TABLES-SKILLVOYAGE

Users Table

Field Name	Data Type (size)	Key Constraint	Description of the field
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the user
email	VARCHAR(255)	UNIQUE, NOT NULL	User's email address, serves as username for login
username	VARCHAR(255)	UNIQUE, NOT NULL	Username selected by the user
password	VARCHAR(255)	NOT NULL	Hashed password of the user
usertype	VARCHAR(10)	NOT NULL	Indicates whether the user is a "student" or "teacher"
is_staff	BOOLEAN	DEFAULT False	Indicates if the user is a staff member
is_superuser	BOOLEAN	DEFAULT False	Indicates if the user has superuser privileges
created_at	DATETIME	AUTO_GENERATED	Date and time the user was created

PasswordReset Table

Field Name	Data Type (size)	Key Constraint	Description
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the password reset entry
user_id	INT	FOREIGN KEY (REFERENCES User(id))	ID of the user requesting password reset
token	VARCHAR(100)	UNIQUE, NOT NULL	Unique token for the password reset
created_at	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the password reset request was created

TeacherRequest Table

Field Name	Data Type (size)	Key Constraint	Description
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the teacher request

user_id	INT	FOREIGN KEY (REFERENCES User(id))	ID of the user submitting the request
full_name	VARCHAR(100)	NOT NULL	Full name of the teacher applicant
email	VARCHAR(255)	NOT NULL	Email of the teacher applicant
phone_number	VARCHAR(20)	NOT NULL	Contact phone number of the teacher
qualification	VARCHAR(100)	NOT NULL	Qualification details of the teacher
experience_years	INT	NOT NULL	Years of experience of the teacher
skills	VARCHAR(255)	NOT NULL	Key skills possessed by the teacher
resume	FILE	NOT NULL	Resume file upload
status	VARCHAR(10)	DEFAULT 'Pending', NOT NULL	Status of the request (Pending, Accepted, Rejected)
created_at	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the request was created

Category Table

Field Name	Data Type (size)	Key Constraint	Description
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the category
name	VARCHAR(255)	NOT NULL	Name of the category
description	TEXT	NULL	Description of the category

SubCategory Table

Field Name	Data Type (size)	Key Constraint	Description
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the subcategory
name	VARCHAR(100)	NOT NULL	Name of the subcategory
category_id	INT	FOREIGN KEY (REFERENCES Category(id))	ID of the parent category
image	IMAGE (File Path)	NULL	Image for the subcategory

ContactUs Table

Field Name	Data Type (size)	Key Constraint	Description

id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the contact form entry
first_name	VARCHAR(255)	NOT NULL	First name of the person contacting
last_name	VARCHAR(255)	NOT NULL	Last name of the person contacting
email	VARCHAR(255)	NOT NULL	Email of the person contacting
phone_number	VARCHAR(20)	NULL	Phone number of the person contacting
message	TEXT	NOT NULL	Message content

Course Table

Field Name	Data Type (size)	Key Constraint	Description
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the course
name	VARCHAR(255)	NOT NULL	Name of the course
short_description	VARCHAR(255)	NOT NULL	Short description of the course
description	TEXT	NOT NULL	Detailed description of the course
featured_image	IMAGE (File Path)	NOT NULL	Featured image for the course
sub_category_id	INT	FOREIGN KEY (REFERENCES SubCategory(id))	ID of the related subcategory
duration	DURATION	NOT NULL	Duration of the course
instructor_id	INT	FOREIGN KEY (REFERENCES User(id))	ID of the instructor (Teacher)
learning_outcome	TEXT	NOT NULL	Expected learning outcomes for the course
price	DECIMAL(8, 2)	NOT NULL	Price of the course
created_on	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the course was created
updated_on	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the course was last updated
status	VARCHAR(20)	DEFAULT 'draft', NOT NULL	Status of the course (Draft, Published, etc.)

CourseLesson Table

Field Name	Data Type (size)	Key Constraint	Description
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the lesson

course_id	INT	FOREIGN KEY (REFERENCES Course(id))	ID of the related course
title	VARCHAR(255)	NOT NULL	Title of the lesson
description	TEXT	NULL	Description of the lesson
resource	FILE (File Path)	NULL	Resource file for the lesson (video, pdf, etc.)
created_on	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the lesson was created
updated_on	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the lesson was last updated

EnrolledCourse Table

Field Name	Data Type (size)	Key Constraint	Description
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the enrolled course entry
course_id	INT	FOREIGN KEY (REFERENCES Course(id))	ID of the enrolled course
student_id	INT	FOREIGN KEY (REFERENCES User(id))	ID of the student who enrolled
created_on	DATETIME	AUTO_GENERATED, NOT NULL	Date and time of enrollment

Product Table

Field Name	Data Type (size)	Key Constraint	Description
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the product
name	VARCHAR(255)	NOT NULL	Name of the product
short_description	VARCHAR(255)	NOT NULL	Short description of the product
description	TEXT	NOT NULL	Detailed description of the product
price	DECIMAL(8, 2)	NOT NULL	Price of the product
image	IMAGE (File Path)	NULL	Image for the product
stock	INT	NOT NULL	Stock quantity of the product
status	VARCHAR(20)	DEFAULT 'active', NOT NULL	Status of the product (Active, Inactive)
category_id	INT	FOREIGN KEY (REFERENCES Category(id))	ID of the related category
created_on	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the product was created

updated_on	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the product was last updated

Cart Table

Field Name	Data Type (size)	Key Constraint	Description
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the cart entry
user_id	INT	FOREIGN KEY (REFERENCES User(id))	ID of the user who owns the cart
product_id	INT	FOREIGN KEY (REFERENCES Product(id))	ID of the product added to the cart
quantity	INT	NOT NULL	Quantity of the product added
created_on	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the cart entry was created
updated_on	DATETIME	AUTO_GENERATED, NOT NULL	Date and time the cart entry was last updated

Order Table

Field Name	Data Type (size)	Key Constraint	Description of the field
id	BigAutoField	Primary Key	Unique identifier for each order
user	ForeignKey (User)	Foreign Key, Cascade	Links to the user who made the order
created_on	DateTimeField	Auto add	Timestamp when the order was created
price	DecimalField (8,2)	None	Total price of the order
address	CharField (255)	None	Delivery address for the order
success	BooleanField	None	Status of order completion (True/False)

Order Item

Field Name	Data Type (size)	Key Constraint	Description of the field
id	BigAutoField	Primary Key	Unique identifier for each order item

order	ForeignKey (Order)	Foreign Key, Cascade	Links to the associated order
product	ForeignKey (Product)	Foreign Key, Cascade	Links to the product in the order item
quantity	PositiveIntegerField	None	Quantity of the product in the order
created_on	DateTimeField	Auto add	Timestamp when the order item was added

Feedback Table

Field Name	Data Type (size)	Key Constraint	Description of the field
user	ForeignKey (User)	Foreign Key, Cascade	Links to the user who gave the feedback
lesson	ForeignKey (CourseLesson)	Foreign Key, Cascade	Links to the lesson for feedback
rating	IntegerField (1-5 choices)	None	User's rating (1 to 5)
feedback	TextField	None	Feedback content by the user
created_at	DateTimeField	Auto add	Timestamp when the feedback was given

LiveSession Table

Field Name	Data Type (size)	Key Constraint	Description of the field
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the live session
guide_id	INT	FOREIGN KEY (REFERENCES Guide(id))	Links to the guide conducting the session
title	VARCHAR(255)	NOT NULL	Title of the live session
description	TEXT	NULL	Brief description of the session
session_date	DATETIME	NOT NULL	Scheduled date and time of the session
duration	INT	NOT NULL	Duration of the session in minutes
max_participants	INT	NOT NULL	Maximum number of participants allowed

status	ENUM('Upcoming', 'Completed', 'Cancelled')	DEFAULT 'Upcoming'	Status of the session
created_at	DATETIME	AUTO_GENERATED, NOT NULL	Timestamp when the session was created

Notification Table

Field Name	Data Type (size)	Key Constraint	Description of the field
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the notification
user_id	INT	FOREIGN KEY (REFERENCES User(id))	Links to the user receiving the notification
message	TEXT	NOT NULL	Content of the notification
link	VARCHAR(255)	NULL	Optional link related to the notification
is_read	BOOLEAN	DEFAULT FALSE	Status of whether the notification is read
created_at	DATETIME	AUTO_GENERATED, NOT NULL	Timestamp when the notification was created

DirectMessage Table

Field Name	Data Type (size)	Key Constraint	Description of the field
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the message
sender_id	INT	FOREIGN KEY (REFERENCES User(id))	Links to the sender of the message
receiver_id	INT	FOREIGN KEY (REFERENCES User(id))	Links to the receiver of the message
content	TEXT	NOT NULL	Content of the message
is_read	BOOLEAN	DEFAULT FALSE	Status of whether the message is read
created_at	DATETIME	AUTO_GENERATED, NOT NULL	Timestamp when the message was sent

Certificate Table

Field Name	Data Type (size)	Key Constraint	Description of the field
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the certificate
user_id	INT	FOREIGN KEY (REFERENCES User(id))	Links to the user receiving the certificate
course_id	INT	FOREIGN KEY (REFERENCES Course(id))	Links to the completed course
certificate_link	VARCHAR(255)	NOT NULL	Link to download or view the certificate
issued_date	DATETIME	NOT NULL	Date the certificate was issued

Performance Dashboard Table

Field Name	Data Type (size)	Key Constraint	Description of the field
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the dashboard entry
user_id	INT	FOREIGN KEY (REFERENCES User(id))	Links to the user whose performance is tracked
total_courses	INT	DEFAULT 0	Total number of courses completed
skills_acquired	TEXT	NULL	List of skills acquired by the user
milestones_achieved	TEXT	NULL	Description of milestones achieved
updated_at	DATETIME	AUTO_GENERATED, NOT NULL	Timestamp of the last dashboard update

AccessibilityFeature Table

Field Name	Data Type (size)	Key Constraint	Description of the field
id	INT	PRIMARY KEY, AUTO_INCREMENT	Unique identifier for the feature
user_id	INT	FOREIGN KEY (REFERENCES User(id))	Links to the user using the feature
captions_enabled	BOOLEAN	DEFAULT FALSE	Whether real-time captions are enabled

translation_enabled	BOOLEAN	DEFAULT FALSE	Whether multilingual translation is enabled
adapted_content	BOOLEAN	DEFAULT FALSE	Whether content is adapted for accessibility
updated_at	DATETIME	AUTO_GENERATED, NOT NULL	Timestamp when the feature settings were updated