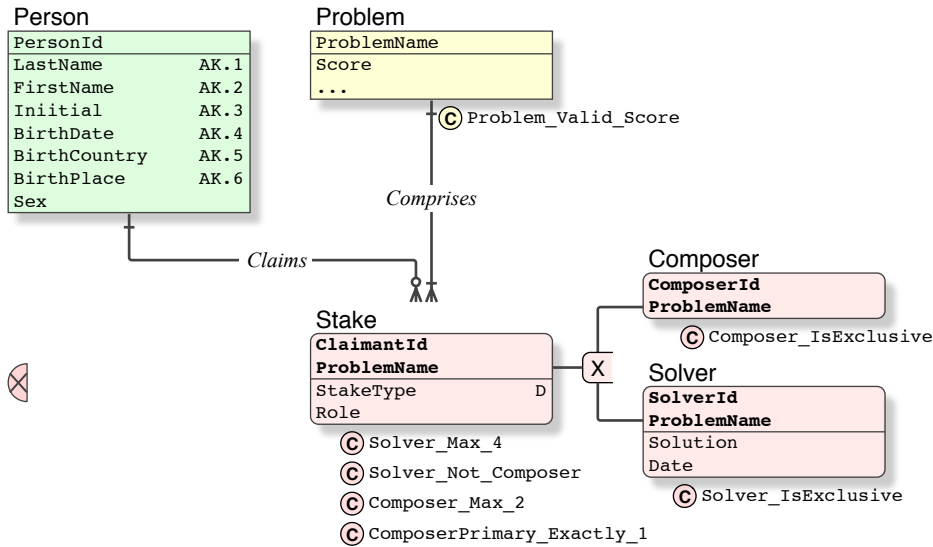


Vitacolonna Model



Resolution
 Role ranges over {primary, secondary, solver}.
 The Discriminator is then lost. Resolved by adding StakeType{Composer|Solver}.

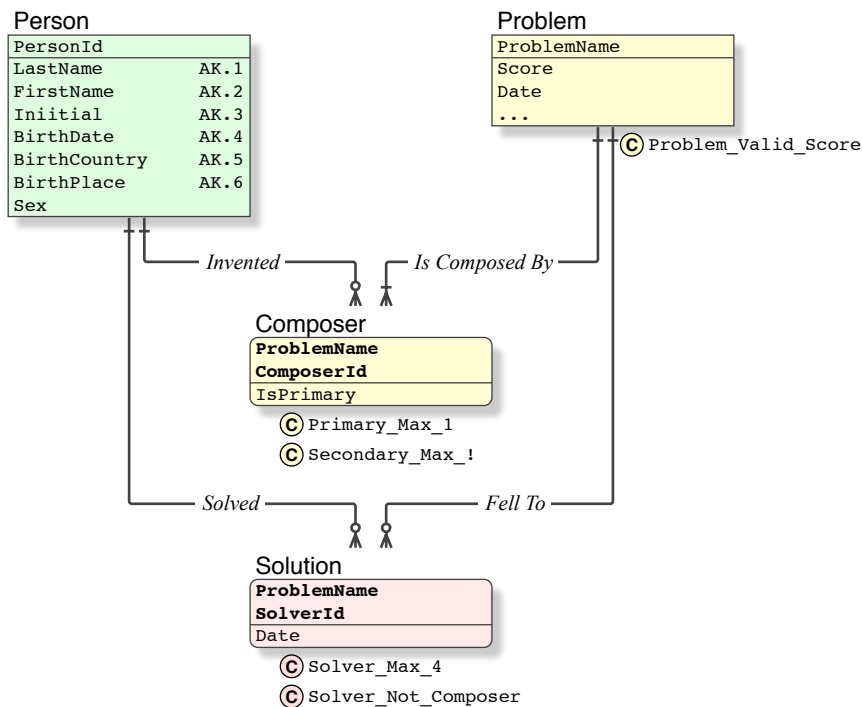
Naming
 I have taken liberties, based on my naming standard. The benefits may be obvious. Reading the Predicates should entertain.

RoleName
 The cumbersome <Role.PK> is replaced with <Role>. That which it is a RoleName of, is obvious.

ConstraintName
 For brevity the standard prefix of TableName, which is also obvious, is omitted. The content is a name, not a condition, which is in the expansion below.

Constraint
 One constraint per condition, rather than per table, allows each to be enabled discretely.

Asirvadem Model



- (C) Composer_Primary_Max_1
CHECK Composer[@Primary] NOT EXISTS
- (C) Composer_Secondary_Max_!
CHECK Composer[@Primary] EXISTS AND
CHECK Composer[@Secondary] NOT EXISTS
- (C) Solver_Max_4
CHECK COUNT(Solution[@ProblemName]) < 4
- (C) Solver_Not_Composer
CHECK Composer[@ProblemName, @SolverId] NOT EXISTS

Entity Type

- Identifying Entity
- Transaction
- TransactionDetail

IDEFIX Notation

