**The student can create any type of web-based application that is not offensive or illegal**

It is a good idea to run your concept with your Professor to see if your idea/concept is acceptable for grading. Send your Professor your idea and he will give you feedback on it.

The purpose of the Term Project is for the student to demonstrate mastery of HTML, CSS and JavaScript.

**Front end requirements**

* Must have JavaScript that involves at least 15 distinct functions that have a purpose, not just one or 2 lines of code. What I mean: Do not just create 15 functions since I require it. Your functions must be part of your algorithm and have a solid reason to be there.
* Can be an SPA (Single-Page application, that uses ReactJS, Angular 9.x, etc..
* Must use CSS for all presentational elements. Students can use bootstrap, purecss, materialize, etc..
* The CSS must have 5 uses of each of the different types of CSS selectors (ID, attribute, descendant, adjacent, etc..)

**15 functions**

1. ~~Function to submit form (handler) “thank you for submitting”~~
2. ~~Function to monitor length of entry in text area to limit amount of text~~
3. Email validation function
4. Image hover over popup
5. Basic page: Pop div (schedule private lesson and register)
6. Basic page: Submit schedule & register
7. Basic page: cancel floating div and remove from layout
8. Puppy preschool page: accordion
9. Location map (system for directions..map)
10. Location close

Fix all contact forms from Contact Page

**Backend requirements**

* You do not need to submit a backend application with your solution. If you do, you will not receive any extra credit for it.

**Things you should not use in your project**

* alert(), confirm() or prompt()
* Do not submit a Term project that only has ID and class selectors.
* Do not submit a project that does not have any event handlers.

**General Requirements**

* The application the student submits must function with no errors or warnings.
* The application must do something. The application must have a purpose.