**CÔNG VIỆC THỰC HIỆN**

Xác định các thực thể và thuộc tính của các thực thể:

Class(ClassId, ClassCode, Name)

[ClassSubject](SubjectId, ClassId, TopicId, LessonId)

Subject(SubjectId, Code, Name, Description, AccountId, SentDate, Status)

SubjectInformation(SubjectInformationId, SubjectId, Title, Content)

Topic(TopicId, Name, SubjectId)

Lesson(LessonId, Title, FileName, SentDate, Status, ApprovedBy, TopicId, CreatedBy)

Resources(ResourcesId, FileName, SentDate, Status, ApprovedBy, TopicId, LessonId, CreatedBy)

[AccountSubject](AccountId, SubjectId)

SchoolYear(SchoolYearId, From, To)

Rank(RankId, RankCode, RankName, ApplyDate, Status)

Salary(SalaryId, ContractTypeId, BasicSalary, DecisionDocumentFile, Insurance, RankId, RankCode, WageRank, CoefficientsSalary, File, ApplicableDate)

TeacherProfile(TeacherId, TeacherCode, FullName, Gender, BirthDay, IdNumber, DateOfIssue, PlaceOfIssue, Address, SocialInsurance, QualificationLevel, DecisionDocumentFile, RankCode, TeacherPositionId, DepartmentId, JoinDate, OnLeave, Status, ApplicableDate, StartDay)

Contract(ContractId, ContractNumber, Name, BasicSalary, CreateDate, File, Status, ContractTypeId)

ContractType(ContractTypeId, ContractTypeName)

Insurance(InsuranceId, Name, Percent, ContractId)

Department(DepartmentId, DepartmentName)

Timekeeping(TimekeepingId, TeacherId, TotalDay, ActualWorkday, TotalTime)

OnLeave(OnLeaveId, TeacherId, From, To, Reason, Status)

SalaryTable(SalaryTableId, Code, Name, From, To, Month, Total, Spent, Remaining, Status)

[AccountClass](ClassId, AccountId)

Exam(ExamId, Name, FileName, DepartmentId, SubjectId, Method, Time, AccountId, Status, CreateDate)

[ExamDetails](ExamId, ExamBankId)

ExamBank(ExamBankId, Question, A, B, C, D, Answer, Level, CreateDate, UpdateDate, DepartmentId, SubjectId)

SystemNotifications(SystemNotificationsId, AccountId, SubjectId, Action, isRead)

Account(AccountId, AccountCode, Name, Gender, Avatar, PhoneNumber, Email, Password, Address, RoleId, RoleName, Status, ResetToken, ClassId, DeparmentId)

Role(RoleId, Name, Description, UpdateDate)

[PermissionRole](RoleId, PermissionId)

Permission(PermissionId, Name)

PrivateFiles(PrivateFilesId, Name, AccountId, UpdateDate, Size)

Support(SupportId, Content)

Question(QuestionId, Title, Content, AccountId, isAnswer, ClassId, LessonId, TopicId, CreatedDate)

Answer(AnswerId, QuestionId, AccountId, Content, CreatedDate)

[AccountNotifications](SubjectNotificationsId, AccountId, Action)

SubjectNotifications(SubjectNotificationsId, AccountId, Title, Content, CreateDate, SubjectId)

[ClassNotifications](SubjectNotificationsId, ClassId)

Tuition(TuitionId, SubjectId, Time, Unit, CollectionRates, Total, Status)

CollectTuition(CollectTuitionId, StudentId, TotalMoney, Status, Receivables, CollectionDate, TotalDuration, PaymentMethods, DiscountId, ExemptionsId, Surcharge, Note)

Exemptions(ExemptionsId, Object, Percent, Describe, File)

Discount(DiscountId, Name, Unit, Value, ApplyWith, Status, From, To)

Receipts(ReceiptsId, TotalDuration)

Revenue(RevenueId, Name, According, Method, Money, Unit, Time, TotalMoney)

Allowance(AllowanceId, Code, Name, Value, ValueType, CreateDate, Status, BasedOn)

FinanceNotifications(FinanceNotificationsId, From, To, Email, Title, File, Content, SendingMethod, Status, Datetime, IsSent)

TeacherPosition(TeacherPositionId, PositionName, DepartmentId, ApplicableDate)

Exercise

SubmittedExercises

Semester

LearnSchedule

ExamSchedule

ExamResults

**CÔNG VIỆC THỰC HIỆN**

Thiết kế Sơ đồ ERD