Team 8 Individual Report

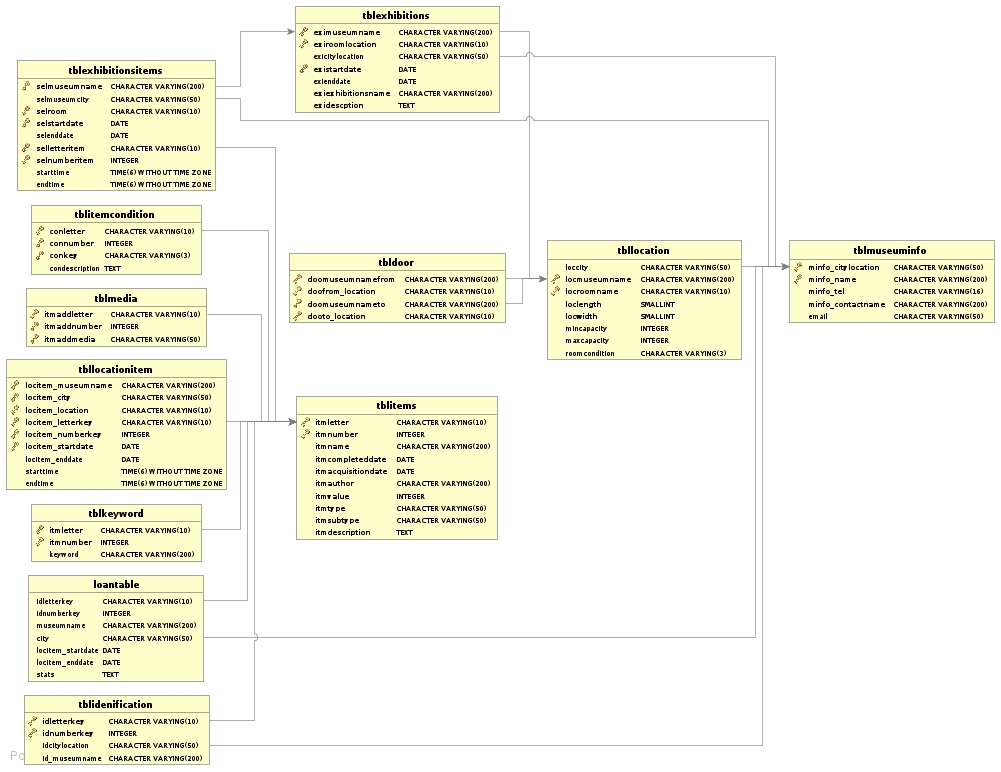
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## NSID: 11148860

Team Database Structure



Student Database Structure



### Difference between database

Core functionalities

Works

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| wor-WorkCharID | My database has those but in different name | NONE | NONE |
| wor-WorkNumID | My database has those but in different name | NONE | NONE |
| wor-DatabaseEntryLocation | My database Does not have it | When I insert works information into team database on this table, I need to added the location information | Query this information from this information and check does it have database entry location which is my museum name. |
| wor-DatabaseEntryLocationAddress | My database Does not have it | When I insert works information into team database on this table, I need to added the location address information | Query this information from this information and check does it have database entry location which is my museum address. |
| wor-description | My database has those but in different name | NONE | NONE |
| wor-PhysicalProperty | My database has those but in different name.  However the standard is different | I need change my type fit into the physical property standard | Query this column and check this result are all in the standard.  It should be painting or sculpture. |
| wor-workClassification | My database has those but in different name.  However the standard is different | I need change my type fit into the Classification  strandard | Query this column and check this result are all in the classifications standard |
| wor-DateCreated | My database has those but in different name | NONE | NONE |
| wor-InsuranceValue | My database has those but in different name | NONE | NONE |
| wor-WorkBorrowable | Does not have this attributes. | When I insert my data, I need to check the loanwork table which the table contain all the loan works | Check this out that the loanable items are all in the loanwork table in my original databse |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

WorkMediums

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| wme-WorkCharID references Works (WorkCharID) | My database has those but in different name | NONE | NONE |
| wme-WorkNumID references Works (WorkNumID) | My database has those but in different name | NONE | NONE |
| wme-WorkDatabaseEntryLocation references Works (DatabaseEntryLocation) | Does not have this attributes. | When I insert works information into team database on this table, I need to added the location information | Query this table to check this table have item with char and number have museum name |
| wme-DatabaseEntryLocationAddress  references Works (DatabaseEntryLocationAddress)  wme-Medium | Does not have this attributes. | When I insert works information into team database on this table, I need to added the location address information | Query this table to check this table have item with char and number have museum address |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

WorkThemes

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| wth-WorkCharID references Works (WorkCharID) | My database has those but in different name | NONE | NONE |
| wth-WorkNumID references Works (WorkNumID) | My database has those but in different name | NONE | NONE |
| wth-WorkDatabaseEntryLocation references Works (DatabaseEntryLocation) | Does not have this attributes. | When I insert works information into team database on this table, I need to added the location information | Query this table to check this table have item which are belong to me with char and number have museum name |
| wth-DatabaseEntryLocationAddress  references Works (DatabaseEntryLocationAddress) | Does not have this attributes. | When I insert works information into team database on this table, I need to added the location address information | Query this table to check this table have item which belong to me with char and number have museum address |
| wth-Theme | Does not have this attributes. | Need to copy what I have in works table and insert into this table. | Query the item which is belong to me, and make sure that my original themes are changed into standard |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

WorkLocations

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| won-WorkCharID references Works (WorkCharID) | My database has those but in different name | NONE | NONE |
| wol-WorkDepartureTime | My database has those but in different name | NONE | NONE |
| won-WorkNumID references Works (WorkNumID) | My database has those but in different name | NONE | NONE |
| won-WorkDatabaseEntryLocation references Works (WorkDatabaseEntryLocation) | Does not have this attributes. | When I insert works information into team database on this table, I need to added the location information | Query this table to check this table have item which are belong to me with char and number have museum name |
| won-DatabaseEntryLocationAddress  references Works | Does not have this attributes. | When I insert works information into team database on this table, I need to added the location address information | Query this table to check this table have item which belong to me with char and number have museum address |
| wol-WorkArrivalTime | My database has those but in different name | NONE | NONE |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

ExhibitionWorks

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| exw-ExhibitName references Exhibitions (ExhibitName) | My database has those but in different name | NONE | NONE |
| exw-MuseumName references Exhibitions (MuseumName) | My database has those but in different name | NONE | NONE |
| exw-Museumlocation references  Exhibitions (MuseumLocation) | My database has those but in different name | NONE | NONE |
| exw-ExhibitStartDate references  Exhibitions (ExhibitStartDate) | My database has those but in different name | NONE | NONE |
| exw-WorkCharID references Works (WorkCharID) | My database has those but in different name | NONE | NONE |
| exw-WorkNumID references Works (WorkNumID) | My database has those but in different name | NONE | NONE |
| exw-WorkDatabaseEntryLocation references Works (DatabaseEntryLocation) | Does not have this attributes. | When I insert works information into team database on this table, I need to added the location information | Query this table to check this table have item which are belong to me with char and number have museum name |
| exw-DatabaseEntryLocationAddress  references Works (DatabaseEntryLocationAddress) | Does not have this attributes. | When I insert works information into team database on this table, I need to added the location address information | Query this table to check this table have item which belong to me with char and number have museum address |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

Museums

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| mus-museumName | My database has those but in different name | NONE | NONE |
| mus-museumLocation | My database has those but in different name | NONE | NONE |
| mus-phoneNumber | My database has those but in different name | NONE | NONE |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

Locations

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| loc-LocationName | My database has those but in different name | NONE | NONE |
| loc-MuseumName | My database has those but in different name | NONE | NONE |
| loc-MuseumLocation | My database has those but in different name | NONE | NONE |
| loc-LocationSuggestedCapacityMin | My database has those but in different name | NONE | NONE |
| loc-LocationWidth | My database has those but in different name | NONE | NONE |
| loc-LocationLength | My database has those but in different name | NONE | NONE |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

Door

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| dor-LocationNameOrigin | My database has those but in different name | NONE | NONE |
| dor-LocationNameEnd | My database has those but in different name | NONE | NONE |
| dor-MuseumName references Exhibitions (MuseumName) | My database has those but in different name | NONE | NONE |
| dor-Museumlocation references  Exhibitions (MuseumLocation) | My database has those but in different name | NONE | NONE |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

ExhibitionLocations

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| elo-ExhibitName references Exhibitions (ExhibitName) | Does not have this attributes.  Because I stored the information about exhibition location in exhibition table | My exhibition location information is stored in exhibition table, which is mean I need move the exhibition name information into this table, when I insert my information in team database | Query from my original database, and check the exhibition table check they are same in exhibition location table |
| elo-MuseumName references Exhibitions (MuseumName) | Does not have this attributes.  Because I stored the information about exhibition location in exhibition table | My exhibition location information is stored in exhibition table, which is mean I need move the museum name information into this table, when I insert my information in team database | Query form the museum name table to check this is same with the new team database |
| elo-Museumlocation references  Exhibitions (MuseumLocation) | Does not have this attributes.  Because I stored the information about exhibition location in exhibition table | My exhibition location information is stored in exhibition table, which is mean I need move the museum location information into this table, when I insert my information in team database | Query form the museum location table to check this is same with the new team database |
| elo-ExhibitStartDate references  Exhibitions (ExhibitStartDate) | Does not have this attributes.  Because I stored the information about exhibition location in exhibition table | My exhibition location information is stored in exhibition table, which is mean I need move the start date information into this table, when I insert my information in team database | Query from the exhibition table with the same format in new team database, and check this is same. |
| elo-LocationName references Locations(LocationName) | Does not have this attributes.  Because I stored the information about exhibition location in exhibition table | My exhibition location information is stored in exhibition table, which is mean I need move the location name information into this table, when I insert my information in team database | Query the table which what I have, and check this is same. |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

Exhibitions

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| exh-ExhibitionName | My database has those but in different name | NONE | NONE |
| exh-MuseumName | My database has those but in different name | NONE | NONE |
| exh-Museumlocation | My database has those but in different name | NONE | NONE |
| exh-ExhibitStartDate | My database has those but in different name | NONE | NONE |
| exh-ExhibitEndDate | My database has those but in different name | NONE | NONE |
| exh-Description | My database has those but in different name | NONE | NONE |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

Transactions



Works

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| wor-WorkCharID | My database has those but in different name | NONE | NONE |
| wor-WorkNumID | My database has those but in different name | NONE | NONE |
| wor-DatabaseEntryLocation | My database Does not have it | When I insert works information into team database on this table, I need to added the location information | Query this information from this information and check does it have database entry location which is my museum name. |
| wor-DatabaseEntryLocationAddress | My database Does not have it | When I insert works information into team database on this table, I need to added the location address information | Query this information from this information and check does it have database entry location which is my museum address. |
| wor-description | My database has those but in different name | NONE | NONE |
| wor-PhysicalProperty | My database has those but in different name.  However the standard is different | I need change my type fit into the physical property standard | Query this column and check this result are all in the standard.  It should be painting or sculpture. |
| wor-workClassification | My database has those but in different name.  However the standard is different | I need change my type fit into the Classification  strandard | Query this column and check this result are all in the classifications standard |
| wor-DateCreated | My database has those but in different name | NONE | NONE |
| wor-InsuranceValue | My database has those but in different name | NONE | NONE |
| wor-WorkBorrowable | Does not have this attributes. | When I insert my data, I need to check the loanwork table which the table contain all the loan works | Check this out that the loanable items are all in the loanwork table in my original databse |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

WorkOwners

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| won-WorkCharID references Works (WorkCharID) | My database has those but in different name. | NONE | NONE |
| won-WorkNumID references Works (WorkNumID) | My database has those but in different name. | NONE | NONE |
| won-WorkDatabaseEntryLocation references Works (WorkDatabaseEntryLocation) | I don’t have this attribute, therefore, I need to create this attribute | When I insert works information into team database on this table, I need to added the location information | Query this table, and check out the museum name information about the item, check out the is this my museum name |
| won-DatabaseEntryLocationAddress  references Works (DatabaseEntryLocationAddress) | I don’t have this attribute, therefore, I need to create this attribute | When I insert works information into team database on this table, I need to added the location address information | Query this table, and check out the museum address information about the item, check out the is this my museum address |
| won-ownerName references Owners (ownerName) | I don’t have this attribute, therefore, I need to create this attribute | Add new attribute change the institution name into this attribute | Query this modification attributes and check out this is valid name. |
| won-ownerEmail references Owners (ownerEmail) | I don’t have this attribute, therefore, I need to create this attribute | Create new data information about the email | Query this data which is new data, that I originally don’t have this information, and make sure those are email address |
| won-OwnershipStartDate | I don’t have this attribute, therefore, I need to create this attribute | Create new date into new table when I insert into this team database | Query this data which is new data, that I originally don’t have this information, and make sure those are start date |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

Owner

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| own-ownerName | I don’t have this table, but I save this owner information as institutions | Needed to change to valid name when we insert into team database | Query this data, and compare with the owner result in works owner table. |
| own-ownerEmail | I don’t have this table, I save this owner information as institutions with name and address | Needed to create email information when I insert this data into team database | Query this data, and compare with the owner result in works owner table. |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

WorkTransactions

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| wtr-WorkCharID references Works (WorkCharID) | My table to contain this information is in item condition table | Needed to select this information from condition table and insert into transactions table. | Query this is mine item and make sure those are my work |
| wtr-WorkNumID references Works (WorkNumID) | My table to contain this information is in item condition table | Needed to select this information from condition table and insert into transactions table. | Query this is mine item and make sure those are my work |
| wtr-WorkDatabaseEntryLocation references Works (WorkDatabaseEntryLocation) | This table does not have this attribute | When I insert works information into team database on this table, I need to added the location information | Query this is mine museum name is same value, and make sure those are same |
| wtr-DatabaseEntryLocationAddress references Works (DatabaseEntryLocationAddress) | This table does not have this attribute | When I insert works information into team database on this table, I need to added the location address information | Query this is mine museum address is same value, and make sure those are same |
| wtr-TransactionType | My database has those but in different name. | NONE | NONE |
| wtr-TransactionTime | My database has those but in different name. And this is in loan table | Need to query this from loantable to get the start date into this table. | Query this date and make sure they are all same date with loan table in my original table |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

## 

## Traveling Exhibition

TravellingExhibitions

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| tre-ExhibitName references Exhibitions (ExhibitName) | I don’ t have this table, because I stored this traveling exhibition information into the exhibition table | Query this from exhibition table which is traveling exhibition and insert into team database | Query this data and compare the traveling exhibition which in the exhibition table, and make sure they are same |
| tre-Security | I am missing this information, therefore, I need to add security name.  Because I save this information in museum information tabe | Add security name into the team database by make the name up. | Query this information and compare with the name in the table of museum information table, and make sure they don’t exist in the table, because my original database does not have those name information about security |
| tre-MuseumName references Exhibitions(MuseumName) | I don’t have this in the table but in different name in different table. | NONE | NONE |
| tre-MuseumLocation references  Exhibitions(MuseumLocation) | I don’t have this in the table but in different name in different table. | Query this from exhibition table which is traveling exhibition and insert into team database | Query this data and compare with the exhibition table which exhibtion are traveling exhibition, and make sure they are same. |
| tre-ExhibitStartDateOriginal references Exhibitions(ExhibitStartDate) | I don’t have this in the table but in different name in different table. | Query this from exhibition table which is traveling exhibition and insert into team database | Query this data and compare with the start date in the exhibition table (which are traveling exhibition), and make sure they are same |
| tre-ExhibitDepartureDate | I don’t have this in the table but in different name in different table. | Query this from exhibition table which is traveling exhibition and insert into team database | Query this data and compare with the end date in the exhibition table (which are traveling exhibition), and make sure they are same |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

TravellingExhibitionSponsors

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| spo-ExhibitName references TravellingExhibitions(ExhibitName) | I don’t have this table in my database design, but this attribute is in exhibition table | Needed to query from exhibition table which is traveling, and insert this into team database. | Query this data and compare this with exhibition table which are traveling exhibition and make sure they are all same |
| spo-MuseumName references TravellingExhibitions (MuseumName) | I don’t have this table in my database design, but this attribute is in exhibition table | Needed to query from exhibition table which is traveling, and insert this into team database. | Query this data and compare this with exhibition table which are traveling exhibition and make sure they are all same |
| spo-MuseumLocation references TravellingExhibitions (MuseumLocation) | I don’t have this table in my database design, but this attribute is in exhibition table | Needed to query from exhibition table which is traveling, and insert this into team database. | Query this data and compare this with exhibition table which are traveling exhibition and make sure they are all same |
| spo-ExhibitStartDateOriginal references TravellingExhibitions (ExhibitStartDateOriginal) | I don’t have this table in my database design, but this attribute is in exhibition table | Needed to query from exhibition table which is traveling, and insert this into team database. | Query this data and compare this with exhibition table which are traveling exhibition and make sure they are all same |
| spo-ExhibitDepartureDate references TravellingExhibitions (ExhibitDepartureDate) | I don’t have this table in my database design, but this attribute is in exhibition table | Needed to query from exhibition table which is traveling, and insert this into team database. | Query this data and compare this with exhibition table which are traveling exhibition and make sure they are all same |
| spo-sponsorName | I don’t have this attribute | Needed to create a value for information about sponsor name. | Query this data and make sure those are new data, because I don’t have this.  Or compare with museum information table, because this table contain contactor information. |
| spo-SponsorAmount | I don’t have this attribute | Needed to calculate this value when I insert the value. | Query this data and make sure those are match the insurance values are greater than the total value of insurance |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |

TravellingExhibitionDestinations

|  |  |  |  |
| --- | --- | --- | --- |
| Team Database | My Database | Modifications | Modifications Evaluation |
| spo-ExhibitName references TravellingExhibitions(ExhibitName) | I don’t have this table because I’m using exhibition table because exhibition table contain the information about exhibition information including traveling | Query the exhibition name information from exhibition which is traveling, and insert into the team database | Query this data and compare with the exhibition table which are traveling. And make sure they are same |
| spo-MuseumName references TravellingExhibitions (MuseumName) | I don’t have this table because I’m using exhibition table because exhibition table contain the information about exhibition information including traveling | Query the museum name information from exhibition which is traveling, and insert into the team database | Query the museum name and compare with query the museum name which are traveling exhibition, and make sure they are same. |
| spo-MuseumLocation references TravellingExhibitions (MuseumLocation) | I don’t have this table because I’m using exhibition table because exhibition table contain the information about exhibition information including traveling | Query the museum location information from exhibition which is traveling, and insert into the team database | Query this data and compare this information with museum information table and |
| spo-ExhibitStartDateOriginal references TravellingExhibitions (ExhibitStartDateOriginal) | I don’t have this table because I’m using exhibition table because exhibition table contain the information about exhibition information including traveling | Query the exhibition end date information from exhibition which is traveling, and insert into the team database | Query this data and compare with the exhibition table which are traveling exhibition and make sure they are same |
| spo-ExhibitDepartureDate references TravellingExhibitions (ExhibitDepartureDate) | I don’t have this table because I’m using exhibition table because exhibition table contain the information about exhibition information including traveling | Query the exhibition end date information from exhibition which is traveling, and insert into the team database | Query this data and compare with the exhibition table which are traveling exhibition and make sure they are same |
| ted-LocationName | I don’t have this table because I’m using exhibition table because exhibition table contain the information about exhibition information including traveling | Query the exhibition location information from exhibition which is traveling, and insert into the team database | Query this data and query the original data |
| ted-ExhibitArrivalDate | I don’t have this table because I’m using exhibition table because exhibition table contain the information about exhibition information including traveling.  And I separate the one exhibition into different exhibition and stored as different exhibition. | Query the exhibition start in exhibition table which is traveling information and insert into the team database | Query this value and compare the exhibitions are exist in the exhibition table which are traveling exhibitions |
| ted-DestinationPhoneNumber | I don’t have this attribute in exhibition table, because I stored this information in the museum information table, which I think that museum information could also contain the information about the museum contactor of traveling | Query the information from the information in table museum information table | Query this data and compare the query result in museum information table, and make sure they are same |
| ted-ExhibitDepartureDateLocation | I don’t have this table because I’m using exhibition table because exhibition table contain the information about exhibition information including traveling.  And I separate the one exhibition into different exhibition and stored as different exhibition. | Query the exhibition end date in exhibition table which is traveling information and insert into the team database | Query this value and compare the exhibitions are exist in the exhibition table which are traveling exhibitions |
| How to transformations | After modification of the attributes, and evaluate the result of modification, then Select all the information which I need and save as view, and insert into the team database. | | |
| Check the new database is correct | Query all attributes in this table, and check the order and there is no missing value in the query result, make sure they are all there | | |