

AJAX Zipper

A.) Create a web based, AJAX enabled form for collecting city-state-zip code.

The form should have a text input for the city then use AJAX to fetch states with the specified city. Use the retrieved states to populate a state drop-down control. After a state is selected use AJAX to fetch the zip codes for the specified city and state. Populate a zip code drop down control with the fetched zip codes.

Use HTML and Javascript to “guide” (validate) your user’s input and validate all user input on the server. Use prepared statements for all SQL queries that use values received from the user.

Use appropriate CSS to style your form.

The city-state-zip data should be queried from the zipjax database.

The zipjax database contains one table, *uszipcodes*.

Table: uszipcodes

Field	Type	Null	Key	Default	Extra
RECID	int(11)	NO	PRI	NULL	auto_increment
zip	varchar(5)	NO		NULL	
city	varchar(32)	NO		NULL	
state	varchar(32)	NO		NULL	
state_code	varchar(2)	NO		NULL	

You must store your database credentials in a separate PHP file, not in the above programs.

```
hostname: localhost
username: web
password: hg65dbaE
database name: zipjax
```

SQL queries:

```
SELECT DISTINCT state FROM uszipcodes WHERE city='Florence' ORDER BY state_code
```

```
SELECT zip FROM uszipcodes WHERE city='Florence' AND state='Alabama' ORDER BY zip
```

★ Validate your HTML and CSS using the W3C validator.

Due date:

Completed web pages - Friday 17th by 11:59 p.m.

Assignment submission:

Create a folder “zipper” in your public_html folder.

Upload the files to your public_html/zipper folder on the CS server.

Assignment evaluation:

Your HTML and CSS must pass the w3c validators in order to receive full credit.

Your Javascript and PHP should not emit warnings for errors.