

# Assignment 11: Creating a Database Driven Website

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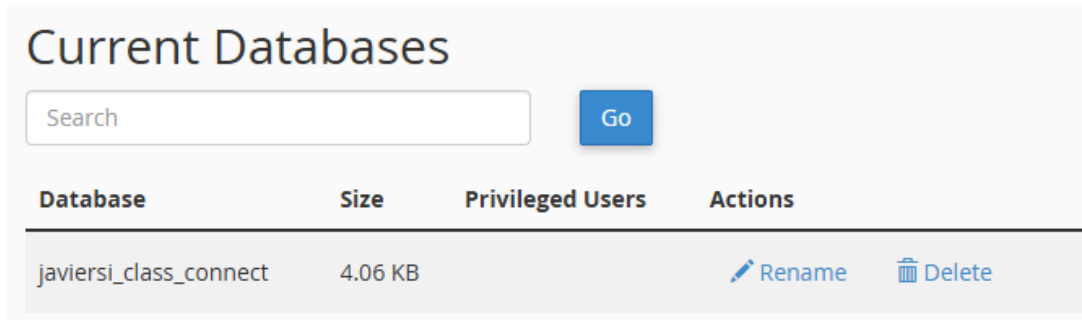
URL (main branch): [https://github.com/javisin22/csc372\\_projects](https://github.com/javisin22/csc372_projects)

URL (client\_site\_v8): [https://github.com/javisin22/csc372\\_projects/tree/client\\_site\\_v8](https://github.com/javisin22/csc372_projects/tree/client_site_v8)

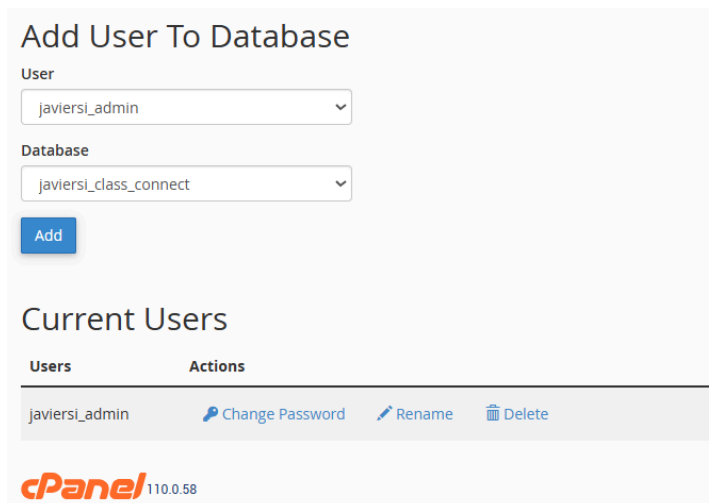
URL (live site): [here](#)

## Part I: Setting Up Your Database

- Screenshot showing my current database (i.e., *MySQL Databases* → *Current Databases*):



- Include a screenshot(s) showing your current user added to this database (i.e., *MySQL Databases* → *Add User To Database & Current Users*).



- What privilege(s) did you give your user account? Why?

I gave the user all privileges as he's going to be an admin. This way, I won't encounter any errors related to that issue.

- Describe at least TWO tables you will create and use in your database. Your description should include what data the tables will contain and how this data will be relevant to your client site.

I will create the tables "users", "tutors" and "appointments" at the moment.

- **users:** holds every user's core information such as the id, name, email, password and role. The role distinguishes students, tutors and admins.
- **appointments:** links a student to a tutor in a given time slot, with a status. Stores student\_id, tutor\_id, start\_time, end\_time and status.

This data will clearly be relevant to my client website as before I was using local/session storage to save the appointments and the login didn't do any checks on the data entered. This way, I'll be able to successfully build a login system and the appointments will be stored in the database too.

- Create at least TWO tables in your database.
- Once you have created the data, include screenshot(s) of all the tables you created. Your screenshot(s) must include each table's contents and structure:
  - Each row and column of the table with their existing values.

Showing rows 0 - 0 (1 total, Query took 0.0005 seconds.)

```
SELECT * FROM `appointments`
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	id	student_id	tutor_id	start_time	end_time	status
<input type="checkbox"/> Edit Copy Delete	1	3	2	2025-04-22 10:30:00	2025-04-22 11:30:00	confirmed

↑ ☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Showing rows 0 - 2 (3 total, Query took 0.0007 seconds.)

```
SELECT * FROM `users`
```

☐ Profiling [ [Edit inline](#) ] [ [Edit](#) ] [ [Explain SQL](#) ] [ [Create PHP code](#) ] [ [Refresh](#) ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	id	name	email	password	role
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1	javier	javier.sinpelayo@uri.edu	javier	admin
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	2	claudia	clau@gmail.com	claudia	tutor
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3	ana	ana@gmail.com	ana	student

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

- Each column name, data type and field size.

Recent Favorites

javersi\_class\_connect

New

appointments

users

Table structure

Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	student_id	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	tutor_id	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	start_time	datetime			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	end_time	datetime			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 6	status	enum('pending', 'confirmed', 'canceled', 'complete...')	utf8_unicode_ci		No	pending			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all | With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#)

[Spatial](#) [Fulltext](#)

[Print](#) [Propose table structure](#) [Move columns](#) [Normalize](#)

[Add](#) 1 column(s) after status [Go](#)

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	PRIMARY	BTREE	Yes	No	id	0	A	No	
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	student_id	BTREE	No	No	student_id	0	A	No	
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	tutor_id	BTREE	No	No	tutor_id	0	A	No	

Create an index on 1 columns [Go](#)

Recent Favorites

javersi\_class\_connect

New

appointments

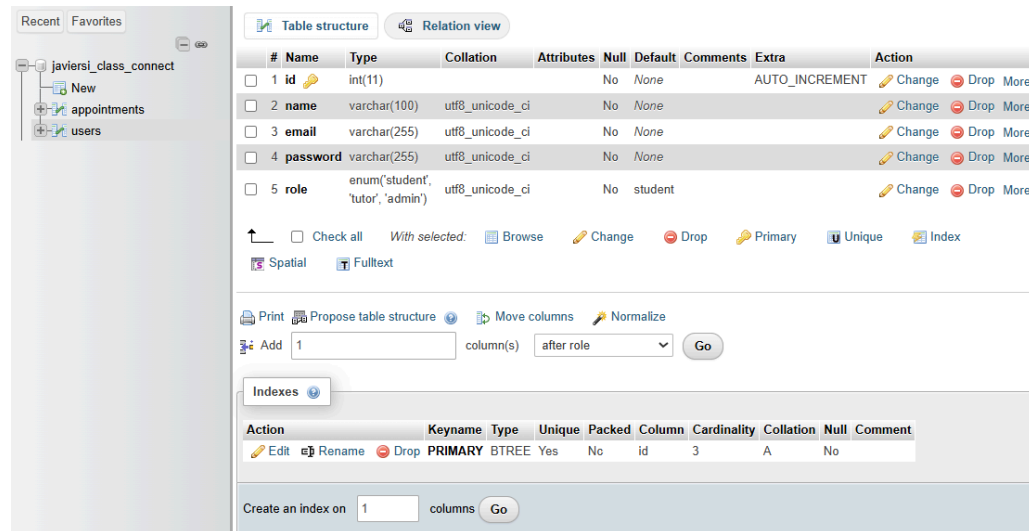
users

Table structure

Relation view

Foreign key constraints

Actions	Constraint properties	Column	Foreign key constraint (INNOBDB)		
			Database	Table	Column
<a href="#">Drop</a>	ON DELETE RESTRICT	student_id	javersi_class_o	users	id
	ON UPDATE RESTRICT				
		+ Add column			
<a href="#">Drop</a>	ON DELETE RESTRICT	tutor_id	javersi_class_o	users	id
	ON UPDATE RESTRICT				
		+ Add column			



## Part III: Hosting Your Site

For this assignment, as my original site is a Next.js + React.js app needing a Node.js runtime, I haven't been able to incorporate this in the original site itself. However, I have added a link in the main page where the PHP form page can be accessed.

- ClassConnect: <https://classconnect-18h8.onrender.com>
- Link to manually access the PHP page:  
[https://javersinpelayo.rhody.dev/csc372\\_projects/client\\_site/data.php](https://javersinpelayo.rhody.dev/csc372_projects/client_site/data.php)