



## **UNIVERSIDAD AUTÓNOMA DE CHIAPAS**

### **Taller de Desarrollo 3**

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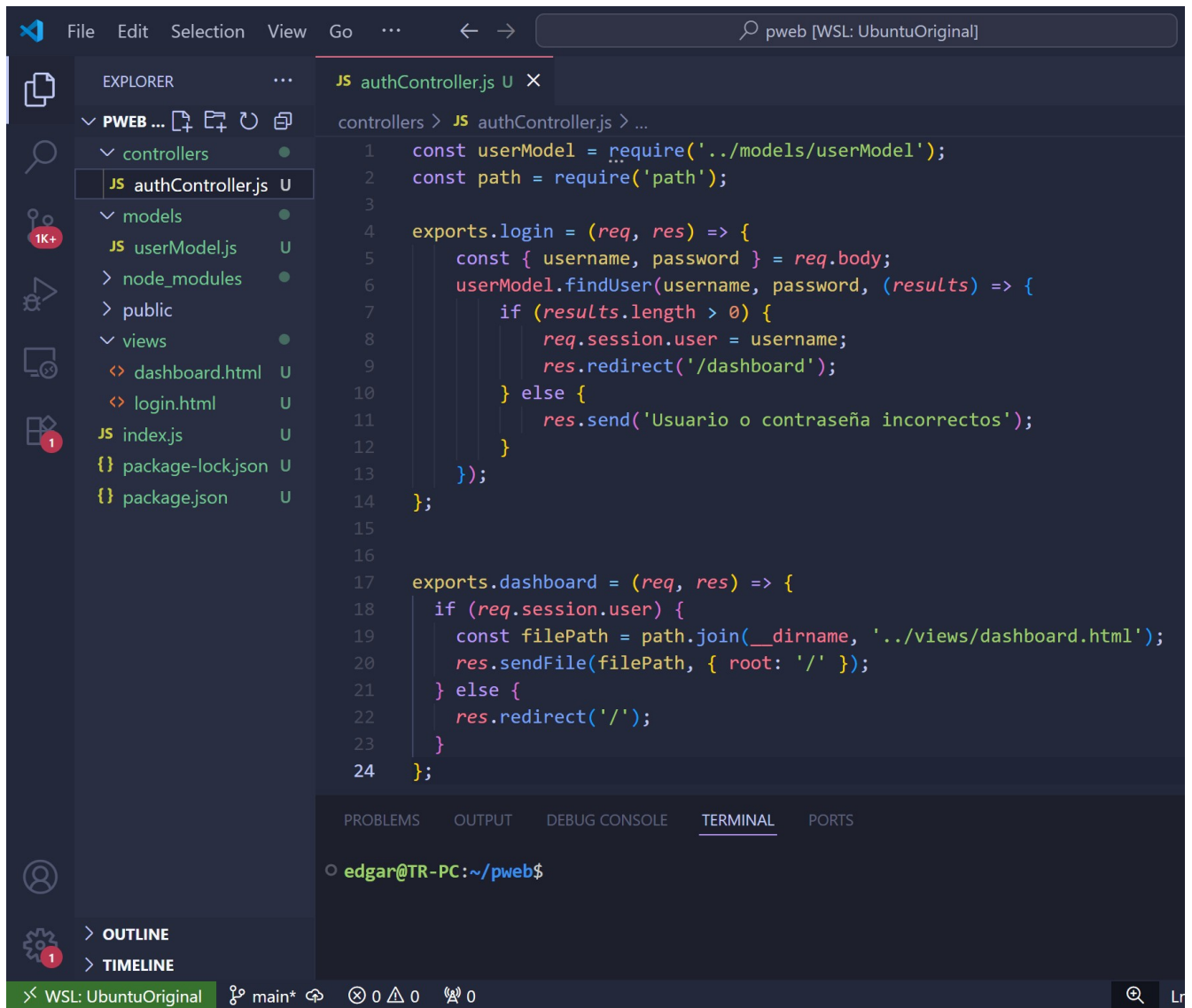
**Configura MVC en NODE Js usuario con Bd mysql**

**[Edgar Yahir Altunar Gomez](#)**

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## Código MVC

### Controlador del login



```
File Edit Selection View Go ... ← → pweb [WSL: UbuntuOriginal]

EXPLORER
PWEB ...
  controllers
    JS authController.js U
  models
    JS userModel.js U
  node_modules
  public
  views
    dashboard.html U
    login.html U
  index.js U
  package-lock.json U
  package.json U

controllers > JS authController.js > ...
1  const userModel = require('../models/userModel');
2  const path = require('path');
3
4  exports.login = (req, res) => {
5    const { username, password } = req.body;
6    userModel.findUser(username, password, (results) => {
7      if (results.length > 0) {
8        req.session.user = username;
9        res.redirect('/dashboard');
10     } else {
11       res.send('Usuario o contraseña incorrectos');
12     }
13   });
14 };
15
16
17 exports.dashboard = (req, res) => {
18   if (req.session.user) {
19     const filePath = path.join(__dirname, '../views/dashboard.html');
20     res.sendFile(filePath, { root: '/' });
21   } else {
22     res.redirect('/');
23   }
24 };

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
o edgar@TR-PC:~/pweb$

WSL: UbuntuOriginal main* 0 0 0
```

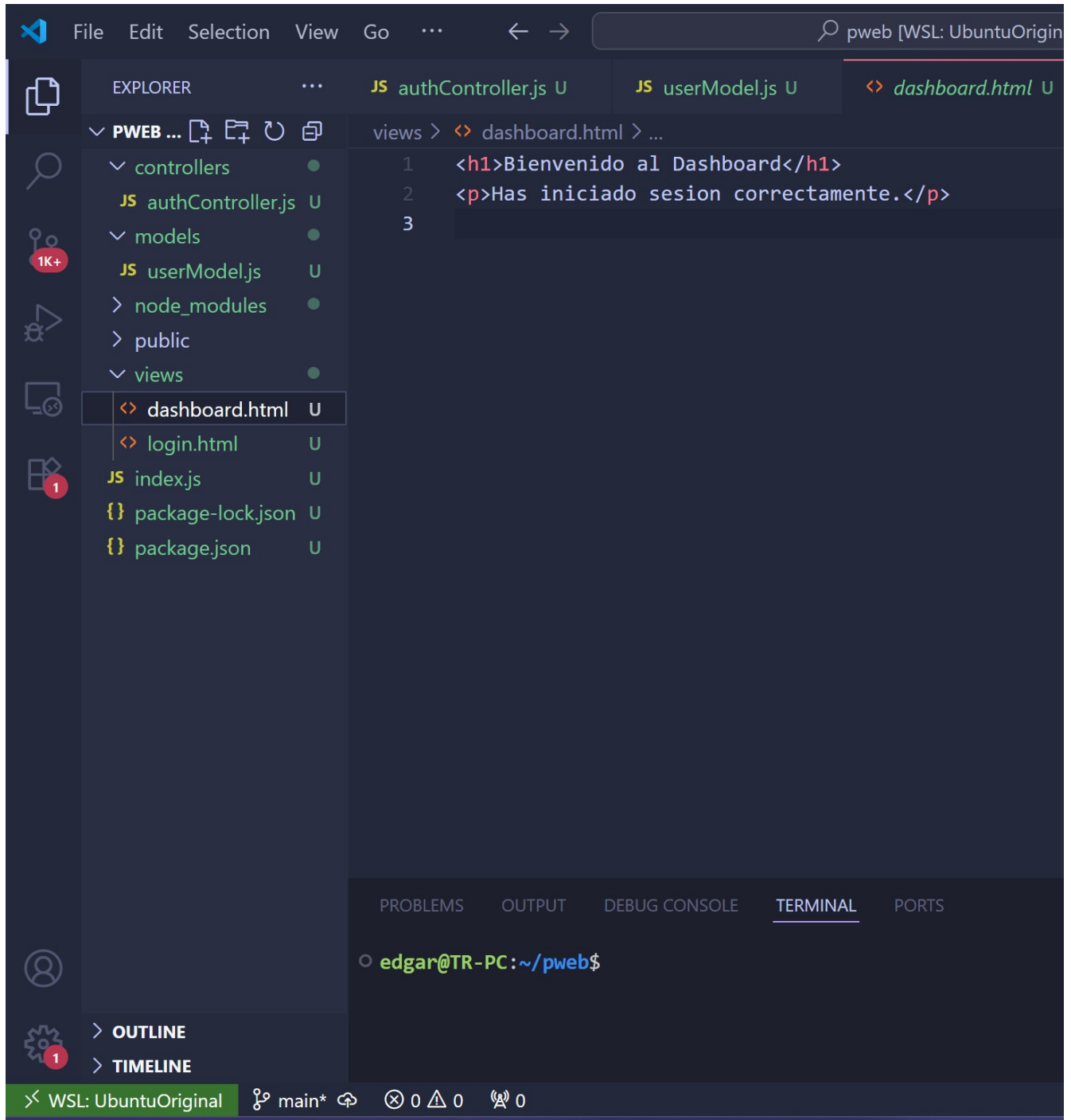
## Vista del Login

The image shows a Visual Studio Code editor window with the following components:

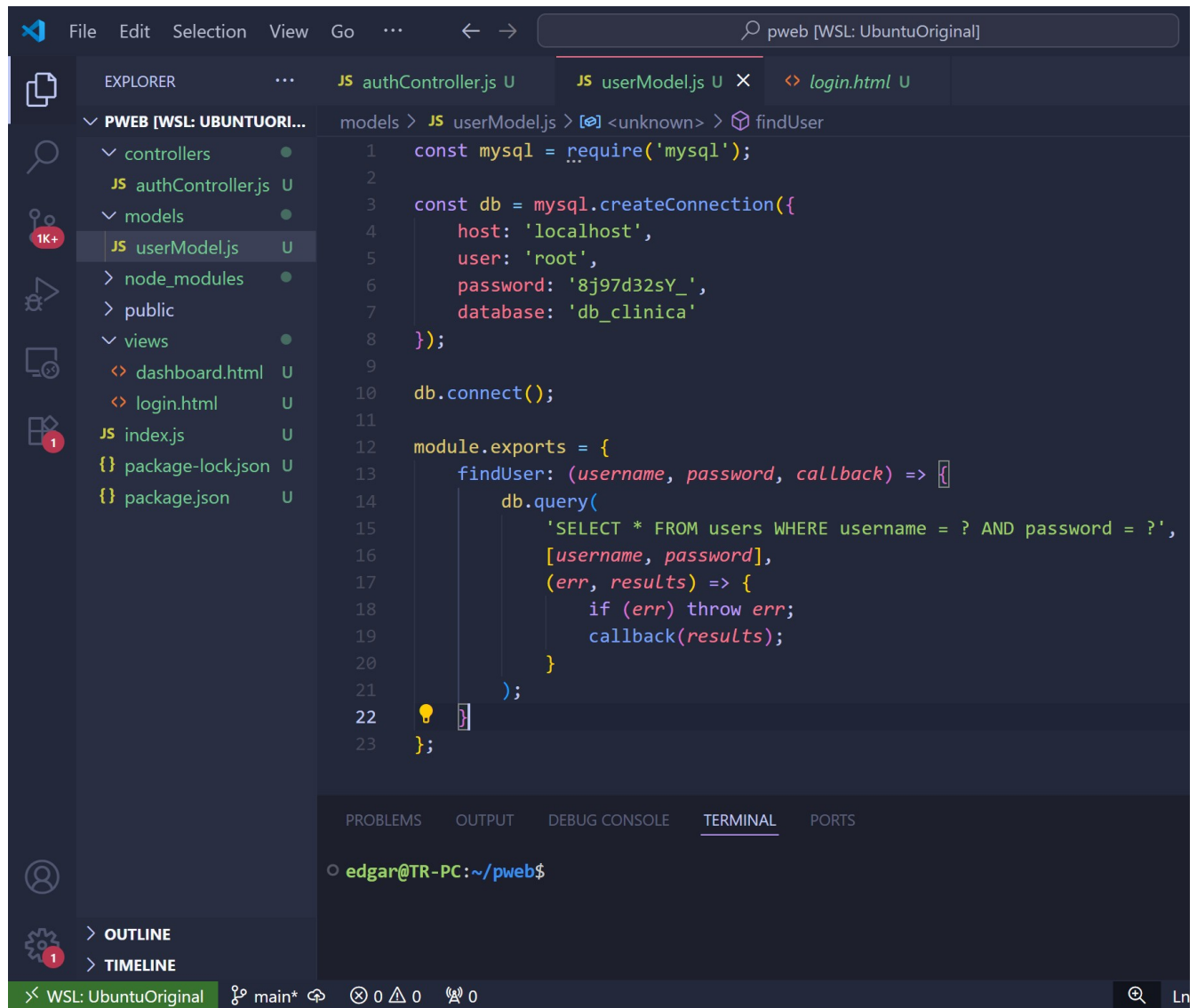
- Explorer:** Displays the file structure of the project 'pweb [WSL: UbuntuOriginal]'. The 'views' directory is expanded, showing 'login.html' selected.
- Editor:** Displays the content of 'login.html', which is an HTML form with the following code:

```
1 <form method="POST" action="/login">
2   <input type="text" name="username" placeholder="Usuario" required />
3   <input type="password" name="password" placeholder="Contraseña" required />
4   <button type="submit">Ingresar</button>
5 </form>
```
- Terminal:** Shows the command prompt for the user 'edgar@TR-PC' in the directory '~/pweb\$'.
- Bottom Bar:** Indicates the current workspace is 'WSL: UbuntuOriginal' and the active file is 'main\*'.

## Vista del Dashboard



## Modelo del Usuario



The image shows a Visual Studio Code editor window with a dark theme. The Explorer sidebar on the left displays the file structure of a project named 'PWEB [WSL: UBUNTUORIGINAL]'. The project contains folders for 'controllers', 'models', 'node\_modules', 'public', and 'views'. The 'models' folder is expanded, showing 'authController.js', 'userModel.js', and 'index.js'. The 'userModel.js' file is selected and its content is displayed in the main editor. The code defines a MySQL database connection and a 'findUser' function. The terminal at the bottom shows the command prompt 'edgar@TR-PC:~/pweb\$'.

```
1  const mysql = require('mysql');
2
3  const db = mysql.createConnection({
4    host: 'localhost',
5    user: 'root',
6    password: '8j97d32sY_',
7    database: 'db_clinica'
8  });
9
10 db.connect();
11
12 module.exports = {
13   findUser: (username, password, callback) => {
14     db.query(
15       'SELECT * FROM users WHERE username = ? AND password = ?',
16       [username, password],
17       (err, results) => {
18         if (err) throw err;
19         callback(results);
20       }
21     );
22   }
23 };

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
edgar@TR-PC:~/pweb$
```

## Librerías Instaladas

The image shows a Visual Studio Code editor window with a project named "pweb" open. The Explorer sidebar on the left shows the project structure, including folders like controllers, models, node\_modules, public, and views, and files like authController.js, userModel.js, index.js, package-lock.json, and package.json. The package.json file is selected and its content is displayed in the main editor. The package.json file contains the following JSON:

```
{
  "name": "pweb",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \\\"Error: no test specified\\\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "dependencies": {
    "body-parser": "^2.2.0",
    "cors": "^2.8.5",
    "express": "^5.1.0",
    "express-session": "^1.18.2",
    "mysql": "^2.18.1"
  },
  "devDependencies": {
    "nodemon": "^3.1.10"
  }
}
```

The terminal at the bottom shows the command prompt for the user "edgar" on the machine "TR-PC" in the directory "~/pweb".

## Base de datos

```
mysql> use db_clinica;
```

```
Database changed
```

```
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 (0.01 sec)
```