Project – Phase three

# Objective

In the last phase, you are expecting to show the complete Website, showing the full capability of the server-side scripting language to achieve the tasks that were not possible before.

# Requirements

* APIs and AJAX
  + Use 2-3 APIs in your Website that are deeply related
  + Communicate with server for filling out different sections like suggested search, username already in use, etc. (4-5 uses)
* PHP features (if you are not able to cover a feature then add something else in return but only 1-2 only)
  + ~~12~~ 8 Web pages
  + Maintaining user and admin profiles (inserting, deleting and update records in DB)
  + Allow users to upload files to server
  + Maintain sessions and storing user credentials in cookies for login
  + ~~Form validation, form completion and using AJAX where needed~~
  + Showing server stats like time, counter, total registered users, collective ratings from users, etc. (~~4-6~~ 2 uses)
  + Generating dynamic content using DB content. This can be in the form of shopping carts, updated schedule, transaction history, etc. (~~10~~ 4 uses)
  + Use good coding standards like commenting, OOP, exception handling, etc throughout your project.
  + ~~Use HTTPS and SSL for encryption and communication where applicable (1 use)~~
* Database
  + Have ~~6+~~ 3+ tables with relationships with one another
  + Use primary, foreign keys where needed
  + Create stored procedures for different operations (~~10-20~~) (4-6)
  + Handle conditions where user is try to delete primary key that may affect another table (cascading, restrict, etc.) ~~(3-4 cases)~~ (1 case)
  + Handle DB error using die method
* HTML, CSS, Javascript
  + Your existing code for responsive design, stylesheet, even triggers is still effective with the final design.
* Quality
  + Your website should look good aesthetically with appropriate design layout, color choices, responsive design and being user-friendly
  + Sending inappropriate inputs should not cause Websites or DB to crash. Moreover, measures have been taken to cater DB errors and exception handling.
  + Its one thing to make a good looking Website, and another to provide the necessary functions that are expected from the Website. For example, if you are creating a movies Website then a person may expect to see movies schedule, movie ratings, cast information, actors profiles, top charts, etc.

# Grading

|  |  |  |
| --- | --- | --- |
| No. | Description | Marks |
|  | Use of APIs and AJAX | 5 |
|  | PHP Features | 10 |
|  | Appropriately using Javascript, CSS and HTML | 5 |
|  | Use of Database | 5 |
|  | Quality (Aesthetics, error-free & security, functionality) | 10 |
|  | **Total** | **40** |

# Negative Grading

* Work was not divided equally
* A member not understanding a code that is written in the project

# Deadline

Vivas will be conducted in the lab on Monday and Tuesday class.