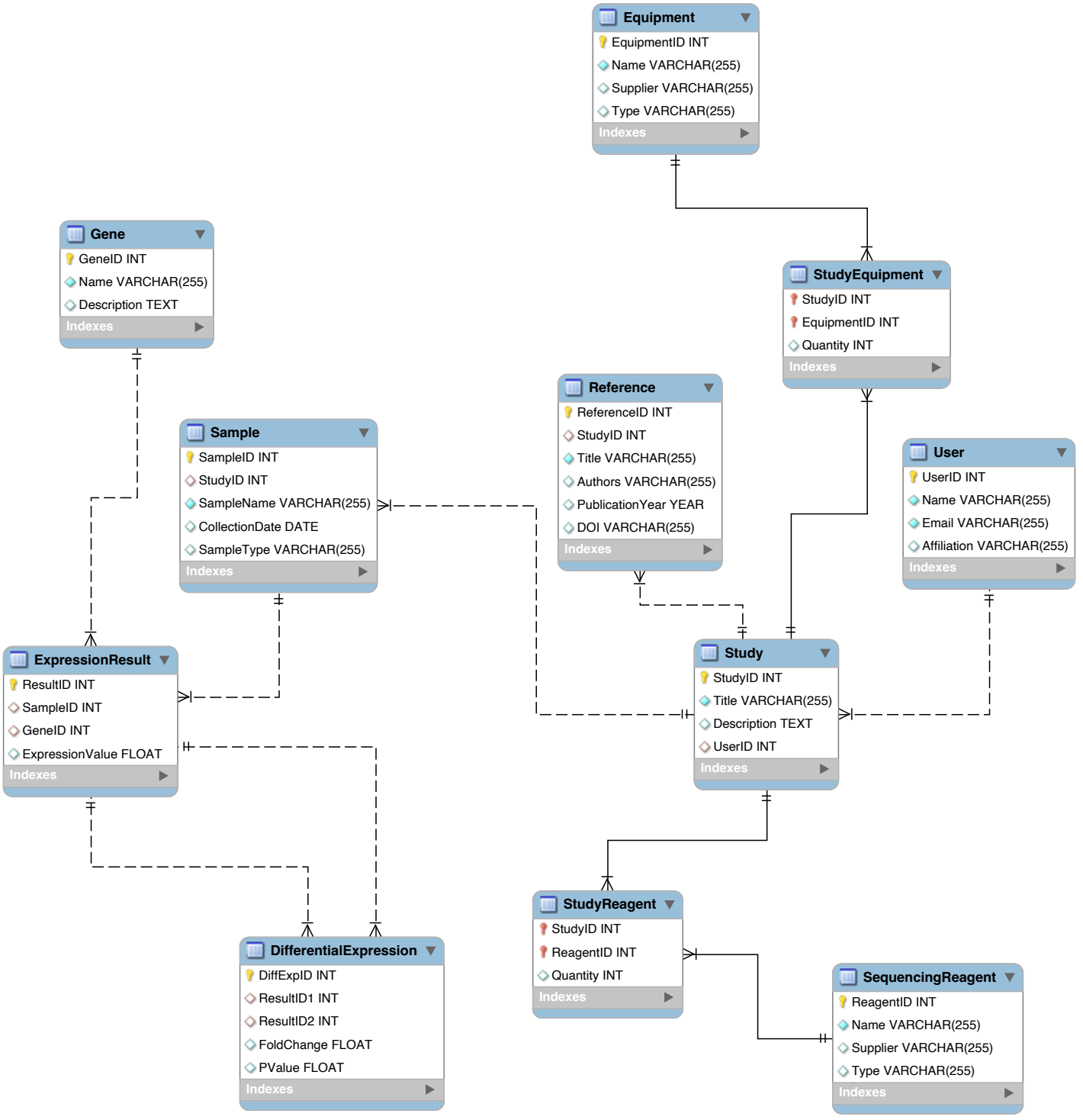
Equipment
EquipmentID INT
Name VARCHAR(255)
Supplier VARCHAR(255)
Type VARCHAR(255)
Indexes
Gene
GeneID INT
Name VARCHAR(255)
Description TEXT
Indexes
StudyEquipment
StudyID INT
EquipmentID INT
Quantity INT
Indexes
Reference
ReferenceID INT
StudyID INT
Title VARCHAR(255)
Authors VARCHAR(255)
PublicationYear YEAR
DOI VARCHAR(255)
Indexes
Sample
SampleID INT
StudyID INT
SampleName VARCHAR(255)
CollectionDate DATE
SampleType VARCHAR(255)
Indexes
User
UserID INT
Name VARCHAR(255)
Email VARCHAR(255)
Affiliation VARCHAR(255)
Indexes
ExpressionResult
ResultID INT
SampleID INT
GeneID INT
ExpressionValue FLOAT
Indexes
Study
StudyID INT
Title VARCHAR(255)
Description TEXT
UserID INT
Indexes
StudyReagent
StudyID INT
ReagentID INT
Quantity INT
Indexes
DifferentialExpression
DiffExpID INT
ResultID1 INT
ResultID2 INT
FoldChange FLOAT
PValue FLOAT
Indexes
SequencingReagent
ReagentID INT
Name VARCHAR(255)
Supplier VARCHAR(255)
Type VARCHAR(255)
Indexes