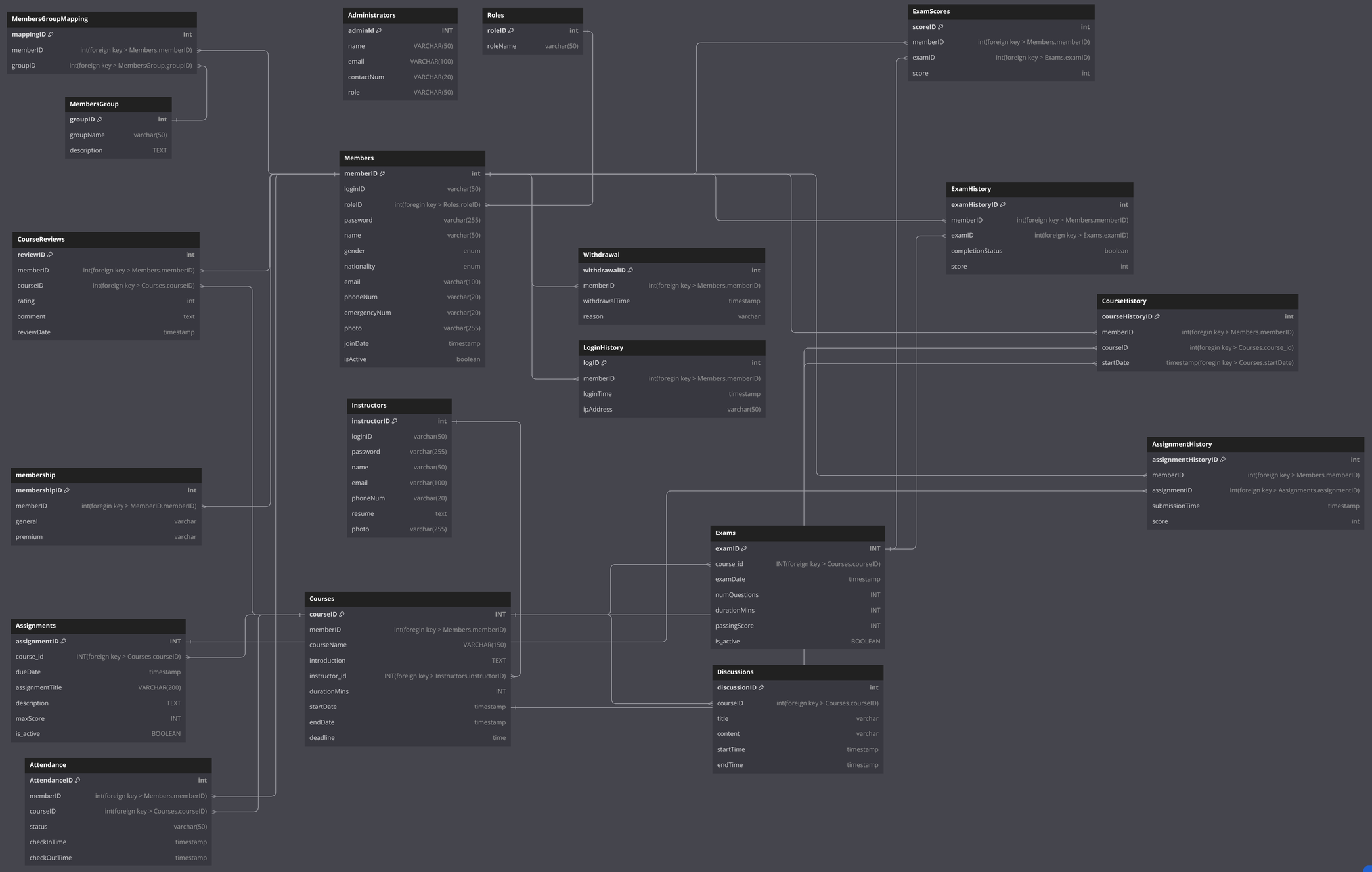
MembersGroupMapping
mappingID int
memberID int(foreign key > Members.memberID)
groupID int(foreign key > MembersGroup.groupID)
MembersGroup
groupID int
groupName varchar(50)
description TEXT
Administrators
adminId INT
name VARCHAR(50)
email VARCHAR(100)
contactNum VARCHAR(20)
role VARCHAR(50)
Roles
roleID int
roleName varchar(50)
ExamScores
scoreID int
memberID int(foreign key > Members.memberID)
examID int(foreign key > Exams.examID)
score int
Members
memberID int
loginID varchar(50)
roleID int(foregin key > Roles.roleID)
password varchar(255)
name varchar(50)
gender enum
nationality enum
email varchar(100)
phoneNum varchar(20)
emergencyNum varchar(20)
photo varchar(255)
joinDate timestamp
isActive boolean
ExamHistory
examHistoryID int
memberID int(foreign key > Members.memberID)
examID int(foreign key > Exams.examID)
completionStatus boolean
score int
CourseReviews
reviewID int
memberID int(foreign key > Members.memberID)
courseID int(foreign key > Courses.courseID)
rating int
comment text
reviewDate timestamp
Withdrawal
withdrawalID int
memberID int(foreign key > Members.memberID)
withdrawalTime timestamp
reason varchar
CourseHistory
courseHistoryID int
memberID int(foregin key > Members.memberID)
courseID int(foregin key > Courses.course_id)
startDate timestamp(foregin key > Courses.startDate)
LoginHistory
logID int
memberID int(foregin key > Members.memberID)
loginTime timestamp
ipAddress varchar(50)
Instructors
instructorID int
loginID varchar(50)
password varchar(255)
name varchar(50)
email varchar(100)
phoneNum varchar(20)
resume text
photo varchar(255)
AssignmentHistory
assignmentHistoryID int
memberID int(foreign key > Members.memberID)
assignmentID int(foreign key > Assignments.assignmentID)
submissionTime timestamp
score int
membership
membershipID int
memberID int(foregin key > MemberID.memberID)
general varchar
premium varchar
Exams
examID INT
course_id INT(foreign key > Courses.courseID)
examDate timestamp
numQuestions INT
durationMins INT
passingScore INT
is_active BOOLEAN
Courses
courseID INT
memberID int(foregin key > Members.memberID)
courseName VARCHAR(150)
introduction TEXT
instructor_id INT(foreign key > Instructors.instructorID)
durationMins INT
startDate timestamp
endDate timestamp
deadline time
Assignments
assignmentID INT
course_id INT(foreign key > Courses.courseID)
dueDate timestamp
assignmentTitle VARCHAR(200)
description TEXT
maxScore INT
is_active BOOLEAN
Discussions
discussionID int
courseID int(foreign key > Courses.courseID)
title varchar
content varchar
startTime timestamp
endTime timestamp
Attendance
AttendanceID int
memberID int(foreign key > Members.memberID)
courseID int(foreign key > Courses.courseID)
status varchar(50)
checkInTime timestamp
checkOutTime timestamp
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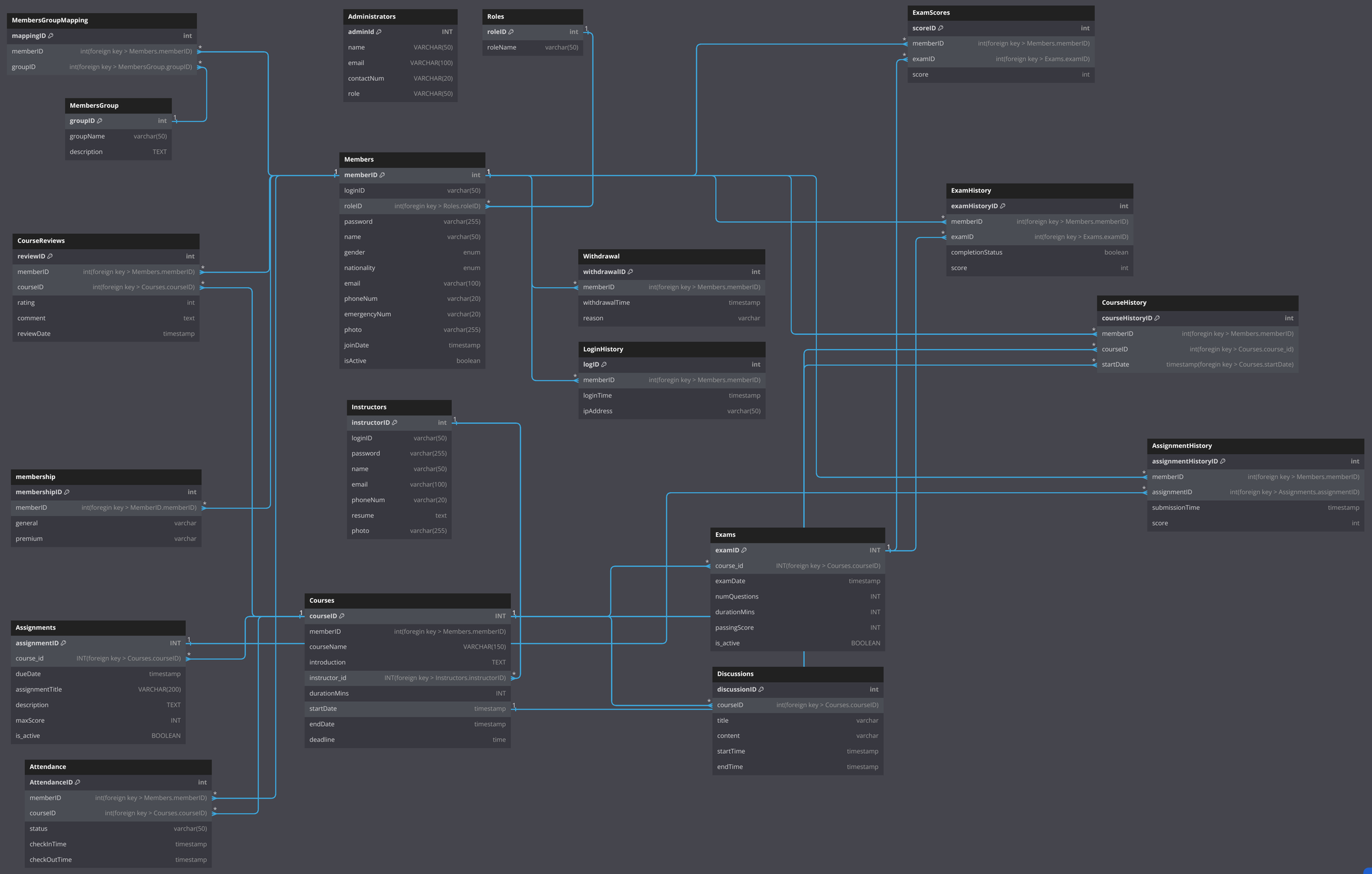
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roleName varchar(50)
ExamScores
scoreID int
memberID int(foreign key > Members.memberID)
examID int(foreign key > Exams.examID)
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roleID int(foregin key > Roles.roleID)
password varchar(255)
name varchar(50)
gender enum
nationality enum
email varchar(100)
phoneNum varchar(20)
emergencyNum varchar(20)
photo varchar(255)
joinDate timestamp
isActive boolean
ExamHistory
examHistoryID int
memberID int(foreign key > Members.memberID)
examID int(foreign key > Exams.examID)
completionStatus boolean
score int
CourseReviews
reviewID int
memberID int(foreign key > Members.memberID)
courseID int(foreign key > Courses.courseID)
rating int
comment text
reviewDate timestamp
Withdrawal
withdrawalID int
memberID int(foreign key > Members.memberID)
withdrawalTime timestamp
reason varchar
LoginHistory
logID int
memberID int(foregin key > Members.memberID)
loginTime timestamp
ipAddress varchar(50)
CourseHistory
courseHistoryID int
memberID int(foregin key > Members.memberID)
courseID int(foregin key > Courses.course_id)
startDate timestamp(foregin key > Courses.startDate)
Instructors
instructorID int
loginID varchar(50)
password varchar(255)
name varchar(50)
email varchar(100)
phoneNum varchar(20)
resume text
photo varchar(255)
AssignmentHistory
assignmentHistoryID int
memberID int(foreign key > Members.memberID)
assignmentID int(foreign key > Assignments.assignmentID)
submissionTime timestamp
score int
membership
membershipID int
memberID int(foregin key > MemberID.memberID)
general varchar
premium varchar
Exams
examID INT
course_id INT(foreign key > Courses.courseID)
examDate timestamp
numQuestions INT
durationMins INT
passingScore INT
is_active BOOLEAN
Courses
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memberID int(foregin key > Members.memberID)
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endDate timestamp
deadline time
Assignments
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maxScore INT
is_active BOOLEAN
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discussionID int
courseID int(foreign key > Courses.courseID)
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content varchar
startTime timestamp
endTime timestamp
Attendance
AttendanceID int
memberID int(foreign key > Members.memberID)
courseID int(foreign key > Courses.courseID)
status varchar(50)
checkInTime timestamp
checkOutTime timestamp
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