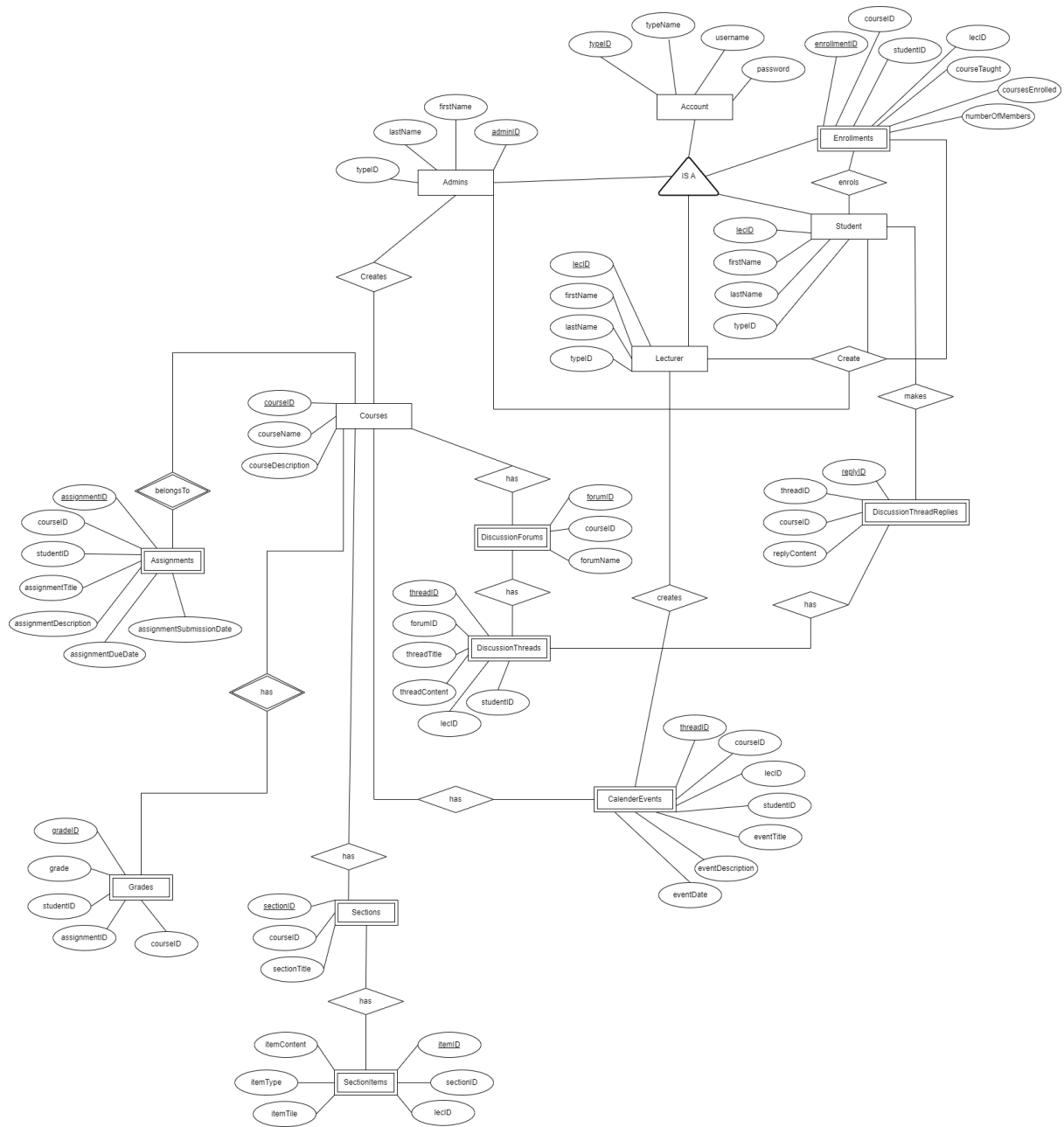


ER Diagram



Relations

1. Accounts (typeID, username, password, type(Lecturer/Course Maintainer - 2, Student - 3, Admin - 1))
 1. Admin (adminID, firstName, lastName, typeID)
 2. Students (studentID, firstName, lastName, typeID, coursesEnrolled)
 3. Lecturer/CourseMaintainer (lecID, firstName, lastName, typeID, coursesTaught)
2. Courses (courseID, courseName, courseDescription, lecID, studentID, numberOfMembers)
3. DiscussionForums (forumID, courseID, forumName)
4. DiscussionThreads (threadID, forumID, threadTitle, threadContent, studentID, lecID)
5. Sections (sectionID, courseID, sectionTitle)
6. SectionItems (itemID, sectionID, lecID, itemType(link, lecture slide), itemTitle, itemContent)
7. CalendarEvents (eventID, courseID, eventTitle, eventDescription, eventDate)
8. Assignments (assignmentID, courseID, studentID, lecID, assignmentTitle, assignmentDescription, assignmentDueDate, assignmentSubmissionDate)
9. DiscussionThreadReplies (replyID, courseID, threadID, replyContent)
10. Grades (gradeID, grade, averageGrade, studentID, assignmentID, coursed)
11. Enrollments (enrollmentID, courseID, studentID, lecID, coursesTaught, CoursesEnrolled, NumberOfMembers)