

COMP 4537 Term Project – Group G11

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Our app is a simple exercise tracker. Users can create exercises, view previously created exercises, edit the name of an exercise, and delete exercises. There is also an admin page for an admin to view how many requests were made to each api endpoint. Users can also now work with workout "sessions" with CRUD operations. Users are authenticated to login/register, and to use the API calls for app function, need to paste their API token they are assigned into a text box before pressing any app button.

10 Sample URIs/URLs and parameters to test all API endpoints:

Request Type	Endpoint	Sample Body Data
GET	https://g11-workout-server.herokuapp.com/api/v1/workouts?apikey=mw4tgwgoina9	
POST	https://g11-workout-server.herokuapp.com/api/v1/add_exercise/?apikey=mw4tgwgoina9	{ "name": "deadlift", "cat": "back", "instructions": "pick up and drop barbell", "equipment": "barbell", "amounts": 1 }
DELETE	https://g11-workout-server.herokuapp.com/api/v1/delete/deadlift/?apikey=mw4tgwgoina9	
PUT	https://g11-workout-server.herokuapp.com/api/v1/update/?apikey=mw4tgwgoina9	{ "oldName": "deadlift", "newName": "Barbell Deadlift" }
GET	https://g11-workout-server.herokuapp.com/api/v1/sessions/?apikey=mw4tgwgoina9	
POST	https://g11-workout-server.herokuapp.com/api/v1/add_session/?apikey=mw4tgwgoina9	{ "name": "deadlift", "time": 30.5 }
DELETE	https://g11-workout-server.herokuapp.com/api/v1/delete_session/deadlift/?apikey=mw4tgwgoina9	
PUT	https://g11-workout-server.herokuapp.com/api/v1/update_session/?apikey=mw4tgwgoina9	{ "name": "deadlift", "time": 20 }
GET	https://g11-workout-server.herokuapp.com/api/v1/random/?apikey=mw4tgwgoina9	
GET	https://g11-workout-server.herokuapp.com/api/v1/category/chest/?apikey=mw4tgwgoina9	

URL of Heroku client app:

<https://comp4537-termproj.herokuapp.com/>

URL of the Heroku server app:

<https://g11-workout-server.herokuapp.com>

API admin credentials with Admin Page URL link:

id: admin

pass: adminpassword

<https://comp4537-termproj.herokuapp.com/frontend/4537/termproj/api/v1/admin.html>

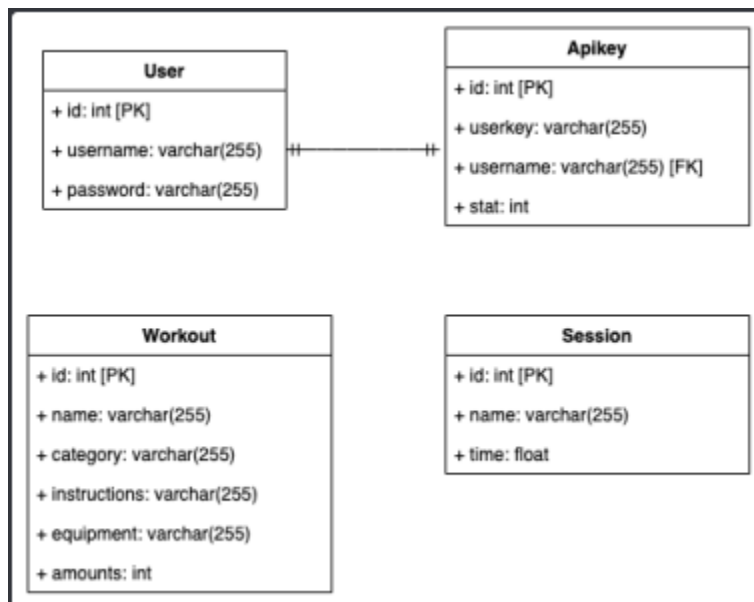
Currently, non authenticated for admin page -> logging in as admin will redirect to the page as our server is set up to recognize what type of user is logged in, but directly accessing admin url will not prompt authentication.

Github URLs:

https://github.com/erkim97/Term_Project_G11_Client

https://github.com/vtran95/Term_Project_G11_Server

ERD of database erd.jpg:



API Documentation link:

<https://comp4537-termproj.herokuapp.com/frontend/4537/termproj/api/v1/documentation.html>