

# Workshop: PHP - PDO

Brainster Web Development Academy



# Exercise 1

Create a simple application that will take care of creating, reading, updating and deleting users from a database (create CRUD operations for users).

- First, create an index.php file containing an html form that will have inputs for a user's name and surname, email and location.
- The location input should be a dropdown with predefined cities. You should store the cities in a separate database table. There is no need to create CRUD operations for this table, the cities will be inserted only once directly in the database.
- When storing the user in the database, you should also store the registration date.
- After a successful insert into the database, redirect the user back to the index.php file where you will also list all of the users, below the create user form.
- Use SESSION to store and print success and error messages.

Name

Surname

Email

Location

Los Angeles

▼

Save





# Exercise 1

- ◈ The table listing all of the users should appear below the create user form in the index.php file and should look like the image below.
- ◈ There should be actions to view, edit and delete any particular user.
- ◈ Clicking the view button takes you to a view-user.php file that will show all the information about the user in a card-like style. You need to transfer the id of the user using query string so that you know which user to show.
- ◈ The edit button takes you to a page having a form same as the create user form, except that here the values are pre-populated. Location dropdown is still filled with values from the locations database table, but the user's location should be pre-selected.
- ◈ The delete user button takes you to a page where the user should be deleted, a success or error SESSION message should be set and the visitor should be taken back to the index page.
- ◈ It would be great if you can create all of these operations using the OOP programming model.

#	Name	Surname	Email	Location	Actions
1	John	Doe	john@example.com	Los Angeles	<button>View</button> <button>Edit</button> <button>Delete</button>
2	Jane	Doe	jane@example.com	New York	<button>View</button> <button>Edit</button> <button>Delete</button>
3	Alice	Burton	alice@example.com	Washington	<button>View</button> <button>Edit</button> <button>Delete</button>