

Database Structure

1. users

Field Name	Data Type	Constraints / Notes
id	INT	PRIMARY KEY, AUTO_INCREMENT
username	VARCHAR(50)	UNIQUE, NOT NULL
email	VARCHAR(100)	UNIQUE, NOT NULL
password_hash	VARCHAR(255)	NOT NULL
created_at	TIMESTAMP	DEFAULT CURRENT_TIMESTAMP

2. road_trips

Field Name	Data Type	Constraints / Notes
id	INT	PRIMARY KEY, AUTO_INCREMENT
user_id	INT	FOREIGN KEY → users.id, NOT NULL, ON DELETE CASCADE
title	VARCHAR(150)	NOT NULL
description	TEXT	
country	VARCHAR(50)	
total_distance	DECIMAL(8,2)	Optional (distance of the trip)
created_at	TIMESTAMP	DEFAULT CURRENT_TIMESTAMP