



Universidad Autónoma de Chiapas

UNACH



Maldonado de Paz Elmar Enrique

***Configura MVC en NODE Js usuario con Bd
mysql***

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Materia: Taller de desarrollo 3


Facultad: F.C.A. C-1

L.I.D.T.S.

5to Semestre Grupo M

Tuxtla Gutiérrez Chiapas a 10 de septiembre de 2025

Vista Login



The login form is centered on a purple gradient background. It features a white card with a purple house icon at the top, followed by the title 'Sistema Clínica' and the subtitle 'Ingresa a tu cuenta'. Below this are two input fields: 'Usuario' with the text 'admin' and 'Contraseña' with masked characters '*****'. A purple button labeled 'Iniciar Sesión' is at the bottom.

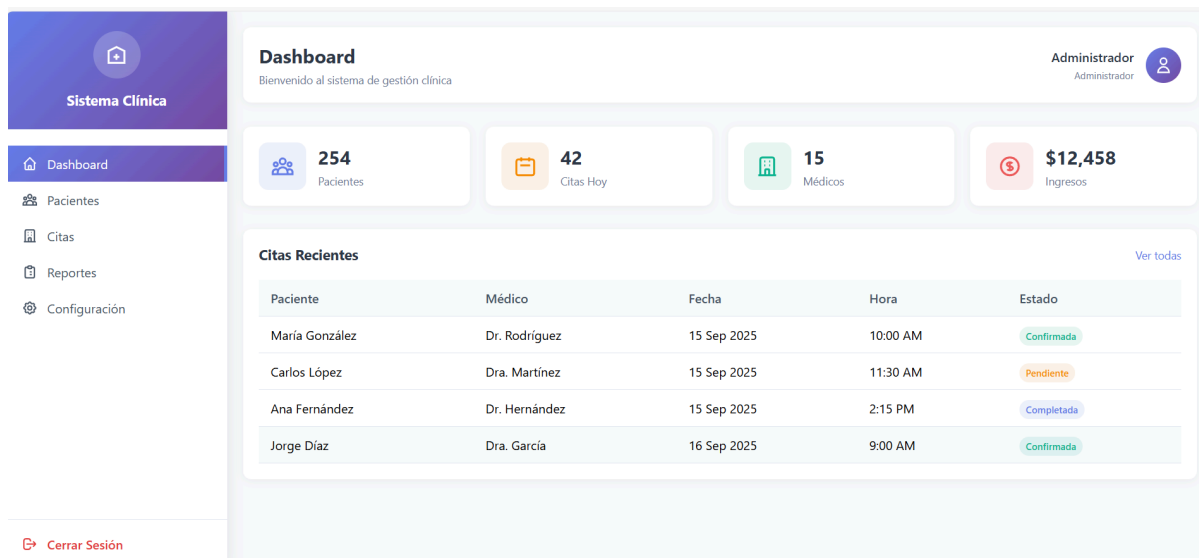
Sistema Clínica
Ingresa a tu cuenta

Usuario
admin

Contraseña

Iniciar Sesión

Vista dashboard



The dashboard is divided into a left sidebar and a main content area. The sidebar has a purple header with the 'Sistema Clínica' logo and a list of menu items: Dashboard, Pacientes, Citas, Reportes, and Configuración. The main content area has a white header with the title 'Dashboard', a welcome message, and the user's role 'Administrador'. Below the header are four summary cards: '254 Pacientes', '42 Citas Hoy', '15 Médicos', and '\$12,458 Ingresos'. A table titled 'Citas Recientes' shows the last four appointments with columns for Patient, Doctor, Date, Time, and Status. A 'Cerrar Sesión' button is at the bottom left.

Sistema Clínica

Dashboard
Bienvenido al sistema de gestión clínica

Administrador
Administrador

254
Pacientes

42
Citas Hoy

15
Médicos

\$12,458
Ingresos

Citas Recientes [Ver todas](#)

Paciente	Médico	Fecha	Hora	Estado
María González	Dr. Rodríguez	15 Sep 2025	10:00 AM	Confirmada
Carlos López	Dra. Martínez	15 Sep 2025	11:30 AM	Pendiente
Ana Fernández	Dr. Hernández	15 Sep 2025	2:15 PM	Completada
Jorge Díaz	Dra. García	16 Sep 2025	9:00 AM	Confirmada

[Cerrar Sesión](#)

Vista contraseña incorrecta

Usuario o contraseña incorrecta

Entrar por medio de ubuntu

```
melman@LAPTOP-JJC7E0V3: /home/taller3agos_dic_2025/pweb
melman@LAPTOP-JJC7E0V3:~$ cd .
melman@LAPTOP-JJC7E0V3:~$ cd /home
melman@LAPTOP-JJC7E0V3:/home$ ls
melman  taller3agos_dic_2025
melman@LAPTOP-JJC7E0V3:/home$ cd /taller3agos_dic_2025
-bash: cd: /taller3agos_dic_2025: No such file or directory
melman@LAPTOP-JJC7E0V3:/home$ cd taller3agos_dic_2025
melman@LAPTOP-JJC7E0V3:/home/taller3agos_dic_2025$ cd pweb
melman@LAPTOP-JJC7E0V3:/home/taller3agos_dic_2025/pweb$ code .
melman@LAPTOP-JJC7E0V3:/home/taller3agos_dic_2025/pweb$
```

Mysql instalacion

```
melman@LAPTOP-JJC7E0V3:/home/taller3agos_dic_2025/pweb$ sudo apt install mysql-server
[sudo] password for melman:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
mysql-server is already the newest version (8.0.43-0ubuntu0.24.04.1).
0 upgraded, 0 newly installed, 0 to remove and 102 not upgraded.
```

npm init -y

```
melman@LAPTOP-JJC7E0V3:/home/taller3agos_dic_2025/pweb$ npm init -y
Wrote to /home/taller3agos_dic_2025/pweb/package.json:

{
  "name": "pweb",
  "version": "1.0.0",
  "main": "index.js",
  "scripts": {
    "dev": "nodemon src/app.js"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "dependencies": {
    "body-parser": "^2.2.0",
    "express": "^5.1.0",
    "express-session": "^1.18.2",
    "mysql": "^2.18.1"
  },
  "devDependencies": {
    "nodemon": "^3.1.10"
  },
  "description": ""
}
```

npm install express mysql body-parser express-session

```
melman@LAPTOP-JJC7E0V3:/home/taller3agos_dic_2025/pweb$ npm install express mysql body-parser express-session
up to date, audited 115 packages in 5s

20 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```

Mysql base de datos ;

```
nelman@LAPTOP-JJC7E0V3:/home/taller3agos_dic_2025/pweb$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 27
Server version: 8.0.43-0ubuntu0.24.04.1 (Ubuntu)

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owners.

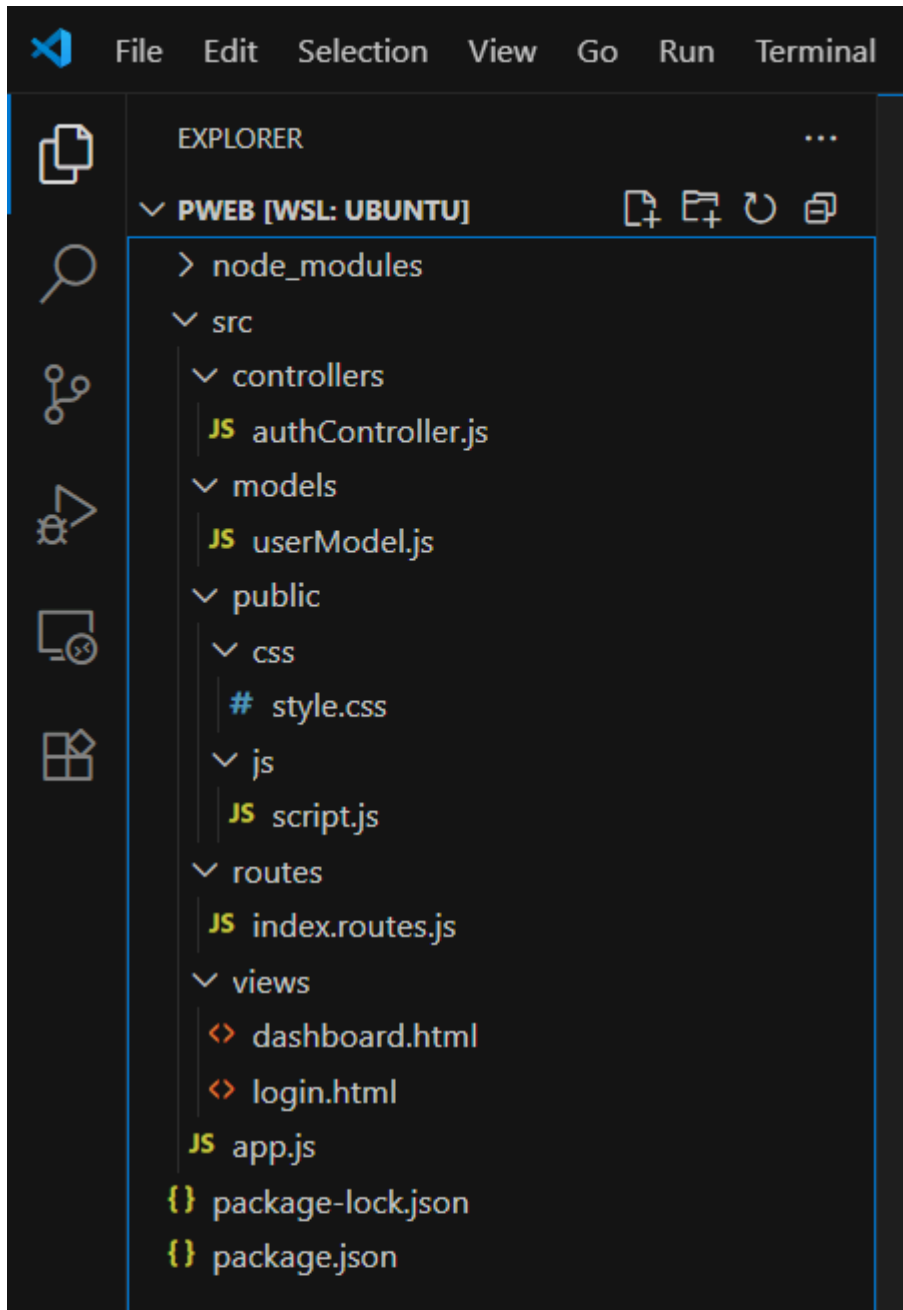
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| db_clinica |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
1 row in set (0.00 sec)
```

```
mysql> use db_clinica;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT * FROM users;
+-----+-----+-----+
| id | username | password |
+-----+-----+-----+
| 1 | admin | 1234 |
+-----+-----+-----+
1 row in set (0.00 sec)
```

Organización de archivos



Mysql operando:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 1
^C
❖ melman@LAPTOP-JJC7E0V3:/home/taller3agos_dic_2025/pweb$ sudo systemctl status mysql
[sudo] password for melman:
• mysql.service - MySQL Community Server
  Loaded: loaded (/usr/lib/systemd/system/mysql.service; enabled; preset: enabled)
  Active: active (running) since Tue 2025-09-09 20:02:49 CST; 20h ago
  Process: 12934 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=exited, status=0/SUCCESS)
  Main PID: 12943 (mysqld)
  Status: "Server is operational"
  Tasks: 38 (limit: 9132)
  Memory: 363.3M (peak: 378.9M)
  CPU: 2min 1.010s
  CGroup: /system.slice/mysql.service
          └─12943 /usr/sbin/mysqld

Sep 09 20:02:48 LAPTOP-JJC7E0V3 systemd[1]: Starting mysql.service - MySQL Community Server...
Sep 09 20:02:49 LAPTOP-JJC7E0V3 systemd[1]: Started mysql.service - MySQL Community Server.
lines 1-14...skipping...
• mysql.service - MySQL Community Server
  Loaded: loaded (/usr/lib/systemd/system/mysql.service; enabled; preset: enabled)
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 1
~
~
~
lines 1-14/14 (END)
• mysql.service - MySQL Community Server
  Loaded: loaded (/usr/lib/systemd/system/mysql.service; enabled; preset: enabled)
  Active: active (running) since Tue 2025-09-09 20:02:49 CST; 20h ago
  Process: 12934 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=exited, status=0/SUCCESS)
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Sep 09 20:02:49 LAPTOP-JJC7E0V3 systemd[1]: Started mysql.service - MySQL Community Server.
~
~
```