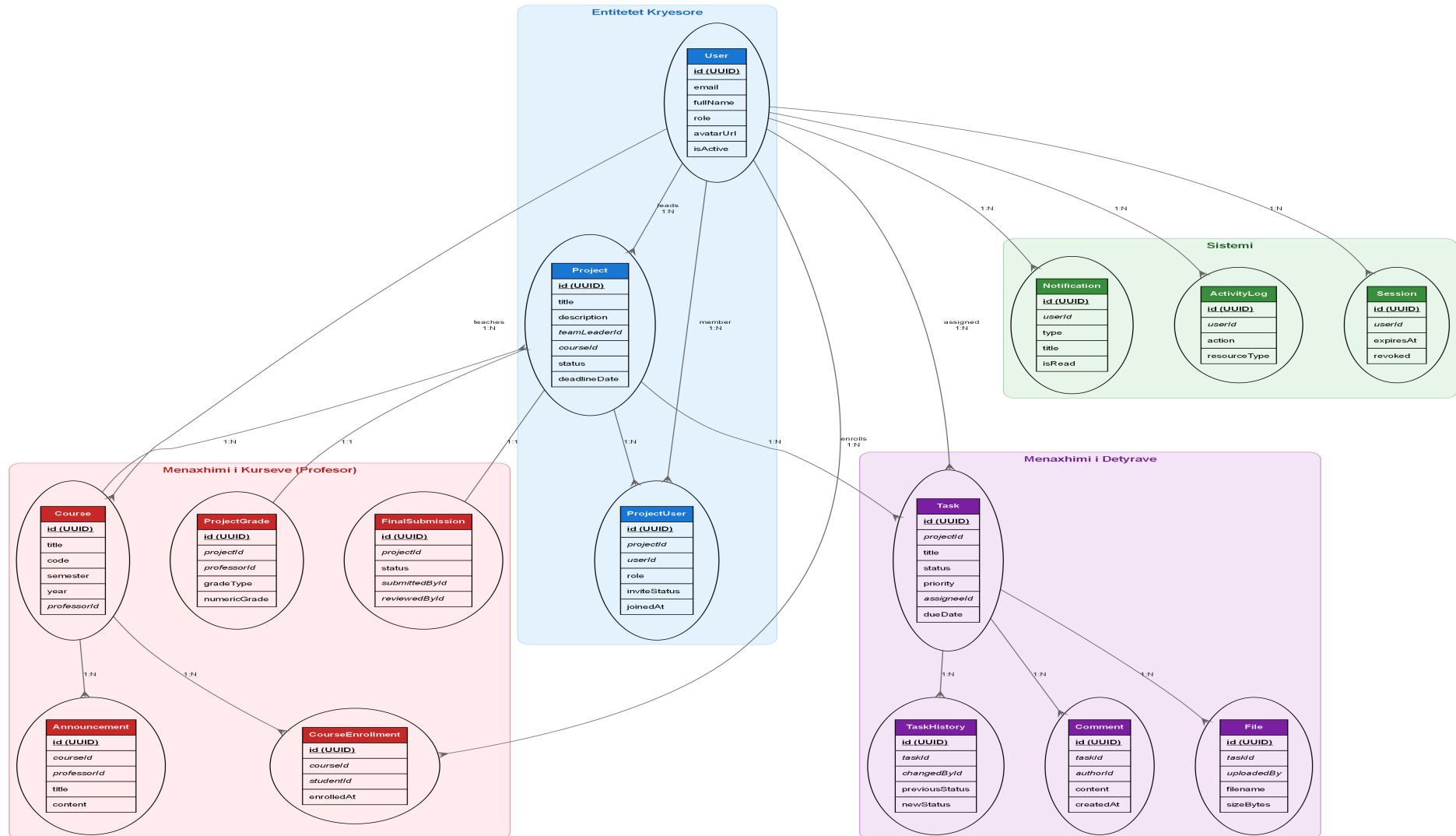


Diagrami Entity-Relationship (ER)

Sistemi i Menaxhimit te Projekteve



Legjenda:

*atribut

1:N

Primary Key (PK)

One-to-Many

+atribut

1:1

Foreign Key (FK)

One-to-One

Pershkrimi i Entiteteve

Entiteti	Pershkrimi	Atributet Kryesore
User	Perdoruesit e sistemit (student, profesor, admin)	email, fullName, role
Project	Projektet e krijuara nga perdoruesit	title, status, deadlineDate
Task	Detyrat brenda nje projekti	title, status, priority, dueDate
Course	Kurset e menaxhuara nga profesoret	title, code, semester, year
Session	Sesionet e autentifikimit	expiresAt, revoked
Notification	Njoftimet per perdoruesit	type, title, isRead
ProjectUser	Lidhja User-Project (anetaresia)	role, inviteStatus
CourseEnrollment	Regjistrimi i studenteve ne kurse	enrolledAt
TaskHistory	Historia e ndryshimeve te task	previousStatus, newStatus
Comment	Komentet ne task	content, createdAt
File	Skedaret e ngarkuar	filename, sizeBytes
ProjectGrade	Notat per projekte	gradeType, numericGrade
FinalSubmission	Dorezimet finale	status, submittedAt
Announcement	Njoftimet e kursit	title, content, isPinned
ActivityLog	Log i aktiviteteve	action, resourceType

Marredheniet Kryesore

Lidhja	Tipi	Pershkrimi
User -> Project	1:N	Nje user mund te udheheqe shume projekte
User -> Task	1:N	Nje user mund te kete shume task te caktuara
Project -> Task	1:N	Nje projekt permban shume task
Project -> ProjectUser	1:N	Nje projekt ka shume anetare

Course -> Project	1:N	Nje kurs mund te kete shume projekte
Task -> Comment	1:N	Nje task mund te kete shume komente
Task -> File	1:N	Nje task mund te kete shume skedare
Project -> ProjectGrade	1:1	Nje projekt ka vetem nje note