Table Name	3NF STEPS	Functional dependencies
is_trainer	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "Trainer_id" and "user_id" have no dependency on each other either.
trainers	3NF	trainer_id -> trainer_name Reason: Already in 2NF and has no transitive dependencies. The functional dependency here means that we are unable to access trainer_name without the trainer_id, thus they have a functional dependency.
taught_by	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "Trainer_id" and "session_id" have no dependency on each other either.
classes	3NF	Session_id -> c_session_date, rating, c_booking_id
oversees_classes	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "session_id" and "admin_id" have no dependency on each other either.
register_class	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "session_id" and "member_id" have no dependency on each other either.
personal_training:	3NF	Session_id -> p_session_date, notes, p_booking_id
register_training	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "session_id" and "member_id" have no dependency on each other either.

conducts	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "session_id" and "trainer_id" have no dependency on each other either.
oversees_training	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "session_id" and "admin_id" have no dependency on each other either.
users	3NF	User_id -> (username, user_password, user_role) Reason: Already in 2NF and has no transitive dependencies. User_id is the primary key used by username, user_password, and user_role. Without user_id they cannot be accessed for that specific user.
members	3NF	member_id -> (first_name, last_name, fitness_goals, age, weight, height, BMI) Reason: Already in 2NF and has no transitive dependencies. Members will have unique attributes which can be accessed using the primary key member_id. The information has a functional dependency on the primary key.
Fitness achievement	3NF	achievement_id -> description Reason: Already in 2NF and has no transitive dependencies. Each achievement has a description that is unique to that achievement, creating the functional dependency where the description relies on achievement_id.
achieved_by	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "Achievement_id" and "member_id" have no dependency on each other.
is_member	3NF	N/A Reason: Already in 2NF and has no transitive dependencies "Member_id" and "user_id" have no dependency on each other.

is_admin	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "Admin_id" and "user_id" have no dependency on each other.
Administrators	3NF	Admin_id -> name, admin_name Reason: Already in 2NF and has no transitive dependencies.
manage_bill	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "Admin_id" and "billing_id" have no dependency on each other.
billing	3NF	Billing_id -> (cost_of_membership, last_date_payed, loyalty_points) Reason: Already in 2NF and has no transitive dependencies. Each bill has its own cost, points, and payment date. Billing_id is the primary key that helps access all this information, creating a dependency.
manage_eqp	3NF	N/A Reason: Already in 2NF and has no transitive dependencies. "Admin_id" and "equipment_id" have no dependency on each other.
fitness_eqp	3NF	Equipment_id -> recent_maintenance_date Reason: Already in 2NF and has no transitive dependencies. Each piece of equipment has its maintenance date, accessible through the equipment_id only.
manage_bookings	3NF	N/A Reason: Already in 2NF and has no transitive dependencies.
room_bookings	3NF	Booking_id -> room_number, start_time, end_time Reason: Already in 2NF and has no transitive dependencies. Each room has a specific number, and start and end time for its booking, which all rely on and can be accessed through the booking_id.