

UNIVERSIDAD AUTÓNOMA DE CHIAPAS

FACULTAD DE CONTADURÍA Y ADMINISTRACIÓN
CAMPUS I

LICENCIATURA EN INGENIERIA EN DESARROLLO
Y TECNOLOGÍAS DE SOFTWARE

TALLER DE DESARROLLO 3

DOCENTE
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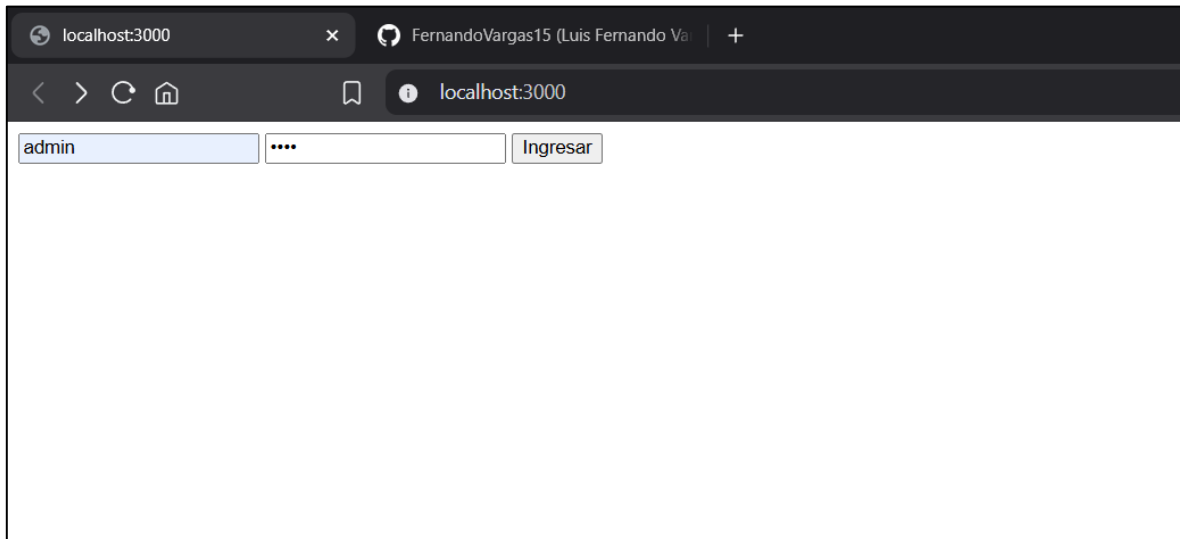
ALUMNO
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CONFIGURA MVC EN NODE JS USUARIO CON BD MYSQL

5 - M

TUXTLA GTZ, CHIAPAS A 11 DE SEPTIEMBRE DE 2025

1. Página de usuario y contraseña.

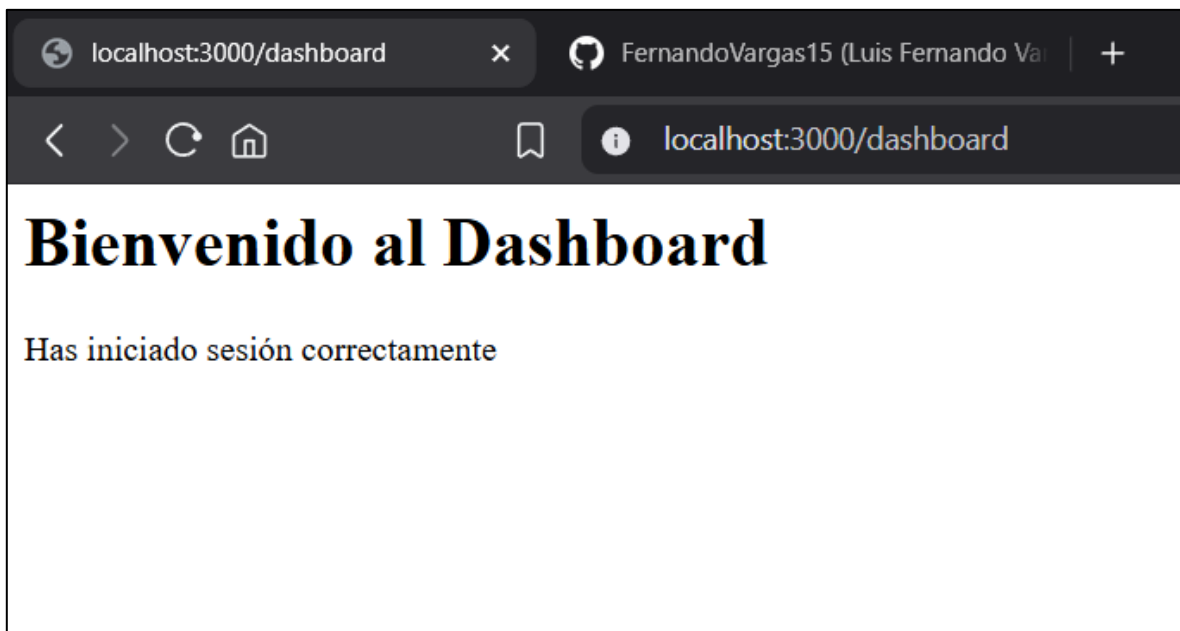


localhost:3000

admin

....

Ingresar



2. Base de datos

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

mysql>
```

```
mysql> show tables;
+-----+
| Tables_in_db_clinica |
+-----+
| users |
+-----+
1 row in set (0.00 sec)

mysql>
```

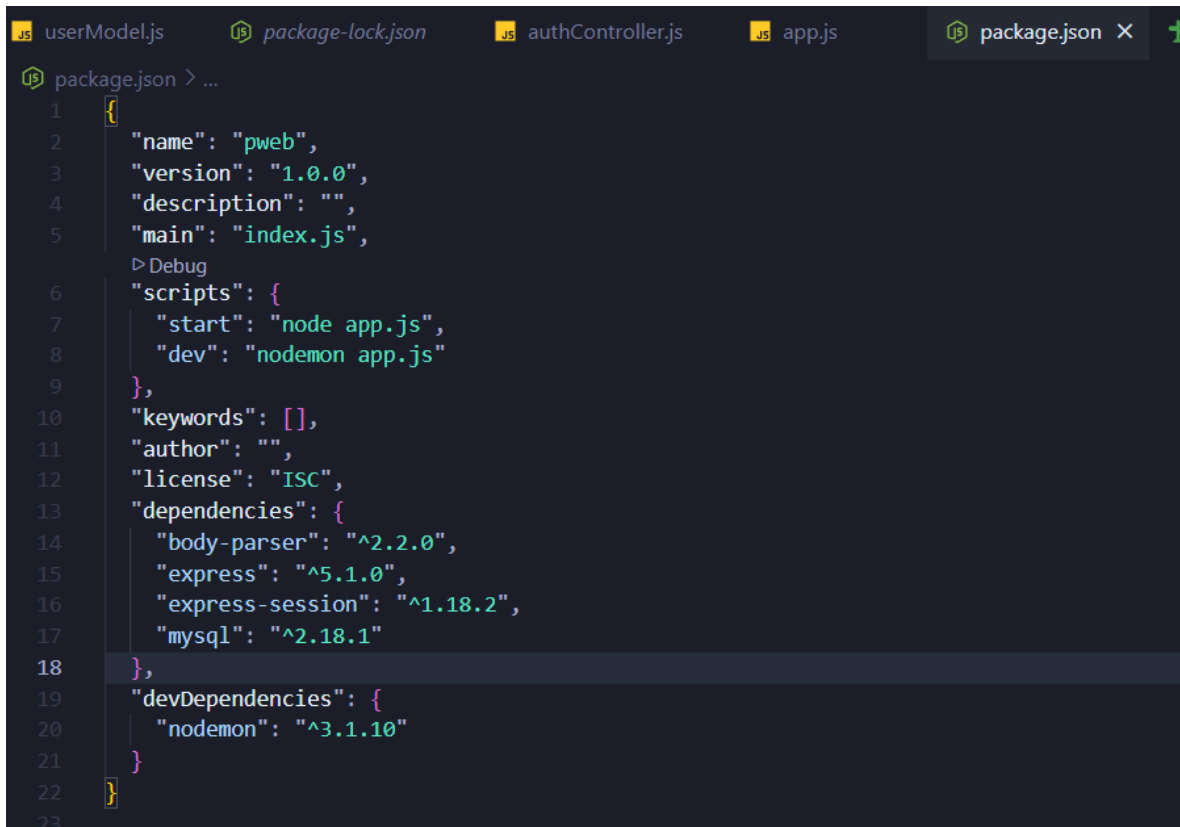
```
mysql> describe users;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id    | int  | NO   | PRI | NULL    | auto_increment |
| username | varchar(50) | YES |  | NULL    |  |
| password | varchar(50) | YES |  | NULL    |  |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)
```

```
mysql> select * from users;
+----+-----+-----+
| id | username | password |
+----+-----+-----+
| 1  | admin    | 1234     |
+----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

3. Librerías instaladas.

Package.json



```
package.json > ...
1  {
2    "name": "pweb",
3    "version": "1.0.0",
4    "description": "",
5    "main": "index.js",
6    "scripts": {
7      "start": "node app.js",
8      "dev": "nodemon app.js"
9    },
10   "keywords": [],
11   "author": "",
12   "license": "ISC",
13   "dependencies": {
14     "body-parser": "^2.2.0",
15     "express": "^5.1.0",
16     "express-session": "^1.18.2",
17     "mysql": "^2.18.1"
18   },
19   "devDependencies": {
20     "nodemon": "^3.1.10"
21   }
22 }
```

```
● fernando@LAPTOP-PLVP04RP:~/pweb$ npm list
pweb@1.0.0 /home/fernando/pweb
├── body-parser@2.2.0
├── express-session@1.18.2
├── express@5.1.0
├── mysql@2.18.1
└── nodemon@3.1.10
```

4. Conexión a base de datos (utilice WSL).

```
models > JS userModel.js > ...
1 // models/userModel.js
2
3 const mysql = require('mysql');
4
5 const db = mysql.createConnection({
6   host: '127.0.0.1',
7   user: 'root',
8   password: '8191',
9   database: 'db_clinica'
10 });
11
12 db.connect();
13
14 module.exports = {
15   findUser: (username, password, callback) => {
16     db.query(
17       'SELECT * FROM users WHERE username = ? AND password = ?',
18       [username, password],
19       (err, results) => {
20         if (err) throw err;
21         callback(results);
22       }
23     );
24   }
25 };
```