Taller Básico
PHP + Database

Primeros Pasos

1. Instalación MySQL en el servidor

    https://www.digitalocean.com/community/tutorials/how-to-install-linux-nginx-mysql-php-lemp-stack-on-ubuntu-20-04-es

2. Instalación PHPMyAdmin

    a. Instalar dependencias

    ```
    # sudo apt install phpmyadmin php-mbstring php-zip php-gd php-json php-curl
    ```

    b. Configurar Virtualhost Nginx

    ```
    server {
        listen 81;
        server_name localhost;
        root /usr/share/phpmyadmin;
        index index.php index.html index.htm;

        access_log  /var/log/nginx/phpmyadmin.access.log;
        error_log   /var/log/nginx/phpmyadmin.error.log;

        if (!-e $request_filename) {
            rewrite ^/(.+)$ /index.php?url=$1 last;
            break;
        }

        location ~ \.php$ {
            fastcgi_pass   unix:/var/run/php/php-fpm.sock;
            fastcgi_index  index.php;
            include        fastcgi.conf;
        }
    }
    ```

c. Creación usuario "admin"

```
# mysql -u root -p

mysql> CREATE USER 'admin'@'localhost' IDENTIFIED WITH
mysql_native_password BY 'user1';

mysql> GRANT ALL PRIVILEGES ON *.* TO 'admin'@'localhost'
WITH GRANT OPTION;
```

Creando un Base de Datos de Prueba

1. Generar base de datos "registro" a través del phpMyAdmin
   (**utf8mb4_unicode_ci**)

2. Generar usuario "registro-user" a través del phpMyAdmin

3. Desarrollar Script PHP de Test

Referencias

1. https://www.php.net/manual/en/class.pdo

2. https://owasp.org/www-community/attacks/SQL_Injection

3. https://www.php.net/manual/es/function.password-hash.php