

User
user_id: int (PK)
email: string
password: string
registration_date: datetime
profile_data: json
role: json

Exercise
exercise_id: int (PK)
name: string
description: string

Session
session_id: int (PK)
user_id: int (FK)
exercise_id: int (FK)
start_time: datetime
end_time: datetime
duration_seconds: int
exercise_counter: int
feedback_count: int
performance_score: float
video_path: string

Feedback
feedback_id: int (PK)
session_id: int (FK)
trainer_id: int (FK, nullable)
timestamp: datetime
comments: text
system_generated: boolean

Keypoints
keypoint_id: int (PK)
session_id: int (FK)
timestamp: datetime
rep_number: int
keypoints_json: json
angles_json: json
is_correct: boolean
incorrect_duration: float

