Meeting Agenda 03

Meeting Information

Date: November 10, 2016

Time: 5:30 - 9:30 PM

Location: Spink

All Team member

Zang JiaWei (Vigor - Note taker)

Agenda Items:

1. Recall the password is changed S
   1. 888
2. Review and Finalize the database S
3. Fix confuse part of database design S
   1. Type and subtype
   2. Length and width
   3. etc .
4. Finalize the domain name and the type S
   1. Set those into table and attributes
5. Review the project requirement S
   1. Collect the note about today's class
6. Sign assignment to team members S
   1. **Setting Pair Assignment**
   2. Report 1
      1. This one is for patron
   3. Report 2
      1. This one is for professor
   4. Individual Report
      1. This one is for individual (Everyone need to do it, individually)

Level of Signification:

S is for must to do

A is for shoud to do

B is for would like to do

Note:

Beginning of meeting

Works

|  |  |  |
| --- | --- | --- |
| Works |  |  |
| wor-entrymuseum | PK | FK museum  Should to be unique |
| wor-entrylocation | PK | FK museum |
| wor-charId | PK |  |
| wor-numId | PK |  |
| wor-description |  |  |
| wor-type |  | Not needed, need to figure this out |
| wor-subtype |  | Not needed, need to figure this out |
| wor-insuranceValue |  |  |
|  |  | PS Owner atr in separate table |
| Datecreated | Need to be covered |  |
|  |  |  |

WorkMediums

|  |  |  |
| --- | --- | --- |
| wom-charID | PK | FK works |
| wom-numID | PK | FK works |
| wom-originalMuseumname | PK | FK works |
| wom-originalMuseumlocation | PK | FK works |

Location

|  |  |
| --- | --- |
| loc-locationname | PK |
| loc-originalmuseumname | PK FK to museum |
| loc-originalmuseumlocation | PK FK to museum |
| loc-maxcapacity |  |
| loc-mincapacity |  |
| loc-size |  |
| loc-width/length (area) | Question which one should pick |

**Worklcoation (This need temporal data)**

|  |  |  |
| --- | --- | --- |
| wol-charID | PK | FK work |
| wol-numID | PK | FK work |
| wol-originalmuseumname | PK | FK work |
| wol-originalmuseumlocation | PK | FK work |
| wol-museumname | PK | FK location |
| wol-museumlocation | PK | FK location |
| wol-location | PK | FK location |
| Wol-movingindate **(TD)** | PK |  |
| Wol-movingoutdate **(TD)** |  |  |

Museum

|  |  |  |
| --- | --- | --- |
| mus-museumname | PK |  |
| mus-museumlocation | PK |  |
| mus-phonenumber |  |  |

locationconnections

|  |  |  |
| --- | --- | --- |
| lc-origin | PK | FK location |
| lc-end | PK | FK location |
| lc-museumname | PK | FK Museum |
| lc-location | PK | FK Museum |

Exhibition

|  |  |  |
| --- | --- | --- |
| Exh-exhibationname | PK |  |
| Exh-description |  |  |
| exh-startdate | PK |  |
| exh-enddate |  |  |
| exh-museumname | PK | FK museum  Diff museum could have same exhibition name |
| exh-musumlcoation | PK | FK museum |

Exhibitionlocations

|  |  |  |
| --- | --- | --- |
| Exl-exhibatname | PK | FK exhibiton |
| exl-startdate | PK | FK exhibiton |
| esl-museumname | PK | FK location |
| esl-museumlocation | PK | FK location |
| esl-exhibitionlocation | PK | FK location |

Traveling with exhibitionlocation, We will a view to view all at once

Exhibitionworks

|  |  |  |
| --- | --- | --- |
| ew-exhibitname | PK | FK exhibiton |
| ew-exhibitstartdate | PK | FK exhibiton |
| ew-museumname | PK | FK exhibiton |
| ew-museumlocation | PK | FK exhibiton |
| ew-charID | PK | FK works |
| ew-NumID | PK | FK works |
| ew-originalMuseumname | PK | FK works |
| ew-originalMuseumlocation | PK | FK works |

Owner

|  |  |  |
| --- | --- | --- |
| ow-name | PK |  |
| ow-email | PK |  |
| ow-address |  |  |
| own-phonenumber |  |  |

Worksowner

|  |  |  |
| --- | --- | --- |
| wow-charID | PK | FK works |
| wow-numID | PK | FK works |
| wow-originalmuseumname | PK | FK works |
| wow-originalmuseumlocation | PK | FK works |
| wow-ownername |  | FK owner |
| wow-owneremail |  | FK owner |
| -----wow-ownershipstatus---- |  | This is not what we need |
| wow-startdate | PK |  |
| wow-enddate |  |  |

Ps: Record the work ownership, tracking the start date and end date.

**DEL = Databaseentrylocation**

workstransactions (

|  |  |  |
| --- | --- | --- |
| Wtr-numID | PK | FK works |
| Wtr-charID | PK | FK works |
| Wtr-museumname | PK | FK works |
| Wtr-museumlocation | PK | FK works |
| Wtr-transactiontype |  | Sold, borrowed, loaned bought, destroy, damaged, sent for repair  -Potential ( borrowed) |
| -----wtr-DEL |  |  |
| wtr-startdate | PK |  |
| wtr-enddate | PK |  |
| wrt-affectedparty |  | Who we selling to?  FK owner |
| wtr-borrowed |  |  |
| ----wtr-DELAddress |  |  |

Traveling Exhibits

|  |  |  |
| --- | --- | --- |
| tre-exhibitionname | PK | FK exhibition |
| tre-museumname | PK | FK exhibition |
| tre-museumlocation | PK | FK exhibition |
| tre-startdateoriginal | PK | FK exhibition |
| tre-startdate | PK |  |
| tre-sponor | PK |  |
| tre-security |  |  |
| tre-insurance |  |  |
| tre-startdateTraveling |  |  |

Travelling destinations

|  |  |  |
| --- | --- | --- |
| ted-exhibitname | PK | FK Traveling Exhibits |
| ted-museumname | PK | FK Traveling Exhibits |
| ted-startdateoriginal | PK | FK Traveling Exhibits |
| ted-sponsor | PK | FK Traveling Exhibits |
| ted-visiteddate | PK | FK Traveling Exhibits |
| ted-phonenumber |  |  |
| ted-leavedate |  |  |

Sponsors

|  |  |  |
| --- | --- | --- |
| spo-name |  |  |
| spo-museumname |  |  |
| spo-museumaddress |  |  |
| spo-startdateoriginal |  |  |
| spo-startdatetravelling |  |  |

Multiple sponsor on same item.

Type and SubType formating

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Vigor | Sam | Richard | Don | WF |  |
| type | Area :  Aisan  American | Metal work  Furniture  etc | Astronnamrative  Chemtry  Computing technique  Fishing | Painting  Metal works  Texture  Clocks  sculpture | Portrait  Miniportrait  Landscape  abstract |  |
| subtype | Asian Painting | African painting |  | History  Landscape  Jewelry  Garpestry  etc | 1800-1820  1814-1834 |  |
| Extra Thing | Keyword  Which like another type for example:  ART isreal |  | Simple elet thing. |  | Boolean for war pieces |  |

**Assignment**

|  |  |  |
| --- | --- | --- |
| Part A | Part B | Part C |
| ( Vigor ) | Temporal (Don) | Diagrams and db structure and writing (WF) |
|  | Rewrite (Sam) | Tables and Domains (R) |
|  |  |  |

To handle type & subtype

In work table

Create physical property attribute(may be rename it)

Each work can fit into only one

List is :

Metal Work

Furniture

Carving

Ceramics

Painting

Textile

Electrical Works

Mechanical Works

Enforced by domain

There is also a classification attribute as well

Allover arching

Actions to format the type and subtype

Vigor can fit everything into sam’s type

Sam adds sculpture category

Warren can translate subtypes to early American, modernism, american, impressionism

Use conceptual table for war pieces

All over archins things that cannot fit into these are cover the themes table

Themes all PK

|  |  |  |
| --- | --- | --- |
| the-numID | PK | FK works |
| the-charID | PK | FK works |
| the-DEL | PK | FK works |
| the-DELAddress | PK | FK works |
| the-theme | PK | FK works |

Physical property

Classification

items can just have one classifications

Themes table

DEL issue

Ending of meeting