

Virtuagym Recruitment Assignment Documentation

The aim of this document is to lay down the important points to setup the VirtuaGym Workout Plan Management project.

The project is developed on PHP using the LAMP stack and requires LAMP/WAMP to operate.

I have created a public GitHub repository that can be cloned using the following URL:

<https://github.com/kush2406/virtuagym>

Name of database: virtuagym_assignment

After cloning the repository, follow these steps:

- Retrieve the MySQL dump that can be found in the file dbback.sql in the project folder.
- Open the project folder and navigate to file config.php
 - Update the mysql parameters/credentials with that of your local machine
- Open your web browser and navigate to your localhost/virtuagym folder. Make sure that Apache server is running and listening to localhost
- Make sure to configure php.ini to send email via SMTP. You may also change the from address in send-mail.php file

Special Note: I have used short php tags at various places in the project (e.g. <?= ?>). You must enable short_open_tag from php.ini if not done already. Open php.ini, look for the following line, set short_open_tag to On; restart Apache

short_open_tag=On

Project Functionality Highlights

- The (home)index page contains a list of all the workout plans, which can be previewed, edited or deleted.
- You may add a new workout plan by clicking on Add Plan. Before doing so, make sure to add users by visiting the users section.
- The project uses save on each mutation technique, therefore any change will automatically be saved to the database.
- Once you have made all the changes and wish to inform the user, click on Preview and Send email button, take a quick look at the new Workout Plan and Hit the Send Email Button. The user will receive email to his email address that you provided in Users section.

- You may even send an email directly from the plan listing page by clicking the magnifier button.