**Logical Design**

Event:

PK=EventID (Not null, unique),

Student:

PK=StudentID(not null, unique)

Schedule :

PK= ScheduleID(not null, unique) , fk=EmployeeID, StudentID

Event:

PK= EventID

Employee:

PK=EmployeeID(not null, unique)

studentStaff:

PK= S\_EmployeeID

Faculty:

PK = F\_EmployeeID

Supply:

PK = SupplyID,

Rehearsal Material:

PK = R\_SupplyID

Backstage Material:

Pk = B\_SupplyID

Company:

PK: companyID  
Document:

PK: documentID

Photo:

PK: P\_DocumentID

Video:

PK:V\_DocumentID

**Normalization**

1st NF Relations:

Student(StudentID, StudentName, StudentEmail, StudentDOB, StudentType, Guardian,

GuardianName, GuardianContact)

Event(EventID, EventName, EventType)

Schedule(ScheduleID, ScheduleName, *EmployeeID, StudentID,* DateTime)

Employee(EmployeeID, EmployeeName, EmployeeEmail, EmployeeType)

StudentStaff(S\_EmployeeID, employment)

Faculty(F\_EmployeeID, salary, term)

Supply (SupplyID, SupplyName, SupplyType)

ReheasalMaterial(R\_SupplyID, R\_MaterialType)

BackstageMaterial( B\_SupplyID, backstageType*)*

Company (CompanyID, CompanyName, CompanyContact)

Document(DocumentID, DocumentName, DocumentDate, DocumentType)

2nd NF Relations

Student(StudentID, StudentName, StudentEmail, StudentDOB, StudentType, Guardian,

GuardianName, GuardianContact)

Event(EventID, EventName, EventType)

Schedule(ScheduleID, ScheduleName, DateTime)

Employee(EmployeeID, EmployeeName, EmployeeEmail, EmployeeType)

StudentStaff(S\_EmployeeID, employment)

Faculty(F\_EmployeeID, salary, term)

Supply (SupplyID, SupplyName, SupplyType)

ReheasalMaterial(R\_SupplyID, R\_MaterialType)

BackstageMaterial( B\_SupplyID, backstageType*)*

Company (CompanyID, CompanyName, CompanyContact)

Document(DocumentID, DocumentName, DocumentDate, DocumentType)

3rd NF relations:

Student(StudentID, StudentName, StudentEmail, StudentDOB, StudentType,

*GuardianID)*

Guardian(GuardianID, GuardianName, GuardianContact)

Event(EventID, EventName, EventType)

Schedule(ScheduleID, ScheduleName, DateTime)

Employee(EmployeeID, EmployeeName, EmployeeEmail, EmployeeType)

StudentStaff(S\_EmployeeID, employment)

Faculty(F\_EmployeeID, salary, term)

Supply (SupplyID, SupplyName, SupplyType)

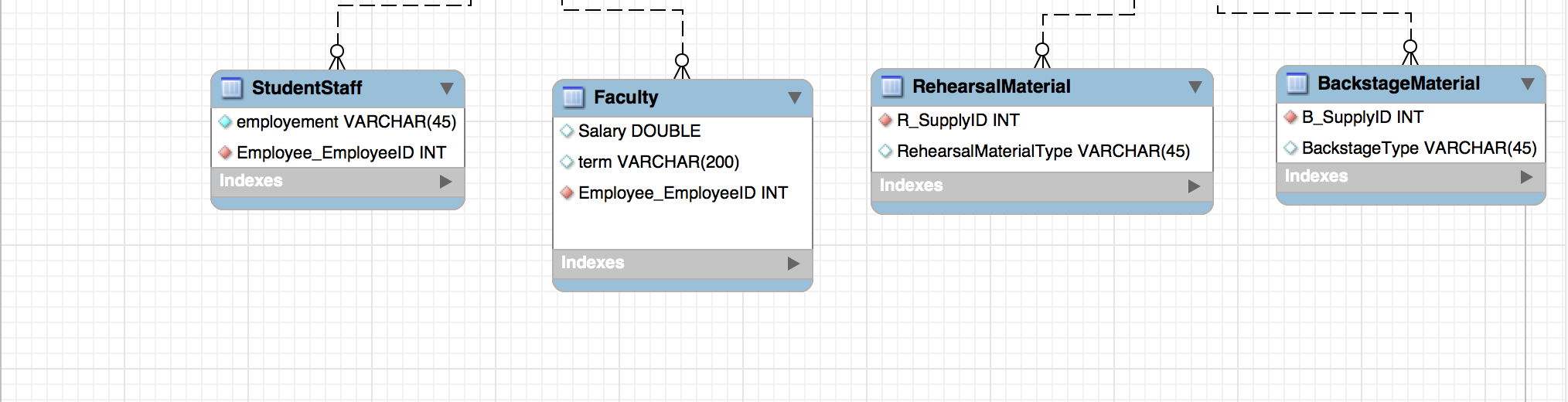
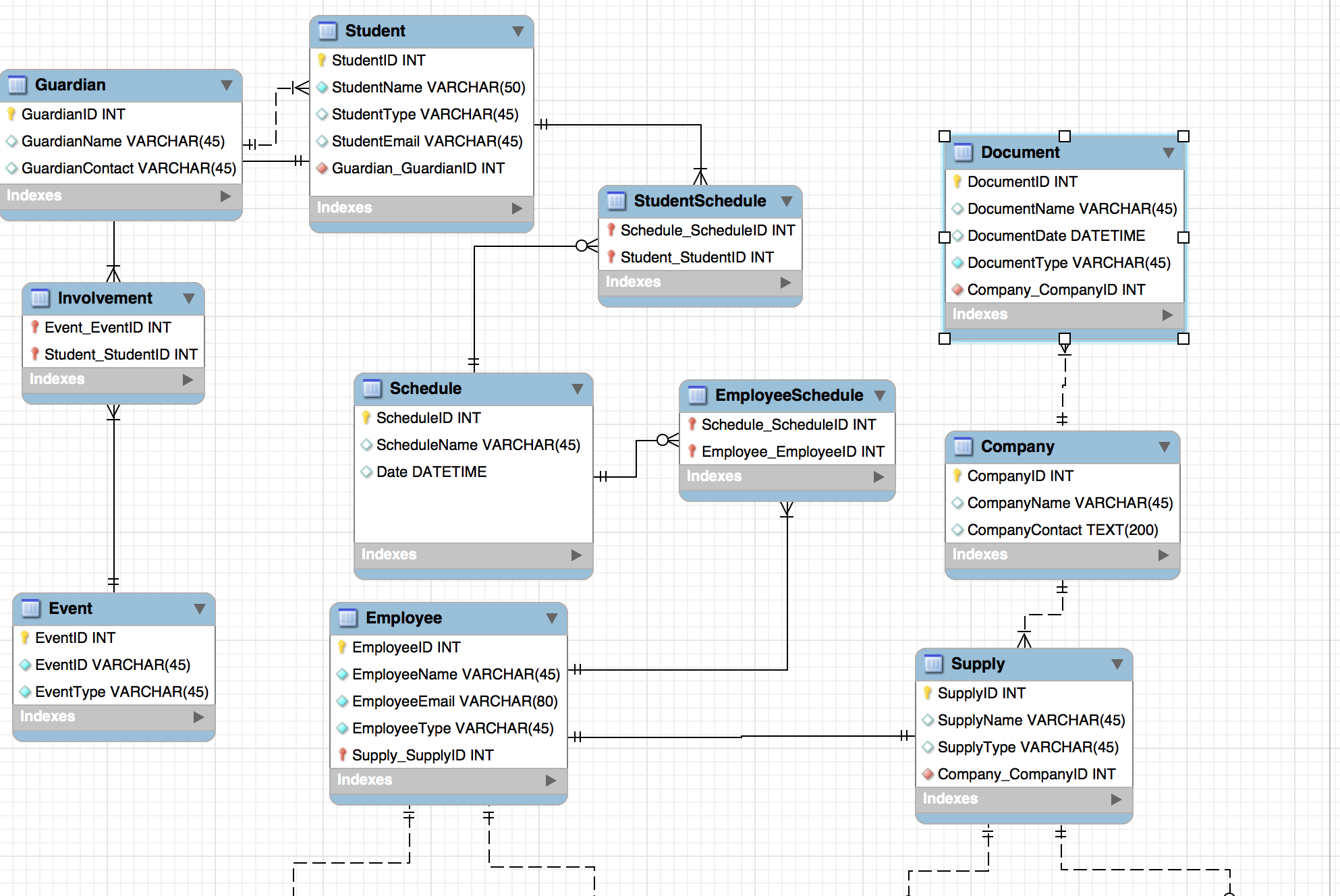
ReheasalMaterial(R\_SupplyID, R\_MaterialType)

BackstageMaterial( B\_SupplyID, backstageType*)*

Company (CompanyID, CompanyName, CompanyContact)

Document(DocumentID, DocumentName, DocumentDate, DocumentType)

**Physical Design**

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