

Entity

From Entity Description

Meaningful to user.

Reflects business data domain.

Noun or noun phrase.

Don't use Organization name.

Pascal case with a space between words. DEPLOYMENT EVENT, PERSON CATEGORY

No Numbers.

Limit abbreviations and acronyms "EMPLOYEE", NOT "EMPLOYEEES".

Database

"MISO_" + System Acronym

Request to ITSO for new DB

MISO_BFMS, MISO_PBMS., ETC.

Table

Entity names without spaces.

Do not prefix with 'tbl'.

Do not use underscores except to indicate the association table (resolve many to many relationship).

ENTITY DEPLOYMENT EVENT BECOMES TABLE DEPLOYMENTEVENT
"CUSTOMER" TABLE AND "PRODUCT" TABLE HAS MANY TO MANY RELATIONSHIP. THE ASSOCIATION TABLE MAY BE NAMED AS "CUSTOMER_PRODUCT" TO INDICATE THE TABLE IS AN ASSOCIATION TABLE.

Attribute

Must be unique within an entity.

Be descriptive and meaningful.

Don't use the DoD class word as the suffix in the name.

Use Pascal case and leave a space between the words

Attribute (cont)

Limit abbreviations and acronyms. If used they are ALL CAPS.

If foreign key Then attribute name = same as it appears in the parent.

Verify parent/child relationship are correct. "PERSON" ENTITY MAY HAVE A CHILD ENTITY. PERSON IDENTIFIER FROM PARENT ENTITY IS THE FOREIGN KEY IN CHILD ENTITY. A FEDERAL EMPLOYEE MAY HAVE A SUPERVISOR AND A TIME CLERK PERSON. THEREFORE, "PERSON" ENTITY HAS 2 RELATIONSHIPS WITH "FEDERAL EMPLOYEE" ENTITY. THE FOREIGN KEY NAME SHOULD BE NAMED TO REFLECT THE CORRESPONDING ROLE. AS AN EXAMPLE, ONE MAY BE NAMED AS "SUPERVISOR PERSON IDENTIFIER" AND ANOTHER MAY BE "TIME CLERK PERSON IDENTIFIER".

Column

Attribute name without spaces.

Don't prefix with "col" or underscore.

Don't use reserved SQL keywords.

Primary Key should be surrogate key FOR "DEPLOYMENTEVENT" TABLE, THE SURROGATE PRIMARY KEY MAY BE NAMED AS "DEPENDENTEVENTID"

Don't add audit columns. INSERTUSERID, INSERTDATETIME, UPDATEUSERID, UPDATEDATETIME, TIMESTAMP AND ROWVERSION



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