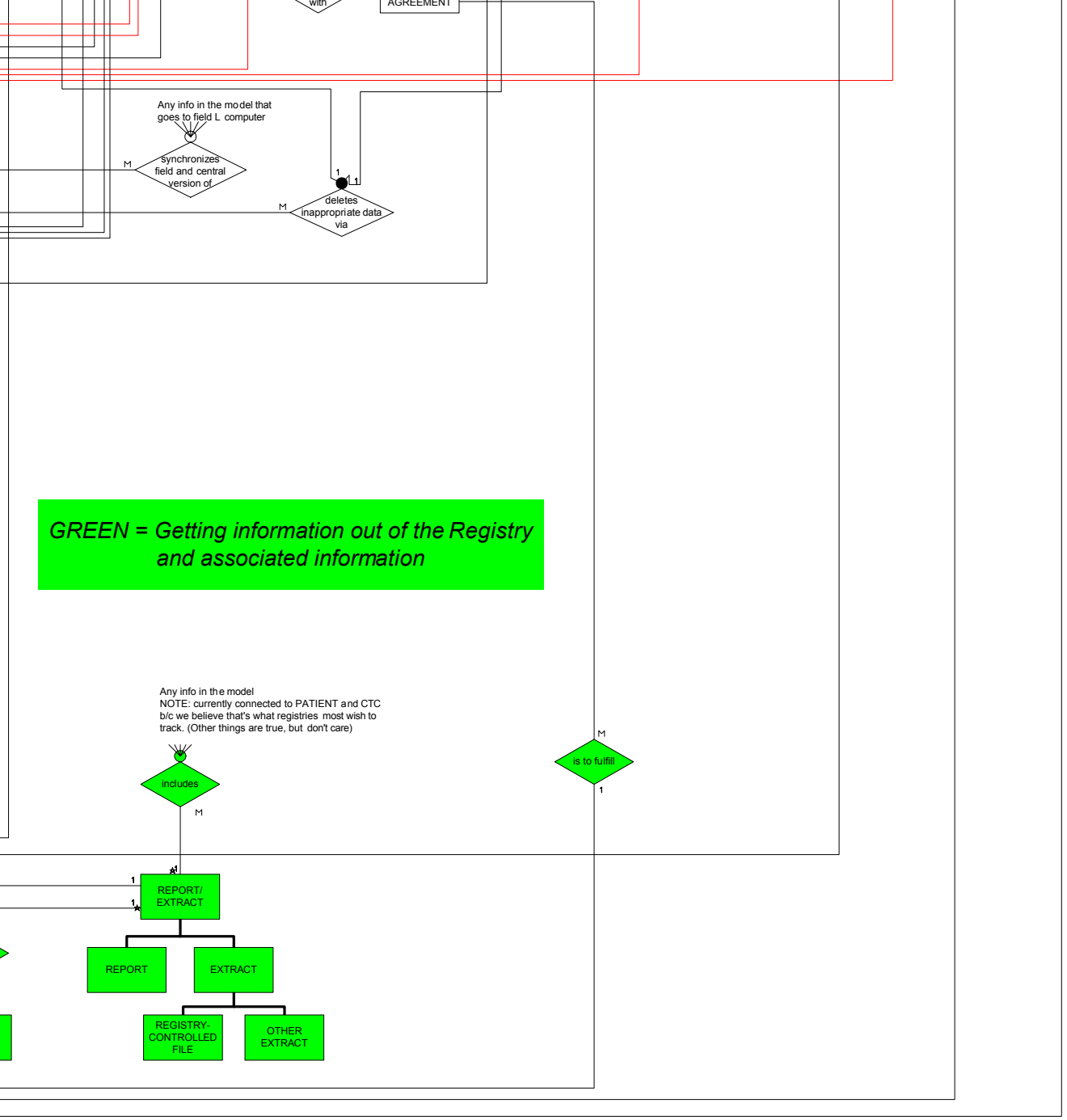

is evaluated by
SPECIMEN EVALUATION
cross-references
stores
DIAGNOSIS
as
is diagnosed at
is possibly reportable by
(recommended only)
is considered for
CONSIDERED TREATMENT MODALITY
<DIAGNOSING FACILITY>
includes
(treatment only)
(recommended only)
is used to make/confirm
plans treatment for
COURSE
fulfills
is directed at
TYPE OF PROCEDURE
on
is performed at
FACILITY GROUP
?*
includes
PROCEDURE
SAME PROCEDURE
appears to match to
(See separate ERD for complete sub typing of PROCEDURE)
MEDICAL PRACTITIONER
cares for
refers
regarding
to
is affiliated with
is affiliated with
MEDICAL PRACTITIONER FACILITY AFFILIATION
FACILITY
?* may not know facility in this relationship. Have to handle this.
- Type of Facility
provides healthcare services at
LAB
HOSPITAL
TREATMENT CENTER
DOCTOR'S OFFICE
...
INFORMANT FOR PATIENT
has knowledge of
(any red data)
within
FOLLOW-BACK NEED
identifies need for follow-back on
includes
FOLLOW-BACK NEED GROUP
addresses
is sent with
queries
to fulfill
using
follows up with
ACTIVE FOLLOW-UP COMMUNICATION
responds to
regarding
ACTIVE FOLLOW-UP RESPONSE
FOLLOW-BACK RESPONSE
responds to
regarding
FOLLOW-BACK QUERY
is assigned to
TYPE OF ACTIVE FOLLOW-UP
to fulfill


is caused by
HEALTH RECORD-PROCEDURE MATCH
HEALTH RECORD-CTC MATCH
HEALTH RECORD-PATIENT MATCH
matches to
matches to
matches to
edits
SUPPLEMENTAL RECORD-PATIENT MATCH
matches to
identifies need for abstract from
requests abstract from
to resolve
ABSTRACT FACILITY LEAD
fulfills
to get information about
from
requests
SPECIFIC RECORD REQUEST
ABSTRACT REQUEST
visits
RECORDS REQUEST
TYPE OF RECORD
fulfills
from
requests
to resolve
requests access to medical records from
at
tracks
ID PROBLEM
attempts to access operations of
SEER REGISTRY
ORGANIZATION
OTHER ORGANI-ZATION
is asked to fill
is assigned to
ORGANIZATION REPRESENTATIVE
represents


edits
violates
about status of
notifies
SUBMISSION NOTIFICATION
about status of
notifies
HEALTH RECORD-HEALTH RECORD MATCH
matches to
SCANNED IMAGE
scans
HEALTH RECORD
is possibly reportable to
is correction to
(See separate ERD for complete subtyping of RECORD)
RECORD
Health Supplemental Other Indicator
SUPPLE-MENTAL RECORD
OTHER RECORD
creates
on behalf of
FORMAT
is described by
SOURCE SUBMISSION
includes
is result of
is transmission of
fulfills
matches to
HEALTH RECORD-SUPPLEMENTAL RECORD MATCH
SOURCE COMMUNI-CATION
is response to
(In scope if Abstract)
communicates with
on
TYPE OF MEDIA
agrees to exchange data with
DATA EXCHANGE AGREEMENT
Any info in the model that goes to field L computer
synchronizes field and central version of
deletes


using
follows up with
to fulfill
TYPE OF ACTIVE FOLLOW-UP
ACTIVE FOLLOW-UP COMMUNICATION
is sent with
regarding
responds to
ACTIVE FOLLOW-UP RESPONSE
FOLLOW-BACK RESPONSE
responds to
regarding
queries
to fulfill
FOLLOW-BACK QUERY
is assigned to
desires better last contact date for
includes
includes
includes
ACTIVE FOLLOW-UP NEED GROUP
includes
ACTIVE FOLLOW-UP NEED
evaluates
relative to
evaluates
YELLOW = Follow-Up and Follow-Back and associated info
Abstract Facility Lead
Active Follow-Up Need
Follow Back Need
Edit Issue
makes change to
TASK HISTORY
Organization Representative
MedPrac-Fac Affiliation
Medical Practitioner
Payer Source
Organization
Person
Facility
Rule
makes change to
AUXILIARY HISTORY
Type of Non-Cancer Disease
Type of Active Follow-Up
Type of Procedure
Type of Record
Type of Cancer
Type of Marker
Type of Media
makes change to
LOOK-UP HISTORY
Data Exchange Agreement
Info Request Problem
Special Study
makes change to
EXTERNAL NEED HISTORY
includes same person as
SPECIAL STUDY INCLUSION


ORGANIZATION REPRESENTATIVE
represents
Any info in goes to fiel
synchroniz field and ce version c
sends proposed
to get permission to contact
resolves
INFO REQUEST PROBLEM RESOLUTION
has problem with
INFORMATION REQUEST PROBLEM
contacts
to participate in
includes
tracks
GREEN = Gettin and a
includes same person as
contacts
about participating in
SPECIAL STUDY INCLUSION
is included in
conducts
ORGANIZATION GROUP
sends notice about
is fulfilled by
INFORMATION REQUEST FULFILLMENT
modifies
SPECIAL STUDY
works on
by using/accessing
Any info in NOTE: cur b/c we beli track. (Oth
applies to
applies to
applies to
<REQUESTER>
<RECIPIENT>
requests info from
for
on
includes
requests
from
supports
INFORMATION REQUEST
REPORT/ EXTRACT
is occurrence of
REPORT
IRB DOCUMENTATION
sends IRB results to
COLLABORATION AGREEMENT
agrees to collaborate with
STANDARD REPORT/ EXTRACT
REGISTRY CONTROLLE FILE



GREEN = Getting information out of the Registry and associated information