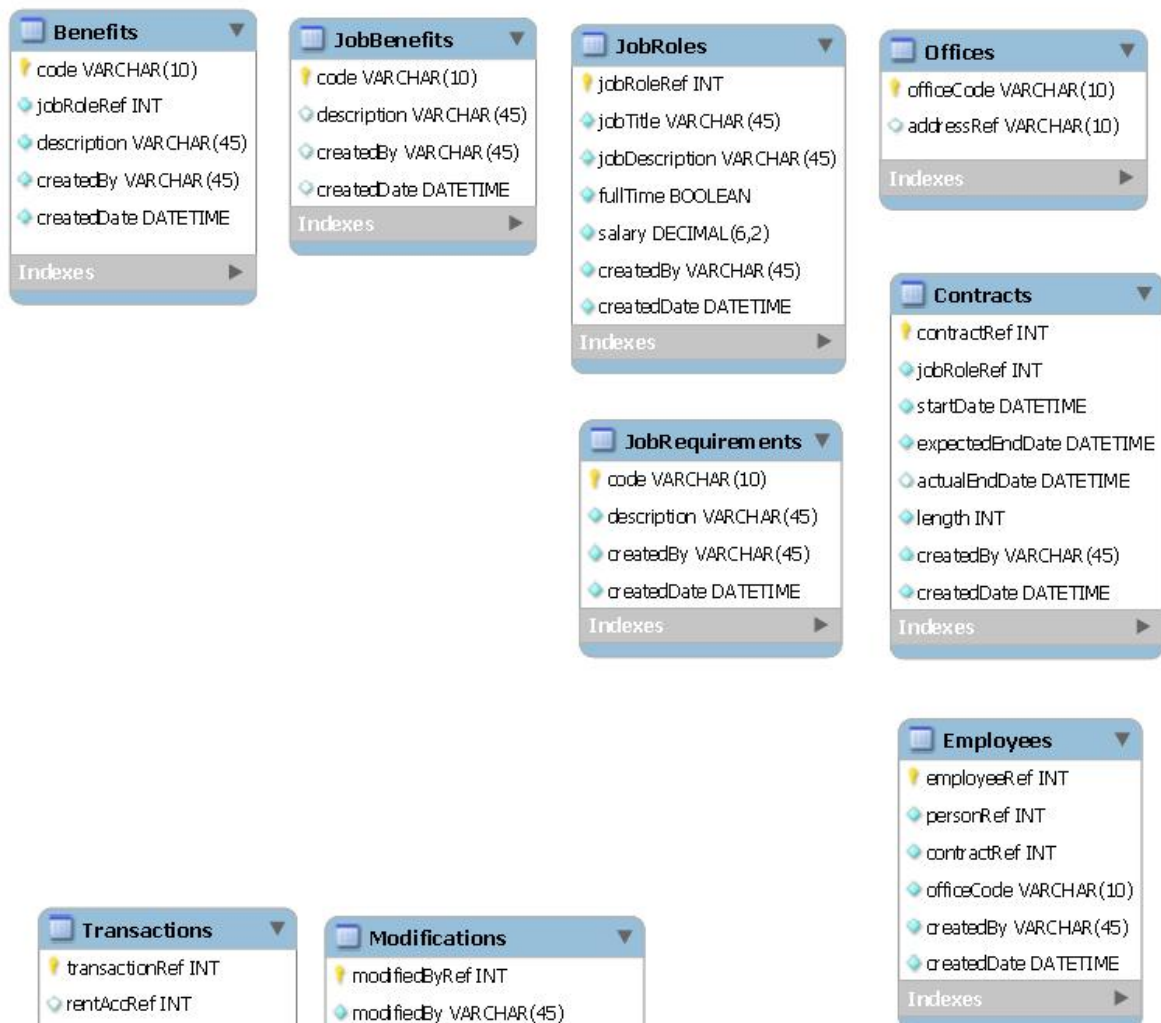


Appendices C

Enhanced Entity Relationship Diagram

Unfortunately due to the size of the database I have implemented, and lack of resources, it has been difficult for me to show the entire diagram as one, with all of the relationships, so I have had to break it down into smaller pieces and paste them into the below document.



Transactions
transactionRef INT
rentAccRef INT
leaseAccRef INT
employeeAccRef INT
fromRef INT
toRef INT
amount DECIMAL(4,2)
transactionDate DATETIME
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

Modifications
modifiedByRef INT
modifiedBy VARCHAR(45)
modifiedByDate DATETIME
description VARCHAR(45)
addressRef VARCHAR(45)
applicationRef VARCHAR(45)
benefitRef VARCHAR(45)
contactRef VARCHAR(45)
contactTypeRef VARCHAR(45)
contractRef VARCHAR(45)
employeeRef VARCHAR(45)
endReasonRef VARCHAR(45)
ethnicOriginRef VARCHAR(45)
genderRef VARCHAR(45)
involvedPartyRef VARCHAR(45)
jobOrderRef VARCHAR(45)
landlordRef VARCHAR(45)
languageRef VARCHAR(45)
leaseRef VARCHAR(45)
leaseAccountRef VARCHAR(45)
maritalStatusRef VARCHAR(45)
nationalityRef VARCHAR(45)
officeRef VARCHAR(45)
personRef VARCHAR(45)
propertyRef VARCHAR(45)
propertyElementRef VARCHAR(45)
Indexes

TenancyTypes
code VARCHAR(10)
description VARCHAR(45)
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

Tenancies
tenancyRef INT
propRef INT
tenTypeCode VARCHAR(10)
tenStartDate VARCHAR(45)
tenExpEndDate VARCHAR(45)
tenEndDate VARCHAR(45)
current BOOLEAN
Indexes

Addresses
addressRef INT
buildingNumber VARCHAR(6)
buildingName VARCHAR(45)
subStreetNumber VARCHAR(6)
subStreet VARCHAR(45)
streetNumber VARCHAR(6)
street VARCHAR(45)
area VARCHAR(45)
town VARCHAR(45)
country VARCHAR(45)
postcode VARCHAR(8)
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

Properties
propRef INT
addressRef INT
LandlordRef INT
leaseRef INT
fullManagement BOOLEAN
acquiredDate DATETIME
leaseEndDate DATETIME
propTypeCode VARCHAR(10)
propSubTypeCode VARCHAR(10)
Indexes

PropertyTypes
code VARCHAR(10)
description VARCHAR(45)
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

PropertyElementValues
propElementRef VARCHAR(45)
elementCode VARCHAR(10)
value VARCHAR(45)
propRef INT
startDate DATETIME
endDate DATETIME
current BOOLEAN
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

RentAccounts
rentAccRef INT
accountName VARCHAR(45)
rentAccStart DATETIME
rentAccEnd DATETIME
rent DECIMAL(4,2)
balance DECIMAL(5,2)
tenancyRef INT
arrearsInd BOOLEAN
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

PropertySubTypes
code INT
description VARCHAR(45)
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

PropertyElements
code VARCHAR(10)
description VARCHAR(45)
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

MaritalStatuses
code VARCHAR(10)
description VARCHAR(45)
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

createdDate DATETIME
Indexes

EthnicOrigins
code VARCHAR(10)
description VARCHAR(45)
createdBy VARCHAR(45)
createdDate VARCHAR(45)
Indexes

ContactTypes
code VARCHAR(10)
description VARCHAR(45)
current BOOLEAN
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

Contacts
contactRef INT
personRef INT
contactCode VARCHAR(45)
contactValue VARCHAR(45)
startDate DATETIME
endDate DATETIME
current BOOLEAN
createdBy VARCHAR(45)
createdDate DATETIME
Indexes

