**Migration from EMR 7.x to EMR 12.x**

**1.Environment setup**

Install Tomcat 7 and deploy EMR 7.x build (Make sure not a production port)

 In Old Tomcat 7 remove EMR 7.x build - Deploy EMR 12.x yaragoemrjavaclient and yaragoadmin builds (In production post)

 Install Tomcat 8 and deploy EMR 12.x ygemrservicebuild

 Rename the 7.x schema to yghealthcarecombined\_old and import to MySQL server

 Import 12.x fresh DB into MySQL server

 In 12.x DB -> tblhospitalpermitmodule -> PreviousVersionCaseHistory update isActive=1 and mention IP address with port number of EMR 7.x deployed Tomcat

**2.Inserting Patients Records from EMR 7.x to EMR 12.x DB**

yghealthcarecombined\_old is EMR 7.x DB and yghealthcarecobined is EMR 12.x DB

**Use below queries to update demographics into EMR 12.x DB**

**Query :**

INSERT INTO yghealthcarecombined.tblpatientregistration (aPatient\_ID ,tFisrt\_Name ,tMiddle\_Name ,tLast\_Name,tDOB,tSex,tMaritalstatus,tAddress1,tAddress2,nCity\_ID,tPostalCode,tMobile\_No,tHome\_No,tWork\_No,tPatient\_Photo,tIs\_Insurance,nInsurance\_ID,nPatient\_Ident\_Id,tPatient\_Ident\_Id\_Value,tSpecialInstruction,nstate\_Id,occupation,nuserId,tAge,tAadharNumber,tSpouse\_Name,tbranch\_id,tlocation\_id,apatientcode,atitle,nbranch\_id,nuserbranch\_id,healthcardtype\_id,healthcard\_value,barcodevalue,tMid\_Name,tRecord\_number,fingerId,fingerBiometryVal,single\_eye\_type,special\_instrn,source\_val,insertedDate,lastModifiedDate,preferredLanguage,vip\_category\_ids,vip\_category\_vals,opdhealthcardtype\_id,opdhealthcard\_value,opdPanelNo,opdCardHolderName,opdCardRelatnshipName,tstd\_no,tlandline\_no,isAcualDOB,previousApptsWaiverInfo,isOTPAuthenticated,otpValue,panelPaymentTypeId,insutenceTypeId,previousDiesesIds,nTempPatId,nTempCode,nearest\_police\_station,source\_Id)

SELECT aPatient\_ID ,tFisrt\_Name ,tMiddle\_Name ,tLast\_Name,tDOB,tSex,tMaritalstatus,tAddress1,tAddress2,nCity\_ID,tPostalCode,tMobile\_No,tHome\_No,tWork\_No,tPatient\_Photo,tIs\_Insurance,nInsurance\_ID,nPatient\_Ident\_Id,tPatient\_Ident\_Id\_Value,tSpecialInstruction,nstate\_Id,occupation,nuserId,tAge,tAadharNumber,tSpouse\_Name,tbranch\_id,tlocation\_id,apatientcode,atitle,nbranch\_id,nuserbranch\_id,healthcardtype\_id,healthcard\_value,barcodevalue,tMid\_Name,tRecord\_number,fingerId,fingerBiometryVal,single\_eye\_type,special\_instrn,source\_val,insertedDate,lastModifiedDate,preferredLanguage,vip\_category\_ids,vip\_category\_vals,opdhealthcardtype\_id,opdhealthcard\_value,' ',opdCardHolderName,opdCardRelatnshipName,tstd\_no,tlandline\_no,isAcualDOB,' ',NULL,null,null,null,null,null,null,' ','1' FROM yghealthcarecombined\_old.tblpatientregistration;

**Query :**

INSERT INTO yghealthcarecombined.tbllinkpatientcurrentappointment

(id,patientId,AppointId,previousappointId,insertedDate,lastModifiedTime,nuserId,active)

select id,patientId,AppointId,previousappointId,insertedDate,lastModifiedTime,nuserId,active

 from yghealthcarecombined\_old.tbllinkpatientcurrentappointment;

**Query :**

insert into yghealthcarecombined.tblprofiledetails(aProfile\_ID,nPatient\_ID,tDate\_Registration,tPerm\_Address1,tPerm\_Address2,tPersonal\_Email,tWork\_Email,ncity\_Id,tPostalCode,nstate\_Id,tDisclosure\_Note,asocialstatus\_id,areligion\_id,tpermLocation\_id,cooperativeSociety,receiptNo)

select aProfile\_ID,nPatient\_ID,tDate\_Registration,tPerm\_Address1,tPerm\_Address2,tPersonal\_Email,tWork\_Email,ncity\_Id,tPostalCode,nstate\_Id,tDisclosure\_Note,asocialstatus\_id,areligion\_id,tpermLocation\_id,cooperativeSociety,receiptNo from yghealthcarecombined\_old.tblprofiledetails;

;

**Query :**

insert into yghealthcarecombined.tbl\_patientwise\_historydetails (h\_id,Opthalamic\_History,opthalmic\_remarks,topthodocremarks,Opht\_Right,Opht\_Left,familyhistory,Drug\_Allergies,Systemic\_illness,aGenSysIllRemarks,systemic\_status,patient\_id,appointment\_id,inserteddate,modifieddate,nuser\_id,tMedHistDocRemarks,referred\_id,referred\_name,otherhistory,reffractioncoment,reffactionError,medicalNote,cct)

select h\_id,Opthalamic\_History,opthalmic\_remarks,topthodocremarks,Opht\_Right,Opht\_Left,familyhistory,Drug\_Allergies,Systemic\_illness,aGenSysIllRemarks,systemic\_status,patient\_id,appointment\_id,inserteddate,modifieddate,nuser\_id,tMedHistDocRemarks,referred\_id,referred\_name,otherhistory,null,null,null,null from yghealthcarecombined\_old.tbl\_patientwise\_historydetails;

**To upload City**

**Query :**

INSERT INTO yghealthcarecombined.tblcity

(aCity\_ID,tCity\_name, nState\_ID,Active)

select aCity\_ID,tCity\_name, nState\_ID,Active from yghealthcarecombined\_old.tblcity;

**To upload Lab studies**

**Query :**

INSERT INTO yghealthcarecombined.tbl\_mst\_labstudies(id,labTestname,amt, typeId,Display\_Id,labType,isGenericOrInsurCharge,nInsuranceCode,nMstLabId,nMstInsurancId,isActive,qty,priceperqty,insertedDate\_lab,lastmodifiedDate,masterLabId) select id,labTestname,amt, typeId,Display\_Id,labType,isGenericOrInsurCharge,nInsuranceCode,nMstLabId,nMstInsurancId,isActive,’1’,amt,null,null,'1' from yghealthcarecombined\_old.tbl\_mst\_labstudies;

**Query :**

INSERT INTO yghealthcarecombined.tbl\_labstudies\_branch\_map(aLabBranchId,nBranchId,nLabId,labAmount,qty,priceperqty,insertedDate, lastModifiedDate,isActive, isDeleted,nUserId,nSpecId)select id,'1',id,amt,’1’,amt,null,null,'1','0','1','1' from yghealthcarecombined\_old.tbl\_mst\_labstudies;

**Insurance Master:**

set foreign\_key\_checks=0;
truncate table tbl\_mst\_insurancecompany;
insert into tbl\_mst\_insurancecompany(aInsurence\_ID ,
InsuranceCompanyName)select aInsurence\_ID ,
InsuranceCompanyName from yghealthcarecombined\_ms\_old.tbl\_mst\_insurancecompany where aInsurence\_ID>0;

truncate tbl\_mst\_insurancetypes;
insert into tbl\_mst\_insurancetypes(insuid ,
insucode ,
insuname ,
tpaname ,
tpalogo,
tpaaddress,
tpaemail,
govtscheme,
cashless,
reimbursement ,
inserteddate ,
lastmodifieddate ,
isActive,
isDeleted,
nuserid ,
maininsurance\_id ,
insunamedescription ,
schemegroup ,
nInsuranceType ,
nGovtorPrivatePanel ,
isCreditAvailable) select insuid ,
insucode ,
insuname ,
tpaname ,
tpalogo,
tpaaddress,
tpaemail,
govtscheme,
cashless,
reimbursement ,
inserteddate ,
lastmodifieddate ,
isActive,
isDeleted,
nuserid ,
maininsurance\_id ,
insunamedescription ,
schemegroup ,
nInsuranceType ,
nGovtorPrivatePanel ,
isCreditAvailable from yghealthcarecombined\_ms\_old.tbl\_mst\_insurancetypes where insuid>0;

set foreign\_key\_checks=1;

**To upload IPD Procedures**

**Query :**

**I**NSERT INTO yghealthcarecombined.tblmstsurgery(aSurgeryId,SurgeryName,isActive,SurgerType) select aSurgeryId,SurgeryName,isActive,SurgerType from yghealthcarecombined\_old.tblmstsurgery;

**Query :**

INSERT INTO yghealthcarecombined.tbl\_mst\_sub\_surgical\_types(subSurgId,subSurgicalTypeName,amount,nsurgKindId, nSurgeryId,insertedDate,firstfollowupduedays,secondfollowupduedays,thirdfollowupduedays,fourthfollowupduedays,lastModifiedDate,nuserId,active,nsubSurgCode,qty,priceperqty,estimatedTime,durationInDays,noOfFreeFFUAppts,branchId,nMachineMapId,nDeparmentMapId)

select subSurgId,subSurgicalTypeName,amount,nsurgKindId,nSurgeryId,insertedDate,firstfollowupduedays,secondfollowupduedays,thirdfollowupduedays,fourthfollowupduedays,lastModifiedDate,nuserId,active,nsubSurgCode,'1',amount,estimatedTime,null,null,'1','1','1' from yghealthcarecombined\_old.tbl\_mst\_sub\_surgical\_types;

**Query :**

INSERT INTO yghealthcarecombined.tblsubsurgicalinsurance(subsurginsuid,nsubsurgid,ninsuid,code,amount,inserteddat,lastmodifieddate,isActive,isDeleted,nuserid,nsurgid) select subsurginsuid,nsubsurgid,ninsuid,code,amount,inserteddat,lastmodifieddate,isActive,isDeleted,'1',nsurgid from yghealthcarecombined\_old.tblsubsurgicalinsurance;

**To upload Medicines**

**Query :**

INSERT INTO yghealthcarecombined.tbl\_mst\_product(aProdId,nCatId,aProductName,prodShortCode,insertedDate,lastModifiedDate,isActive,isDeleted,isOptipharm,nCompositionId,AFBF,isHighRisk,pharmaProductId)select aProdId,nCatId,aProductName,prodShortCode,insertedDate,lastModifiedDate,isActive,isDeleted,isOptipharm,nCompositionId,AFBF,'0','0' from yghealthcarecombined\_old.tbl\_mst\_product;

**Query :**

INSERT INTO yghealthcarecombined.tbl\_mst\_product\_composition(aCompositionId,compositionName, nProductId,nCategoryId,InsertedDate,ModifiedDate,isActive,nUserId) select aCompositionId,compositionName, nProductId,nCategoryId,InsertedDate,ModifiedDate,isActive,nUserId from yghealthcarecombined\_old.tbl\_mst\_product\_composition;

**Diagnosis :**

insert into tbl\_mst\_diagnosis (aRow\_ID ,
tDiagnosis ,
isFromTextField ,
isActive ,
Display\_ID ,
ICD\_version ,
ICD\_date ,
ICD\_code ,
ICD\_LE ,
ICD\_RE ,
ICD\_both ,
insertedDate ,
modifiedDate ,
isspecificdiagnosis) select aRow\_ID ,
tDiagnosis ,
isFromTextField ,
isActive ,
Display\_ID ,
ICD\_version ,
ICD\_date ,
ICD\_code ,
ICD\_LE ,
ICD\_RE ,
ICD\_both ,
insertedDate ,
modifiedDate ,
isspecificdiagnosis from yghealthcarecombined\_ms\_old.tbl\_mst\_diagnosis where aRow\_ID>0;

**Advice :**

insert into tbl\_mst\_advice(RowId,
Content ,
isFromTextField ,
isActive ,
nUserId ,
nbranchId

) select RowId,
Content ,
isFromTextField ,
isActive ,1,1 from yghealthcarecombined\_ms\_old.tbl\_mst\_advice where RowId>0;

**Referal Details :**

truncate table tbl\_mst\_referraldetails;
insert into tbl\_mst\_referraldetails(aRefId ,
aReferralName ,
nSpecialization ,
aHospitalName ,
aAddress ,
aEmailId ,
aKMCvalue ,
insertedDate ,
lastModifiedDate ,
isDeleted ,
aMobileNo ,
aReferralType ,
apptType,
specialistsUserId ,
nBrachId) select aRefId ,
aReferralName,
nSpecialization ,
aHospitalName ,
aAddress ,
aEmailId ,
aKMCvalue ,
insertedDate ,
lastModifiedDate ,
isDeleted ,
aMobileNo ,
aReferralType ,
apptType,
specialistsUserId,1 from yghealthcarecombined\_ms\_old.tbl\_mst\_referraldetails where aRefId>0;

**Appointment type:**

set foreign\_key\_checks=0;
truncate table tblappointmenttype;
insert into tblappointmenttype(aAppoint\_type\_ID ,
tAppoint\_type ,
tDuration ,
isActive)select aAppoint\_type\_ID ,
tAppoint\_type ,
tDuration ,
isActive from yghealthcarecombined\_ms\_old.tblappointmenttype where aAppoint\_type\_ID<>0;
set foreign\_key\_checks=1;

**Plan Of Action:**

truncate table tbl\_mst\_planofaction;
insert into tbl\_mst\_planofaction(aAction\_Id ,
Action\_Name ,
insertedDate ,
modifiedDate ,
isActive ,
isDeleted ,
nUserId ,
nBranchId) select aAction\_Id ,
Action\_Name ,
insertedDate ,
modifiedDate ,
isActive ,
0 ,
nUserId ,
1 from yghealthcarecombined\_ms\_old.tbl\_mst\_planofaction where aAction\_Id>0;

**Due Amount:**

insert into tbl\_patient\_payment\_mainduedetails(
nPatientId ,
dueAmtTowardsPatient ,
dueAmtTowardsHospital ,
opdDueAmt ,
ipdDueAmt ,
opticalDueAmt ,
pharmacyDueAmt ,
insertedDate ,
modifiedDate ,
nUserId,
isActive ,
isDeleted ,
nBranchid\_fk)select
nPatientId ,
dueAmtTowardsPatient ,
dueAmtTowardsHospital ,
opdDueAmt ,
ipdDueAmt ,
opticalDueAmt ,
pharmacyDueAmt ,
insertedDate ,
modifiedDate ,
nUserId,
isActive ,
isDeleted ,
1 from yghealthcarecombined\_ms\_old.tbl\_patient\_payment\_mainduedetails where aMainDueRowId>0;

**Consent Form Configuration:**

set foreign\_key\_checks=0;
truncate table tbl\_mst\_consent\_form\_languages;
insert into tbl\_mst\_consent\_form\_languages(aLanId ,
techId ,
languageName ,
insertedDate ,
lastModifiedDate ,
isActive,
isDeleted ,
nUserId) select aLanId ,
techId ,
languageName ,
insertedDate ,
lastModifiedDate ,
isActive,
isDeleted ,
nUserId from yghealthcarecombined\_ms\_old.tbl\_mst\_consent\_form\_languages where aLanId>0;

truncate table tbl\_consent\_form\_config;
insert into tbl\_consent\_form\_config(aAutoId ,
nLangId ,
nConfigId ,
nSurgeryId ,
nProcedureId ,
configName ,
insertedDate ,
lastModifiedDate ,
isActive ,
isDeleted ,
nUserId) select aAutoId ,
nLangId ,
nConfigId ,
nSurgeryId ,
nProcedureId ,
configName ,
insertedDate ,
lastModifiedDate ,
isActive ,
isDeleted ,
nUserId from yghealthcarecombined\_ms\_old.tbl\_consent\_form\_config where aAutoId>0;

set foreign\_key\_checks=1;

**Last Visit Audit Table Insertion:**

insert into tblpatientlastvisitauditdetails(
patientid ,
apptid ,
folowupdrid ,
userid ,
followUpDate ,
isActive ,
isDeleted) select nPatient\_ID,0,0,1,null,1,0 from tblappointments where nPatient\_ID not in (select patientid from tblpatientlastvisitauditdetails where patientid>0);

**Demographics Attachment:**

insert into tblpatientdemographicsdocuments(
PatientId ,
FileName ,
Comments ,
insertedDate ,
LstmodifiedDate ,
IsActive ,
userId) select
PatientId ,
FileName ,
Comments ,
insertedDate ,
LstmodifiedDate ,
IsActive ,
userId from yghealthcarecombined\_ms\_old.tblpatientdemographicsdocuments where aDemodocId>0;

**Service Charges:**

insert into tbl\_mst\_chargetype(
chargeTypeName ,
amount ,
startDate ,
endDate ,
insertedDate ,
lastModifiedTime ,
nuserId ,
active ,
atpatientregistration ,
selecteverytime ,
chargeCategory ,
description ,
isGenericOrInsurCharge ,
nMstChargeId ,
nMstInsurancId ,
nInsuranceCode ,
nBreakupOf ,
qty ,
priceperqty ,
chargeSpecificTo ,
nApptType ,
isdeleted) select
chargeTypeName ,
amount ,
"2024-01-13 00:00:00",
"2074-01-13 00:00:00",
insertedDate ,
lastModifiedTime ,
nuserId ,
active ,
atpatientregistration ,
selecteverytime ,
chargeCategory ,
description ,
isGenericOrInsurCharge ,
nMstChargeId ,
nMstInsurancId ,
nInsuranceCode ,
nBreakupOf ,
qty ,
priceperqty ,
1 ,
1 ,
0 from yghealthcarecombined\_ms\_old.tbl\_mst\_chargetype where typeId>0;

insert into tbl\_consultant\_branchwise\_charges(
chargeSpecificTo ,
startDate ,
endDate ,
nBranchId ,
nUserId ,
nAppointTypeId ,
nChargeId ,
amount ,
isDeleted ,
isActive ,
insertedDate ,
lastModifiedDate ,
nCreatorUserId ,
qty ,
consultantPricePerQty ,
isOPDWaiverApplicable)select
1,
startDate ,
endDate ,
1 ,
1 ,
1 ,
typeId ,
priceperqty ,
0 ,
1 ,
insertedDate ,
lastModifiedTime ,
1 ,
1 ,
priceperqty ,
1 from tbl\_mst\_chargetype where typeId>0;

**Test for 7.x patient case history in 12.x under PreviousCaseHistory tab in Case History**

