ERD (Entity Relationship Diagram)

Online Learning Platform for Python

Shop

PK, int(50)	ShopID
varchar(100)	BadgeName
varchar(100)	BadgeDescription
int(50)	BadgePrice

User

PK, int(50)	UserID
varchar(100)	Username
varchar(100)	Password
varchar(100)	FirstName
varchar(100)	LastName

Category

PK, int(50)	CategoryID
varchar(100)	CategoryName
varchar(100)	CategoryDescription
FK, int(50)	LessonID

view

belong

ActivityLogs

PK, int(50)	LogID
varchar(100)	Badges
int(50)	LessonsCompleted
int(50)	TotalScore
date	DateRecorded
varchar(100)	Certificates
FK, int(50)	UserID
FK, int(50)	LessonID

contain

Lesson

PK, int(50)	LessonID
varchar(100)	LessonName
FK, int(50)	CategoryID
FK, int(50)	PDF_ID
FK, int(50)	VideoID
FK, int(50)	QuizID

has

has

Quiz

PK, int(50)	QuizID
varchar(100)	Question
varchar(100)	Answer1
varchar(100)	Answer2
varchar(100)	Answer3
varchar(100)	Answer4
varchar(100)	CorrectAnswer
FK, int(50)	LessonID

Video

PK, int(50)	VideoID
varchar(100)	VideoFile
FK, int(50)	LessonID

PDF

PK, int(50)	PDF_ID
varchar(100)	PDFFile
FK, int(50)	LessonID

has