



## Unit 4. Access to databases through PHP

Write the proper scripts to perform the following tasks:

1. Using a drop-down list, show *YourStore* customers' cities in alphabetical order and no repetitions. After choosing one of them, a list of all of the customers' names and telephones in the selected city will be displayed.
2. Using a drop-down list, show *YourStore* providers' names in alphabetical order. After choosing one of them, a list of all of its products will be displayed.

Write a project to develop an **Event Management System** that stores information about events, organizers, and registered attendees.

The database will have three main tables:

1. **Organizers** (*organizers*):
  - *id\_organizer* (INT, primary key, auto-increment)
  - *name* (VARCHAR(100))
  - *email* (VARCHAR(100))
  - *phone* (VARCHAR(15))
2. **Events** (*events*):
  - *id\_event* (INT, primary key, auto-increment)
  - *name* (VARCHAR(150))
  - *date* (DATE)
  - *location* (VARCHAR(255))
  - *id\_organizer* (INT, foreign key referencing *organizers*)
3. **Attendees** (*attendees*):
  - *id\_attendee* (INT, primary key, auto-increment)
  - *name* (VARCHAR(100))
  - *email* (VARCHAR(100))
  - *phone* (VARCHAR(15))
  - *id\_event* (INT, foreign key referencing *events*)



## Requirements

### 1. Database and Table Creation

Create a PHP script to create the database and the tables with their relationships.

### 2. Data Insertion

Create PHP forms to:

- Add organizers.
- Create events and assign them to an organizer.
- Register attendees for an event.

### 3. Data Queries and Display

Display lists of:

- All scheduled events with their organizers.
- All attendees registered for each event.
- All events on a specific date.

### 4. Updating and Deleting Records

- Implement forms to modify:
  - Organizer details.
  - Event information.
  - Attendee details.
- Add options to delete events and attendees.