**University of Bahrain**

**Information Technology College**

**Computer Science Department**

**ITCS 333: Course Project**

**BASIC REQUIREMENTS:**

You should form groups of 5 to 7 students each.

**PROJECT MAIN GOAL:**

Use current web and Internet development tools and techniques to create a small web application.

**PROJECT THEME:**

**Responsive Web-Based Service Booking Website**

* Select your own theme
* The service can be a cleaning service, repair service, maintenance service, etc.
* Choose your own theme and design accordingly.

**The main functionalities of the system might include but not limited to the following:**

**1. Website design requirements:**

* Must be a responsive website (you can use either bootstrap or media queries).
* Make sure it’s responsive in at least 3 views (Global, Tablet, Mobile).
* Make it attractive looking and unified through all pages
* DON’T USE READY MADE TEMPLATES as the aim of this project is to learn designing from scratch. Any group violate this rule, will receive ZERO in the web design.

**2. Registration and Login**

* Users can register themselves to the system (must be validated using regular expressions in both client and server sides).
* You are not allowed to use bult in HTML5 validation (for training purposes).
* Users can login to the system (authorization)

**3. User Profile Management and Participations**

* Users can manage and edit their profile (change info/change password, add/edit profile picture).
* Users can browse survives summary.
* User can view survives details.
* User can only rate a survives (5-stars rating) only ONCE and only if they have booked and visited the place. User can rate one time for each visit. The rating must be added as cumulative rating, not as separate rating for each user.
* User can add any number of positive/negative comments only if they have booked and visited the place before.

# Service Reservation

* User can **search and** **choose** available date/time for his reservation.
* User can **print** the reservation confirmation online (Design your own layout)

# Admin Control

* Admin user can add new places details with pictures.

Note: All form Inputs should be **Validated** using regular expressions for all the functions you have implemented.

**MAIN PROGRAMMING TOOLS:**

Assume the website will live on an Apache server so it can only be implemented in PHP, HTML/CSS and or JavaScript along with the use of MYSQL database. YOU MUST USE PDO/PHP interface to access MYSQL.

**GRADING:**

Basically, the grade will be divided into the following areas:

1. **Final Implementation: (80%).**: The level of complexity and the number of the functions you implement using PHP, or database and/or JavaScript/Ajax (**min 2 Ajax functions + Input Validation**) + the **responsive** web design **(80%).**
2. Final **submission and Demonstration (20%).**: (complete code/DB + One Page Instructions) – Any delay or missing details in the submission will affect the overall grades of the project.

a. The instruction should include the following:

* 1. Team members details (Student ID, Name and Section)
  2. Online URL [for Testing] if applicable for final version
  3. Instructions to access your system (usernames/passwords of existing users for testing purposes)
  4. Instructions to setup your submitted code/DB in local computer.

**Deadline Saturday 24 December 2022**