

Advising Appointment Scheduler - PHP with a SQL database

A.) Create a web based system of PHP programs (web application) that allows students to schedule advising appointments. The following programs are required:

- A menu with the list available, list scheduled, add, edit, and delete operations
- A program to list available advising appointments
- A program to list scheduled advising appointments
- A program to add a new advising appointment
- A program to edit (modify) an existing advising appointment
- A program to delete a scheduled advising appointment

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 application pages.

You may save the HTML header and HTML footer in separate PHP files (recommended).

The tables in the advising database are named *students*, and *appts* and are described below.

Table: *students*

Field	Type	Null	Key	Default	Extra
ID	int(11)	NO	PRI	NULL	auto_increment
name	varchar(64)	NO		NULL	
email	varchar(64)	NO		NULL	
Lnum	int(11)	NO		NULL	

Table: *appts*

Field	Type	Null	Key	Default	Extra
PK	int(11)	NO	PRI	NULL	auto_increment
start	datetime	NO		NULL	
end	datetime	NO		NULL	
SID	int(11)			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: advising

★ Validate your HTML and CSS using the W3C validator.

Due date:

Completed web pages - Friday 3rd by 11:59 p.m.

Assignment submission:

Create a folder “appointments” in your public_html folder.

Upload the files to your public_html/appointments 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.