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IP Colegiul “Iulia Hasdeu” din Cahul

Specialitatea Administrarea Aplicațiilor Web



Raport

Evaluare numărul I

Disciplina: “Administrare web serverelor”

A efectuat:

elevă grupa AAW 2042

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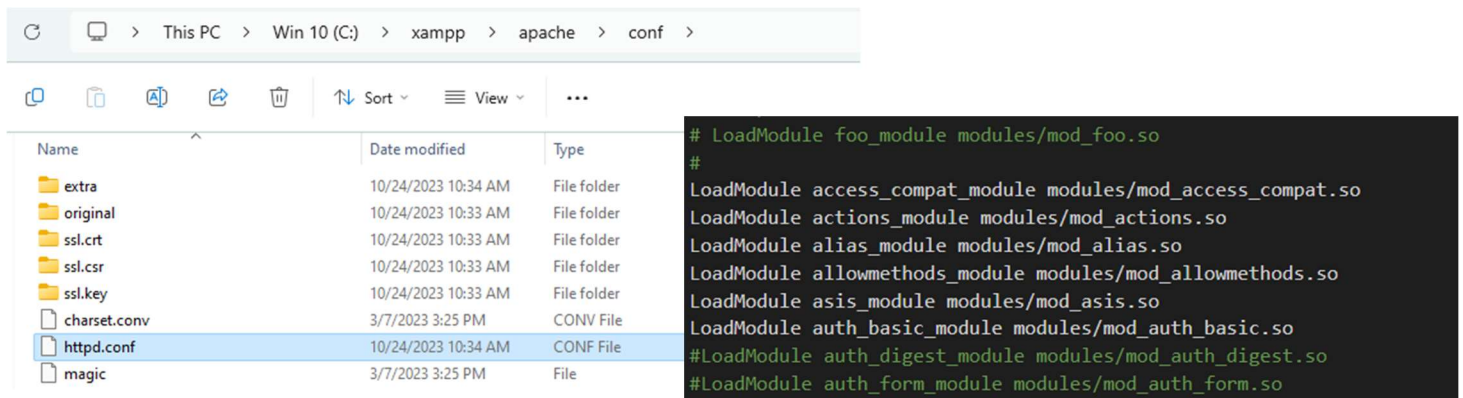
Cahul 2024

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1. Configurarea Modulelor Web-serverului.

XAMPP este un pachet de software care oferă un mediu de dezvoltare local pentru aplicații web. **Modulul serverului web** din XAMPP se referă la componenta care permite serverului să servească pagini web și să gestioneze cererile HTTP primite de la clienți (browserele web). Acest modul este de obicei **Apache HTTP Server**, care este un server web open-source și extrem de popular. Apache este capabil să interpreteze fișierele de cod sursă (fișierele HTML, CSS, JavaScript) și să le returneze către clienți într-un format pe care aceștia îl pot înțelege și afișa.



2. Realizați modificările posibile ale Fișierului httpd.conf.

```
//Schimbarea portului serverului
Listen 8080

//Modificarea directorului root al documentelor
DocumentRoot "/var/www/html/new_directory"

//Activarea modulelelor
LoadModule rewrite_module modules/mod_rewrite.so

//Configurarea unui site virtual
<VirtualHost *:80>
    ServerName www.example.com
    DocumentRoot "/var/www/html/example"
</VirtualHost>

//Autentificare HTTP de baza
<Location "/private">
    AuthType Basic
    AuthName "Acces restricționat"
    AuthUserFile "/etc/httpd/passwd"
</Location>

//Logging personalizat
LogFormat "%h %l %u %t \"%r\" %s %b \"%{Referer}i\" \"%{User-Agent}i\"" combined
CustomLog "/var/log/httpd/access_log" combined
```

3. Faceți modificări ale directivelor fișierului de configurare.

Fișierul **httpd.conf** este fișierul de configurare principal pentru serverul web Apache, care face parte din pachetul XAMPP. XAMPP este o suită de software open-source care permite dezvoltatorilor să creeze un mediu de dezvoltare local pentru aplicații web, care include serverul web Apache, serverul de baze de date MySQL și limbajele de scripting PHP și Perl, printre altele.

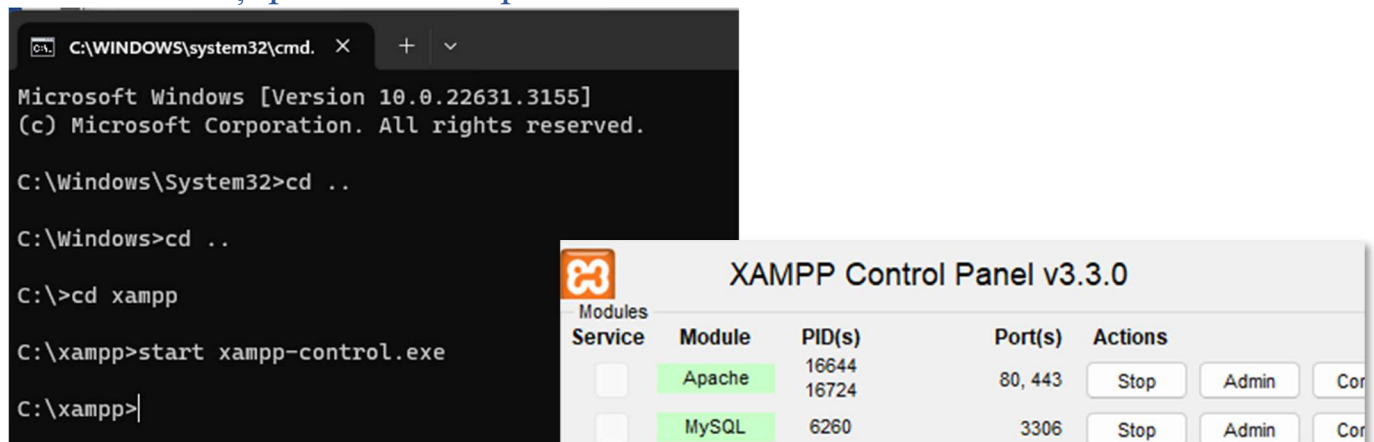
```
//Activarea compresiei pentru conținut
AddOutputFilterByType DEFLATE text/html text/plain text/css text/javascript

//Configurarea limitelor de dimensiune pentru încărcarea fișierelor
LimitRequestBody 10485760

//Specificarea unei rute pentru erorile personalizate
ErrorDocument 404 /error_pages/404.html

//Activarea cache-ului pentru fișiere statice
<FilesMatch "\.(ico|pdf|jpg|jpeg|png|gif|js|css|swf)$">
    Header set Cache-Control "max-age=86400, public"
</FilesMatch>
```

4. Efectuați procedurile-tip de lansare a Web-serverului.



The image shows a Windows command prompt window and the XAMPP Control Panel v3.3.0. The command prompt shows the following commands and output:

```
C:\WINDOWS\system32\cmd. X + v
Microsoft Windows [Version 10.0.22631.3155]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>cd ..

C:\Windows>cd ..

C:\>cd xampp

C:\xampp>start xampp-control.exe

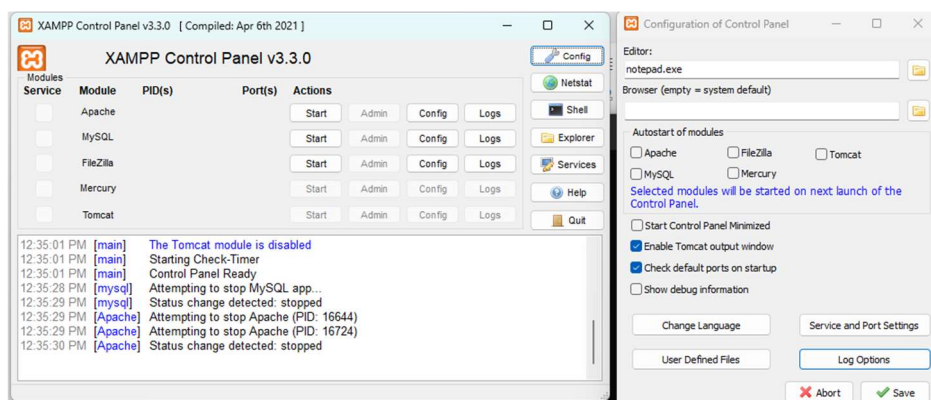
C:\xampp>|
```

The XAMPP Control Panel v3.3.0 window shows the following modules and their status:

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	16644 16724	80, 443	Stop Admin Conf
<input type="checkbox"/>	MySQL	6260	3306	Stop Admin Conf

5. Configurarea Serverului de Aplicații.

Efectuați configurările posibile cu Serverului de Baze de Date



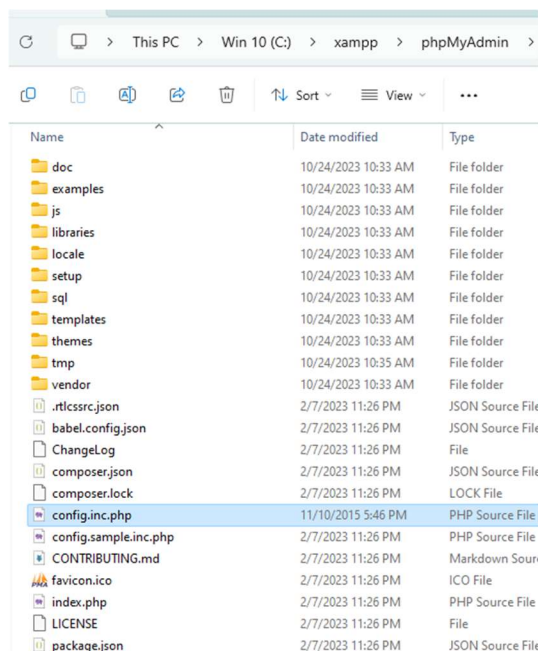
The image shows the XAMPP Control Panel v3.3.0 and its Configuration window. The Control Panel shows the following modules and their status:

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache			Start Admin Config Logs
<input type="checkbox"/>	MySQL			Start Admin Config Logs
<input type="checkbox"/>	FileZilla			Start Admin Config Logs
<input type="checkbox"/>	Mercury			Start Admin Config Logs
<input type="checkbox"/>	Tomcat			Start Admin Config Logs

The Configuration window shows the following settings:

- Editor: notepad.exe
- Browser (empty = system default)
- Autostart of modules:
 - ☐ Apache
 - ☐ FileZilla
 - ☐ Tomcat
 - ☐ MySQL
 - ☐ Mercury
- Selected modules will be started on next launch of the Control Panel.
- ☐ Start Control Panel Minimized
- ☒ Enable Tomcat output window
- ☒ Check default ports on startup
- ☐ Show debug information

Buttons: Change Language, Service and Port Settings, User Defined Files, Log Options, Abort, Save.



```

config.inc.php X
C: > xampp > phpMyAdmin > config.inc.php
17
18 /* Authentication type and info */
19 $cfg['Servers'][$i]['auth_type'] = 'config';
20 $cfg['Servers'][$i]['user'] = 'root';
21 $cfg['Servers'][$i]['password'] = '';
22 $cfg['Servers'][$i]['extension'] = 'mysqli';
23 $cfg['Servers'][$i]['AllowNoPassword'] = true;
24 $cfg['Lang'] = '';
25
26 /* Bind to the localhost ipv4 address and tcp */
27 $cfg['Servers'][$i]['host'] = '127.0.0.1';
28 $cfg['Servers'][$i]['connect_type'] = 'tcp';
29
30 /* User for advanced features */
31 $cfg['Servers'][$i]['controluser'] = 'pma';
32 $cfg['Servers'][$i]['controlpass'] = '';
33
34 /* Advanced phpMyAdmin features */
35 $cfg['Servers'][$i]['pmadb'] = 'phpmyadmin';
36 $cfg['Servers'][$i]['bookmarktable'] = 'pma_bookmark';
37 $cfg['Servers'][$i]['relation'] = 'pma_relation';
38 $cfg['Servers'][$i]['table_info'] = 'pma_table_info';
39 $cfg['Servers'][$i]['table_coords'] = 'pma_table_coords';
40 $cfg['Servers'][$i]['pdf_pages'] = 'pma_pdf_pages';
41 $cfg['Servers'][$i]['column_info'] = 'pma_column_info';
42 $cfg['Servers'][$i]['history'] = 'pma_history';

```

\$cfg['PmaAbsoluteUri']	Această variabilă specifică adresa URL absolută către directorul PHPMyAdmin. Este utilizată pentru a genera linkuri absolute către pagini și resurse
\$cfg['PmaNoRelation_DisableWarning']	Atunci când este setată la true, această variabilă dezactivează avertizările referitoare la lipsa de relații între tabele în baza de date
\$cfg['AuthLog']	Această variabilă controlează dacă autentificarea utilizatorilor este înregistrată într-un fișier de jurnal
\$cfg['SuhosinDisableWarning']	Suhosin este o extensie PHP care adaugă un strat suplimentar de securitate. Această variabilă poate fi folosită pentru a dezactiva avertizările generate de Suhosin
\$cfg['LoginCookieValidityDisableWarning']	Atunci când este setată la true, această variabilă dezactivează avertizările referitoare la validitatea cookie-urilor de autentificare
\$cfg['ReservedWordDisableWarning']	Această variabilă controlează dacă avertizările referitoare la utilizarea cuvintelor rezervate în interogările MySQL sunt activate sau dezactivate
\$cfg['Servers'][\$i]['port']	Această variabilă specifică portul pe care serverul MySQL îl ascultă. \$i este un indice care poate reprezenta mai multe servere definite în configurația PHPMyAdmin
\$cfg['Servers'][\$i]['controlpass']	Această variabilă este parola de control a serverului MySQL. Aceasta este utilizată pentru a accesa și gestiona serverul MySQL
\$cfg['Servers']	Acesta este un array care conține toate setările pentru serverele MySQL definite în PHPMyAdmin. Poate include detalii cum ar fi adresa IP, portul, numele utilizatorului, parola

Resurse utilizate <https://docs.phpmyadmin.net/en/latest/config.html>

Creați un cont de utilizator pe <http://localhost/phpmyadmin/>

User accounts overview

	User name	Host name	Password	Global privileges	User group	Grant	Action
<input type="checkbox"/>	Any	%	No	USAGE		No	Edit privileges Export Lock
<input type="checkbox"/>	pma	localhost	No	USAGE		No	Edit privileges Export Lock
<input type="checkbox"/>	root	127.0.0.1	No	ALL PRIVILEGES		Yes	Edit privileges Export Lock
<input type="checkbox"/>	root	:::1	No	ALL PRIVILEGES		Yes	Edit privileges Export Lock
<input type="checkbox"/>	root	localhost	No	ALL PRIVILEGES		Yes	Edit privileges Export Lock

Add user account

Login Information

User name:

Use text field

UserEvaluate

Host name:

Local

localhost

Password:

Use text field

.....

Strength: Strong

Re-type:

.....

Authentication plugin

Native MySQL authentication

Generate password:

Generate

A3/wWe62vxB)U)wm

Global privileges ☐ Check all

Note: MySQL privilege names are expressed in English.

☒ Data

☒ Structure

☒ Administration

☒ SELECT

☒ INSERT

☒ UPDATE

☒ DELETE

☒ FILE

☒ CREATE

☒ ALTER

☒ INDEX

☒ DROP

☒ CREATE TEMPORARY TABLES

☒ SHOW VIEW

☒ CREATE ROUTINE

☒ ALTER ROUTINE

☒ EXECUTE

☒ CREATE VIEW

☒ EVENT

☒ TRIGGER

☒ GRANT

☒ SUPER

☒ PROCESS

☒ RELOAD

☒ SHUTDOWN

☒ SHOW DATABASES

☒ LOCK TABLES

☒ REFERENCES

☒ REPLICATION CLIENT

☒ REPLICATION SLAVE

☒ CREATE USER

Resource limits

Note: Setting these options to 0 (zero) removes the limit.

MAX QUERIES PER HOUR

0

MAX UPDATES PER HOUR

0

MAX CONNECTIONS PER HOUR

0

MAX USER CONNECTIONS

0

SSL

☒ REQUIRE NONE

☐ REQUIRE SSL

☐ REQUIRE X509

☐ SPECIFIED

REQUIRE CIPHER

REQUIRE ISSUER

REQUIRE SUBJECT

You have added a new user.

```
CREATE USER 'UserEvaluate'@'localhost' IDENTIFIED VIA mysql_native_password USING '****';GRANT ALL PRIVILEGES ON *.* TO 'UserEvaluate'@'localhost' WITH GRANT OPTION;
0 MAX_UPDATES_PER_HOUR 0 MAX_USER_CONNECTIONS 0;
```

[Edit inline]

[Edit]

[Create PHP code]

Global

Database

Change password

Login Information

Edit privileges: User account 'UserEvaluate'@'localhost'

<input type="checkbox"/>	UserEvaluate	localhost	Yes	ALL PRIVILEGES	Yes	Edit privileges Export Lock
--------------------------	--------------	-----------	-----	----------------	-----	-------------------------------

Creați o Bază de date cu 6 tabele. Arătați configurările de bază și modificările posibile.

Utilizatori	Produse	Comenzi	Detalii_comanda	Adrese_Utilizatori	Recenzii
user_id (cheie primară) nume_utilizator email parola created_at updated_at	produs_id (cheie primară) nume_produs descriere preț stoc_disponibil created_at updated_at	comanda_id (cheie primară) user_id (cheie externă către tabela Utilizatori) data_comenzii status_comanda created_at updated_at	detalii_id (cheie primară) comanda_id (cheie externă către tabela Comenzi) produs_id (cheie externă către tabela Produse) cantitate preț_unitar created_at updated_at	adresa_id (cheie primară) user_id (cheie externă către tabela Utilizatori) adresa_livrare adresa_facturare created_at updated_at	recenzie_id (cheie primară) produs_id (cheie externă către tabela Produse) user_id (cheie externă către tabela Utilizatori) scor_recenzie comentariu data_recenziei created_at updated_at

Databases

Create database

shop_db

utf8mb4_general_ci

Create

Tabelul Utilizatori

Name

Type

Length/Values

Default

Collation

user_id

INT

None

Pick from Central Columns

nume_utilizator

VARCHAR

100

None

Pick from Central Columns

email

VARCHAR

100

None

Pick from Central Columns

parola

VARCHAR

100

None

Pick from Central Columns

created_at

TIMESTAMP

CURRENT_TIME

Pick from Central Columns

updated_at

TIMESTAMP

CURRENT_TIME

Pick from Central Columns

Table structure

Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 user_id	int(11)			No	None		AUTO_INCREMENT	<div>Change Drop More</div>
<input type="checkbox"/>	2 nume_utilizator	varchar(100)	utf8mb4_general_ci		No	None			<div>Change Drop More</div>
<input type="checkbox"/>	3 email	varchar(100)	utf8mb4_general_ci		No	None			<div>Change Drop More</div>
<input type="checkbox"/>	4 parola	varchar(100)	utf8mb4_general_ci		No	None			<div>Change Drop More</div>
<input type="checkbox"/>	5 created_at	timestamp			No	current_timestamp()			<div>Change Drop More</div>
<input type="checkbox"/>	6 updated_at	timestamp			No	current_timestamp()			<div>Change Drop More</div>

Tabelul **Produse**

Name	Type	Length/Values	Default	Collati
<input type="text" value="produs_id"/>	INT	10	None	
<small>Pick from Central Columns</small>				
<input type="text" value="nume_produs"/>	VARCHAR	100	None	
<small>Pick from Central Columns</small>				
<input type="text" value="descriere"/>	VARCHAR	300	None	
<small>Pick from Central Columns</small>				
<input type="text" value="pret"/>	DOUBLE	10	None	
<small>Pick from Central Columns</small>				
<input type="text" value="stoc_disponibil"/>	INT	10	None	
<small>Pick from Central Columns</small>				
<input type="text" value="created_at"/>	TIMESTAMP		CURRENT_TIME	
<small>Pick from Central Columns</small>				
<input type="text" value="updated_at"/>	TIMESTAMP		CURRENT_TIME	
<small>Pick from Central Columns</small>				

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 produs_id	int(10)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 nume_produs	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 descriere	varchar(300)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 pret	double			No	None			Change Drop More
<input type="checkbox"/>	5 stoc_disponibil	int(11)			No	None			Change Drop More
<input type="checkbox"/>	6 created_at	timestamp			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	7 updated_at	timestamp			No	current_timestamp()			Change Drop More

Tabelul **Comenzi**

Name	Type	Length/Values	Default	Collation
<input type="text" value="comanda_id"/>	INT	10	None	
<small>Pick from Central Columns</small>				
<input type="text" value="user_id"/>	INT	10	None	
<small>Pick from Central Columns</small>				
<input type="text" value="data_comenzii"/>	TIMESTAMP		CURRENT_TIME	
<small>Pick from Central Columns</small>				
<input type="text" value="status_comanda"/>	INT	1	None	
<small>Pick from Central Columns</small>				
<input type="text" value="created_at"/>	TIMESTAMP		CURRENT_TIME	
<small>Pick from Central Columns</small>				
<input type="text" value="up"/>	TIMESTAMP		CURRENT_TIME	
<small>Pick from Central Columns</small>				

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 comanda_id	int(10)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 user_id	int(10)			No	None			Change Drop More
<input type="checkbox"/>	3 data_comenzii	timestamp			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	4 status_comanda	int(1)			No	None			Change Drop More
<input type="checkbox"/>	5 created_at	timestamp			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	6 updated_at	timestamp			No	current_timestamp()			Change Drop More

Foreign key constraints

Actions	Constraint properties	Column	Foreign key constraint (INNODB)		
			Database	Table	Column
	user_id_comand	ON DELETE CASCADE ON UPDATE CASCADE	shop_db	utilizatori	user_id
+ Add constraint					

Your SQL query has been executed successfully.

```
ALTER TABLE `comenzi` ADD CONSTRAINT `user_id_comand` FOREIGN KEY (`user_id`) REFERENCES `utilizatori` (`user_id`) ON DELETE CASCADE ON UPDATE CASCADE;
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

Display column was successfully updated.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 comanda_id	int(10)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 user_id	int(10)			No	None			Change Drop More
<input type="checkbox"/>	3 data_comenzii	timestamp			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	4 status_comanda	int(1)			No	None			Change Drop More
<input type="checkbox"/>	5 created_at	timestamp			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	6 updated_at	timestamp			No	current_timestamp()			Change Drop More

Tabelul Detalii_comanda

Name Type Length/Values Default Collation

detalii_id	INT	10	None	
Pick from Central Columns				
comanda_id	INT	10	None	
Pick from Central Columns				
produs_id	INT	10	None	
Pick from Central Columns				
cantitate	INT	10	None	
Pick from Central Columns				
pret_unitar	DOUBLE	10	None	
Pick from Central Columns				
created_at	TIMESTAMP		CURRENT_TIME	
Pick from Central Columns				
update	TIMESTAMP		CURRENT_TIME	
Pick from Central Columns				

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 detalii_id	int(10)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 comanda_id	int(10)			No	None			Change Drop More
<input type="checkbox"/>	3 produs_id	int(10)			No	None			Change Drop More
<input type="checkbox"/>	4 cantitate	int(10)			No	None			Change Drop More
<input type="checkbox"/>	5 pret_unitar	double			No	None			Change Drop More
<input type="checkbox"/>	6 created_at	timestamp			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	7 updated_at	timestamp			No	current_timestamp()			Change Drop More

Your SQL query has been executed successfully.

```
ALTER TABLE `detalii_comanda` ADD CONSTRAINT `produs_id_detalii` FOREIGN KEY (`produs_id`) REFERENCES `produse` (`produs_id`) ON DELETE CASCADE ON UPDATE CASCADE;
```

[Edit inline] [Edit] [Create PHP code]

Display column was successfully updated.

Table structure Relation view

Foreign key constraints

Actions	Constraint properties	Column	Foreign key constraint (INNODB)		
			Database	Table	Column
Drop	comanda_id_detalii ON DELETE CASCADE ON UPDATE CASCADE	comanda_id	shop_db	comenzi	comanda_id
Drop	produs_id_detalii ON DELETE CASCADE ON UPDATE CASCADE	produs_id	shop_db	produse	produs_id
	Constraint name ON DELETE RESTRICT ON UPDATE RESTRICT		shop_db		

+ Add constraint

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	detalii_id	int(10)			No	None		AUTO_INCREMENT	Change Drop More
2	comanda_id	int(10)			No	None			Change Drop More
3	produs_id	int(10)			No	None			Change Drop More
4	cantitate	int(10)			No	None			Change Drop More
5	pret_unitar	double			No	None			Change Drop More
6	created_at	timestamp			No	current_timestamp()			Change Drop More
7	updated_at	timestamp			No	current_timestamp()			Change Drop More

Tabelul Adrese_utilizatori

Name	Type	Length/Values	Default	Collatic
adresa_id	INT	10	None	
user_id	INT	10	None	
adresa_livrare	VARCHAR	100	None	
adresa_facturare	VARCHAR	100	None	
created_at	TIMESTAMP		CURRENT_TIME	
updated_at	TIMESTAMP		CURRENT_TIME	

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	adresa_id	int(10)			No	None		AUTO_INCREMENT	Change Drop More
2	user_id	int(10)			No	None			Change Drop More
3	adresa_livrare	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
4	adresa_facturare	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
5	created_at	timestamp			No	current_timestamp()			Change Drop More
6	updated_at	timestamp			No	current_timestamp()			Change Drop More

Your SQL query has been executed successfully.

```
ALTER TABLE `adresa_utilizatori` ADD CONSTRAINT `user_id_adresa` FOREIGN KEY (`user_id`) REFERENCES `utilizatori` (`user_id`) ON DELETE CASCADE ON UPDATE CASCADE;
```

[Edit inline] [Edit] [Create PHP code]

Display column was successfully updated.

Table structure Relation view

Foreign key constraints

Actions	Constraint properties	Column	Foreign key constraint (INNODB)		
			Database	Table	Column
Drop	user_id_adresa ON DELETE CASCADE ON UPDATE CASCADE	user_id	shop_db	utilizatori	user_id

+ Add column

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 adresa_id	int(10)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 user_id	int(10)			No	None			Change Drop More
<input type="checkbox"/>	3 adresa_livrare	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 adresa_facturare	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	5 created_at	timestamp			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	6 updated_at	timestamp			No	current_timestamp()			Change Drop More

Tabelul Recenzii

Name	Type	Length/Values	Default	Collation
recenzie_id	INT	10	None	
Pick from Central Columns				
produs_id	INT	10	None	
Pick from Central Columns				
user_id	INT	10	None	
Pick from Central Columns				
scor_recenzie	INT	10	None	
Pick from Central Columns				
comentariu	VARCHAR	200	None	
Pick from Central Columns				
data_recenziei	TIMESTAMP		CURRENT_TIME	
Pick from Central Columns				
created_at	TIMESTAMP		CURRENT_TIME	
Pick from Central Columns				
updated_at	TIMESTAMP		CURRENT_TIME	

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 recenzie_id	int(10)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 produs_id	int(10)			No	None			Change Drop More
<input type="checkbox"/>	3 user_id	int(10)			No	None			Change Drop More
<input type="checkbox"/>	4 scor_recenzie	int(10)			No	None			Change Drop More
<input type="checkbox"/>	5 comentariu	varchar(200)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	6 data_recenziei	timestamp			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	7 created_at	timestamp			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	8 updated_at	timestamp			No	current_timestamp()			Change Drop More

Your SQL query has been executed successfully.

```
ALTER TABLE `recenzii` ADD CONSTRAINT `user_id_recenzie` FOREIGN KEY (`user_id`) REFERENCES `utilizatori` (`user_id`) ON DELETE CASCADE ON UPDATE CASCADE
```

[Edit inline] [Edit] [Create PHP code]

Display column was successfully updated.

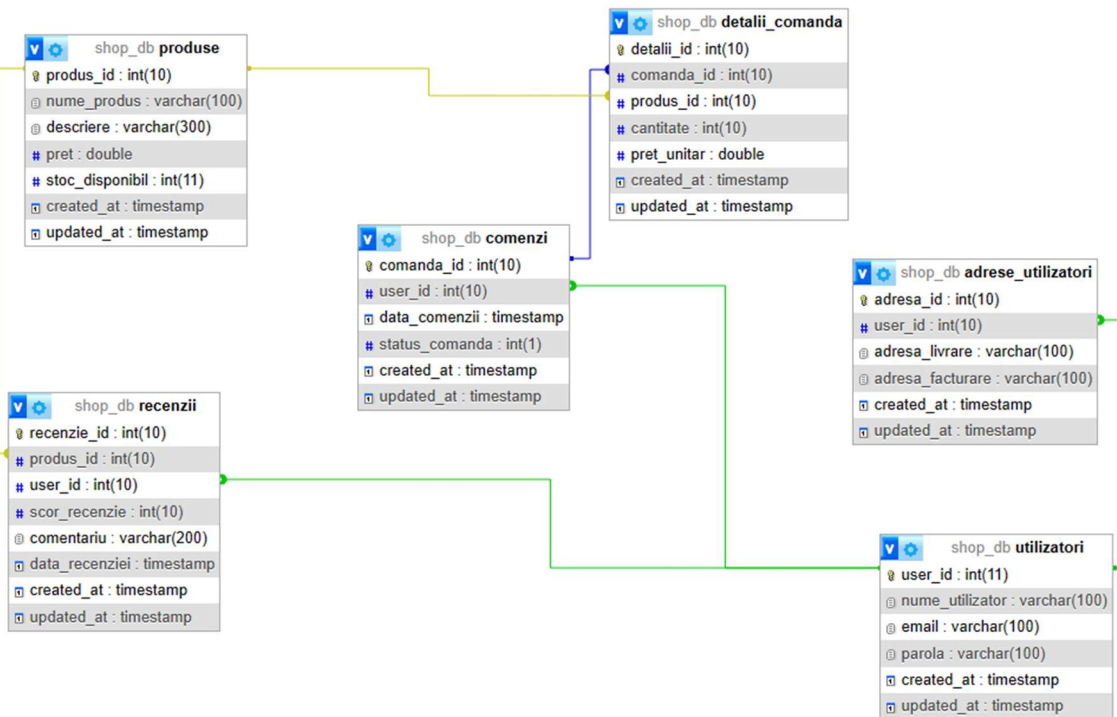
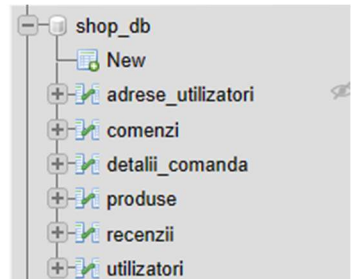
Table structure Relation view

Foreign key constraints

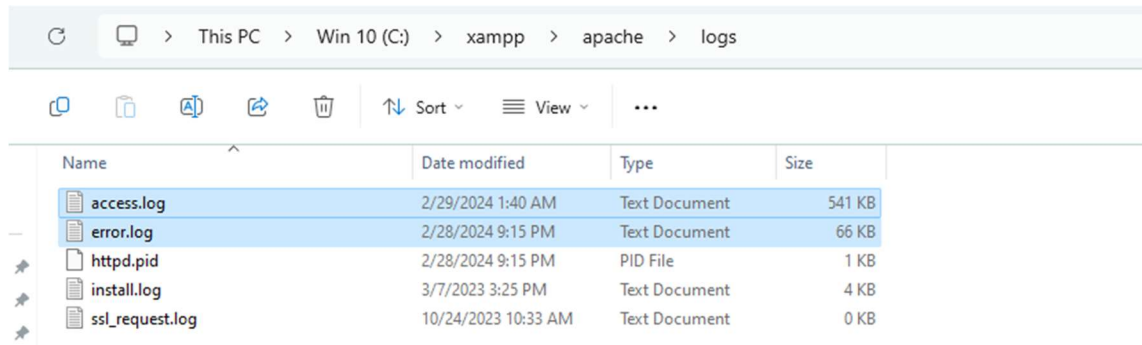
Actions	Constraint properties	Column	Foreign key constraint (InnoDB)		
			Database	Table	Column
Drop ON DELETE ON UPDATE	CASCADE CASCADE	produs_id_recenzie + Add column produs_id	shop_db	produse	produs_id
Drop ON DELETE ON UPDATE	CASCADE CASCADE	user_id_recenzie + Add column user_id	shop_db	utilizatori	user_id

Baza de date shop_db

Table	Action	Rows	Type	Collation	Size	Overhead
adrese_utilizatori	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
comenzi	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
detalii_comanda	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
produse	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
recenzii	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
utilizatori	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
6 tables	Sum	0	InnoDB	utf8mb4_general_ci	192.0 KiB	0 B



6. Efectuați Testarea și Depanarea Configurării Serverului Web.



```

[Thu Oct 24 10:33:57.547919 2023] [ssl:warn] [pid 8916:tid 352] AH01909: www.example.com:443:0 server certificate
does NOT include an ID which matches the server name
[Thu Oct 24 10:33:57.594831 2023] [ssl:warn] [pid 8916:tid 352] AH01909: www.example.com:443:0 server certificate
does NOT include an ID which matches the server name
[Thu Oct 24 10:33:57.844729 2023] [mpm_winnt:notice] [pid 8916:tid 352] AH00455: Apache/2.4.56 (Win64)
OpenSSL/1.1.1t PHP/8.2.4 configured -- resuming normal operations
[Thu Oct 24 10:33:57.844729 2023] [mpm_winnt:notice] [pid 8916:tid 352] AH00456: Apache Lounge V516 Server built:
Mar 7 2023 13:21:03
[Thu Oct 24 10:33:57.844729 2023] [core:notice] [pid 8916:tid 352] AH00094: Command line: 'C:\\xampp\\apache\\bin
\\httpd.exe -d C:/xampp/apache'
[Thu Oct 24 10:33:57.844729 2023] [mpm_winnt:notice] [pid 8916:tid 352] AH00418: Parent: Created child process
180094
[Thu Oct 24 10:33:58.516445 2023] [ssl:warn] [pid 18004:tid 376] AH01909: www.example.com:443:0 server certificate
does NOT include an ID which matches the server name
[Thu Oct 24 10:33:58.578929 2023] [ssl:warn] [pid 18004:tid 376] AH01909: www.example.com:443:0 server certificate
does NOT include an ID which matches the server name
[Thu Oct 24 10:33:58.657834 2023] [mpm_winnt:notice] [pid 18004:tid 376] AH00354: Child: Starting 150 worker
threads.
[Thu Oct 24 10:35:16.542618 2023] [ssl:warn] [pid 5100:tid 340] AH01909: www.example.com:443:0 server certificate
does NOT include an ID which matches the server name

```

```

[1:1 - - [24/Oct/2023:10:35:29 +0300] "GET /phpmyadmin/ HTTP/1.1" 200 16889 "-" "Mozilla/5.0 (Windows NT 10.0;
Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36 Edg/118.0.2088.61"
::1 - - [24/Oct/2023:10:35:33 +0300] "GET /phpmyadmin/js/messages.php?l=en&v=5.2.1 HTTP/1.1" 200 7911 "-"
"Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36
Edg/118.0.2088.61"
::1 - - [24/Oct/2023:10:35:33 +0300] "POST /phpmyadmin/index.php?route=/config/get HTTP/1.1" 200 1474 "-"
"Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36
Edg/118.0.2088.61"
::1 - - [24/Oct/2023:10:35:33 +0300] "POST /phpmyadmin/index.php?route=/navigation&ajax_request=1 HTTP/1.1" 200
2206 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0
Safari/537.36 Edg/118.0.2088.61"
::1 - - [24/Oct/2023:10:35:33 +0300] "POST /phpmyadmin/index.php?route=/database/structure/favorite-
table&ajax_request=1&sync_favorite_tables=1 HTTP/1.1" 200 155 "-" "Mozilla/5.0 (Windows NT 10.0;
Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36 Edg/118.0.2088.61"
::1 - - [24/Oct/2023:10:35:33 +0300] "POST /phpmyadmin/index.php?route=/config/get HTTP/1.1" 200 1566 "-"
"Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36
Edg/118.0.2088.61"
::1 - - [24/Oct/2023:10:35:33 +0300] "POST /phpmyadmin/index.php?route=/version-check HTTP/1.1" 200 64 "-"
"Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36
Edg/118.0.2088.61"

```

7. Creați un repozitoriu cu următorul conținut. ASW/ Nume prenume Personal/ directoriu/fisiere

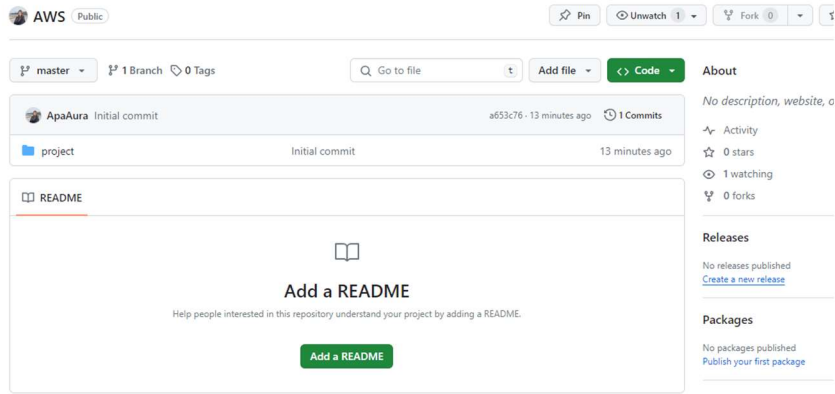
<https://github.com/ApaAura/AWS.git>

```

PS C:\Users\Aura\Desktop\ApareciAurica> git init
Initialized empty Git repository in C:/Users/Aura/Desktop/ApareciAurica/.git/
PS C:\Users\Aura\Desktop\ApareciAurica> git add .
PS C:\Users\Aura\Desktop\ApareciAurica> git commit -m "Initial commit"
[master (root-commit) a653c76] Initial commit
12 files changed, 1032 insertions(+)
create mode 100644 project/Images/1.jpg
create mode 100644 project/Images/logo.png
create mode 100644 project/animation.html
create mode 100644 project/chart.html
create mode 100644 project/css/animation.css
create mode 100644 project/css/main.css
create mode 100644 project/index.html
create mode 100644 project/js/bird.js
create mode 100644 project/js/elements.js
create mode 100644 project/js/flowers.js
create mode 100644 project/js/house.js
create mode 100644 project/js/sah.js
PS C:\Users\Aura\Desktop\ApareciAurica> git remote add origin https://github.com/ApaAura/AWS.git
PS C:\Users\Aura\Desktop\ApareciAurica> git push origin master
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Delta compression using up to 8 threads
Compressing objects: 100% (17/17), done.
Writing objects: 100% (18/18), 37.06 KiB | 2.65 MiB/s, done.
Total 18 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ApaAura/AWS.git
* [new branch] master -> master

```

Name	Date modified
css	2/28/2024 10:17
Images	2/28/2024 10:17
js	2/28/2024 10:17
animation.html	2/22/2024 10:57
chart.html	2/22/2024 10:55
main_file.html	2/22/2024 10:48



Index of /xampp

Name	Last modified	Size	Description
Parent Directory		-	
ApareciAurica/	2024-02-28 10:18	-	

Apache/2.4.56 (Win64) OpenSSL/1.1.1f PHP/8.2.4 Server at localhost Port

Index of /xampp/ApareciAurica/project

Name	Last modified	Size	Description
Parent Directory		-	
Images/	2024-02-28 10:17	-	
animation.html	2024-02-22 10:57	7.9K	
chart.html	2024-02-22 10:55	7.8K	
css/	2024-02-28 10:17	-	
js/	2024-02-28 10:17	-	
main_file.html	2024-02-22 10:48	12K	

Apache/2.4.56 (Win64) OpenSSL/1.1.1f PHP/8.2.4 Server at localhost Port

8. Importanța comenzilor modulelor Shell, Bitnami WordPress.

Utilizarea lor în practică.

Comenzile **modulelor Shell în Bitnami WordPress** sunt extrem de importante pentru gestionarea și configurarea instanțelor WordPress pe platforma Bitnami. Aceste comenzi facilitează administrarea, monitorizarea și întreținerea instanțelor WordPress, oferind o cale eficientă de a interacționa cu mediul de dezvoltare sau de producție.

Beneficiile utilizării comenzilor modulelor Shell:

Eficiență: Automatizează sarcinile repetitive, economisind timp și efort.

Flexibilitate: Permite executarea de scripturi complexe și personalizate.

Putere: Accesează funcții avansate care nu sunt disponibile prin interfața grafică de utilizator.

Control: Oferă utilizatorilor un control mai mare asupra instalării WordPress.

Instalarea unui plugin:

```
bnm wp plugin install <nume-plugin>
```

Actualizarea unei teme:

```
bnm wp theme update <nume-tema>
```

Crearea unui utilizator:

```
bnm wp user create <nume-utilizator> <parolă> <email>
```

Configurarea setărilor WordPress:

```
bnm wp option set <nume-opțiune> <valoare>
```

Depanarea problemelor:

```
bnm wp debug on
```

Pentru o listă completă a comenzilor disponibile:

```
bnm wp help
```

Resurse utilizate <https://docs.bitnami.com/aws/apps/wordpress/administration/use-wpcli/>