

USER - STUDENT

Column	Type	Description
id	uuid	Unique user id
Full name	Varchar (100)	Unique username
E-mail	Varchar(100)	Unique e-mail
Password	Varchar (100)	Encrypted password
Created_at	Long int	Account creation date
Level	Int	e.g beginner, extreme
Enrollment courses	Int default (0)	Count of enrolled courses
Lesson	Int default (0)	Count of lesson completed

MENTOR

Column	Type	Description
Id	uuid	Unique user id
Full name	Varchar(100)	Unique username
e-mail	Varchar (100)	Unique e-mail
Password	Varchar (50)	Unique password
Created_at	Timestamp	Account creation date
Field	Enum	e.g. web dev,cyber etc
Bio	Text	Mentor description
Toatal courses	Int default (0)	No. of courses created

COURSES

Column	Type	Description
Id	uuid	Unique id
Title	Varchar (100)	Course title
Description	Text	Course description
Mentor_id	Mentor.id	Name of the mentor
Level	Easy, medium, hard	Level of course
Category	Varchar (50)	Topics
Thumbnail	Varchar link	Image
Duration	Time	How long it is
Created.at	Timestamp	When it is created
Enrolled student	Int	Students enrolled in it
Reviews	Text	Reviews by student
Status	Enum (draft, active, retired)	What is the status

QUESTIONS

Column	Type	Description
Id	uuid	Question id
Quiz_id	FK quiz (id)	Quiz it belongs to
Question_text	Text	The actual question
Option_a	Varchar	Option A
Option_b	Varchar	Option B
Option_c	Varchar	Option C
Option_d	Varchar	Option D
Correct_option	Char (1)	Correct option (A\B\C\D)
Marks	Int	Marks for this question

QUIZ

Column	Type	Description
ID	uuid	Quiz id
course id	FK-course id	Related course
title	varchar	Quiz title
Total marks	int	Maximum marks
badges		Total earn badges

QUIZ SUBMISSION

Column	Type	Description
id	uuid	Submission id
quiz id	Fk_quiz(id)	Which quiz
user id	Fk_user(id)	Who submitted
Score	int	Score obtained
submitted at	timestamp	Submission date

LEADERBOARD

Column	Type	Description
Id	uuid	Enter id
User id	Fk-user(id)	Student
Course id	Fk-course(id)	For course leaderboard
Total score	int	Points scored
rank	int	rank

USER BADGES

Column	Type	Description
Id	uuid	Unique badge id
Name	Varchar(50)	Badge title
Icon url		Image
Points	Int	Points awarded
Criteria	Text	Rule
Created at	Timestamp	When created
Description	text	Short explanation

MINI GAMES

Column	Type	Description
Game id	uuid	Unique id
Title	Varchar	Game title
Description	Text	Summary of game
Difficulty	Enum(easy,medium,hard)	Skill level
Topic	Varchar	Topics
Max score	Int mentor	Max achievable score
Game type	Enum(puzzle,challenged,timed,simulation)	Type of minigame
Created at	Timestamp	Creation timestamp
Updated at	Timestamp	Last update timestamp
Status	Enum(draft,active,retired)	Game availability

GAMES SCORE TABLE

Column	Type	Description
Score id	uuid	Unique id
Game id	Int(fk-mini games,game id)	Unique id
User id	Int(fk-users,user id)	Unique id
Score	Int	Players score
Attempts	Int default 1	Number of attempts
Played on	Data time	Date and time
feedback	text	Instructor feedback

GAMES

Column	Type	Description
Username	Varchar (100)	Unique username
Topic	Varchar (100)	Topic of game
Difficulty	Enum (easy, medium, hard)	Skill level
Created at	Timestamp	Creation timeslap
updated at	Timestamp	Last updated time
Max score	Int (user)	Max achievable scord
Reward	Int (badges)	Badges milestone