Entity	Operation	Input	Output	Description
user	create	name, surname,phone_number, email, address, *subscription_type*, password, role	user_id	Adds a new user
user	read	user_id	name, surname,phone_number, email, *address, subscription_type*, role	Gets info about user
user	read		[[user_full_name, user_id],...]	Gets a list of all users
user	read	*subscription_type, role*	[[user_full_name, user_id],...]	Gets a list of users filtered by subscription type and/or role
user	update	user_id, *name, surname,phone_number, email, address, subscription_type, password*		Updates users information
user	delete	user_id		Removes a user
training	create	user_id, category_id, date, training_duration	training_id	Adds a new training session
training	read	[date, date], *user_id*	[[category_name, total_training_time], ...]	Gets training time per category for all users/ specified user for specified period of time
training	read	user_id	[[category_name, total_training_time], ...]	Gets training time per category for user (all time)
training	read	[date, date], *user_id*	total_training_time	Gets the total time for the specified user or all users (sum) spent at the gym during the period.
training	read	[date, date]	[[category_name, total_training_time, subscription_type], ...]	Gets training time per category with subscribtion type (for all users, per time period)
training	read		subscription_type, user_count	Gets the number of users with each subscription type
training	read	[date, date]	[[day_of_week, total_training_time], ...]	Gets the total time all customers have spent at gym at each day of week (for selected time period)

LEGEND:

Cursive: optional data

[[value1, value2], …] a list of items containing specific fields