

## Main Models

*Required Field \**

**1 - Users** - users to the system  
Basic Django Auth

### **2 - Collection**

PK, Collection Name\* , Parent Collection Id ( one to one from COllection)

### **3 - People**

PK

Title\* ( One to one from Admin Sub Model )

Name\*

Position\*

Date of Birth

Died (Date)

Date Active From

Date Active To ( Validation To > From if To != null)

Is Royal ( Yes / No ) \* - Auto 'No' if Yes Populate below

Royal Title

Royal Full Name

House ( 1-1 lookup from admin sub models )

Dynasty ( 1-1 lookup from admin sub models )

Was Emperor ( Yes / No )

Predecessor (1-1 People Lookup)

Successor (1-1 People Lookup)

Consort ( 1-1 People Lookup)

Wives (1-Many People Lookup)

Issues (1-Many People Lookup)

Father (1-1 People Lookup)

Mother (1-1 People Lookup)

Religion ( 1-1 lookup from admin sub models )

### **4- Places of Interest**

Name\*

Country\*

GeoLocation ( lat, long)

Places of Interest Type \* { //Admin Sub Model

Cities & Towns

Forts & Palaces  
Monuments  
Buildings  
Gardens  
Schools  
Religions Sites  
Burial Grounds  
}  
Date Built\*  
Pictures ( one to Many )

## **5- Digital Asset**

Asset Issue Date \*  
Name \*  
Description  
Current Location Source  
Source Reference Number  
Source Reference Collection  
Local Collection ( One to Many ) Model 2  
Person Involved (One to many) Model 3  
Role of Person Involved ( one to many ) Model 11 , and ( one to one Person Involved )  
Places Involved (One to many) Model 4  
Events Involved (One to many) Model 6  
Size ( Admin Specified Drop down )  
Material ( Admin Specified Drop down )  
Asset Tags { Admin Specified Drop down\*\* Many Tagging  
Manuscript Document ,  
Print Document,  
Map  
Seal  
Emblem  
Flag  
Art  
Calligraphy  
Carpet  
Poetry  
Literature  
Music  
Clothing & Fashion  
Jewellery  
Sport  
Processions  
Camps

Ceremony  
Science  
Armoury & Weapons  
Lifestyle  
}  
Has Translation Yes /No ?  
Languages ( one to Many )  
Pictures ( One to Many )  
Document ( One to Many )  
Video ( One to Many )  
Audio ( One to Many )

## **6 - Historical Events**

Date Started\*  
Date Ended\*  
Event Name\*  
Event Type( one to one - Admin model )  
People Involved\*  
Role of Person Involved ( one to many ) Model 11 , and ( one to one Person Involved )  
Places Involved\*  
Pictures

## **7- Location Source**

Source Branch ( if Any)  
Logo (Image)  
Address  
Country { Drop down }  
City

## **8 - Translation**

Id  
Translated Source Language - From model Languages ( One to one )  
Translated Text  
Translated by

## **9 - Activity Stream**

Id  
Timestamp  
User Id  
Action ( Created, Modified, Deleted)  
Module ( People, Places of Interest , Digital Asset , Battle, Location Source, Translation)  
Module Reference

## **10 - Picture**

Pk, Image file, Caption\*, Location Source

## **11- Document**

Pk, Document File

# **Sub Models ( Admin only Screens )**

### **1- Languages { Pk , Description }**

Data : {  
English  
Old Persian  
Hindi  
Urdu  
Sanskrit  
Arabic  
}

### **2- Size { Pk, Description\* }**

### **3- Material { Pk, Description\* }**

### **4- Asset Tags {Pk, Description\* }**

Data: Manuscript Document ,  
Print Document,  
Book,  
Map  
Seal  
Emblem  
Flag  
Art  
Calligraphy  
Carpet  
Poetry  
Literature  
Music  
Clothing & Fashion  
Jewellery  
Sport  
Processions  
Camps  
Ceremony  
Science  
Armoury & Weapons  
Lifestyle

}

### **5- Event Type**

{Pk, Description\*}

Data: Battle, Procession, Coronation, Ceremony, Mutiny, Coup, Wedding

### **6- Title**

{Pk, Description\*}

### **7 - House**

{ Pk, Description \* }

### **8 - Dynasty**

{ Pk, Description \* }

### **9 - Religion**

{ Pk, Description \* }

### **10 - Places of Interest Type { Pk, Description \* }**

Data: { //Admin Sub Model

Cities & Towns

Forts & Palaces

Monuments

Buildings

Gardens

Schools

Religions Sites

Burial Grounds

}

### **11- Person Role**

{Pk , Description }

Example data {

Recipient

Artist

Sender

Author

}

# Integrations

If Asset = Document & Document = Print || Book **Use Mayan EDMS for showing documents**

Use for Admin this styling django-material ( <http://forms.viewflow.io/> )

Use Any Reliable Django Tagging system <https://www.djangopackages.com/grids/g/tagging/>

Use Auto-complete app whenever necessary

<https://www.djangopackages.com/grids/g/auto-complete/>

Use countries wherever necessary <https://www.djangopackages.com/grids/g/countries/>

Use Basic Bootstrap 3 for Interface

## App Screens

- User Profile - Upload Avatar , Change First Name, Last Name, Password.
- Digital Assets Listing
- Digital Asset Search - with Mayan EDMS Search Capability
- Historical Events Entry
- Historical Events Listing
- Historical Events Search
- Digital Asset Entry Digital Asset Edit
  - Upon Entry show selection as specified
  - Asset Issue Date \* Date picker
  - Name \* Text input
  - Description Text input
  - Current Location Source Lookup field
  - Source Reference Number Text input
  - Source Reference Collection
  - Local Collection ( One to Many ) Model 2 Toggle Button Group with Hover effect
  - Person Involved (One to many) Model 3 Dynamic table with row insert
  - Role of Person Involved ( one to many ) Model 11 , and ( one to one Person Involved )
  - Places Involved (One to many) Model 4 Lookup field
  - Events Involved (One to many) Model 6 Lookup field
  - Size ( Admin Specified Drop down )
  - Material ( Admin Specified Drop down )
  - Asset Tags { Admin Specified\*\* Many Tagging Toggle button group
  - Manuscript Document ,
  - Print Document,
  - Map
  - Seal
  - Emblem
  - Flag

- Art
- Calligraphy
- Carpet
- Poetry
- Literature
- Music
- Clothing & Fashion
- Jewellery
- Sport
- Processions
- Camps
- Ceremony
- Science
- Armoury & Weapons
- Lifestyle
- }
- Has Translation Yes /No ? Toggle
- Languages ( one to Many ) TOGGLE button group
- Pictures ( One to Many ) drag and drop
- Document ( One to Many ) drag and drop
- Video ( One to Many)
- Audio ( One to Many)