

Topic Submission

IT-489-A

09/18/2015

Project description:

Soccer is the most popular sport in my country Saudi Arabia, especially for the youth. In Saudi Arabia, we have a lot of indoors and outdoors soccer fields, but the problem is if a person or a team want to reserve a field, they have to drive to the field location and look for availability and pay the amount in cash.

The project is to apply my web development knowledge and skills to create a website that makes the reservation process less complicated. The website will allow the customers to look for the field based on their location and pay to reserve the field via credit/ debit cards or via PayPal. In addition, the website will contain information about the field such as the fields' rate, size, number of players, pictures, location, and availability. In addition, it will allow customers to write reviews and ratings on the quality and services of the fields. The website will have a database of all of the fields in the most popular cities in Saudi Arabia. The users will search for the field by selecting the city they live in.

This project is very important for several reasons. First, this will allow field owners to have more customers by marketing their fields via social media and the website. Second, this will make the reservation and payment process less complicated. Third, gyms, fitness centers, and soccer clubs will post their advertisements on the website. Last, as a developer I will benefit from the website financially from either the customer or the owner by having 7% of each transaction the customer makes.

The novice that I should be aware of in this area is collecting the necessary information about the field to meet the dead line. This will require me to email the owners of the fields about the idea and tell them about the offer. In addition, I have to know how long it will take to develop the website and it is possible to finish the developing process before the end of this

semester. Being aware of the time limit will allow me to finish and present the website before the end of the semester.

Testing Hypothesis:

To start the project, I need to develop the website and implement all the right requirements. The project will attract field owners since they will benefit from the website. From past experience reserving the fields in my home town, I noticed every time I drive to rent a soccer field it was not available. The unavailability of the fields cost me gas money and it made me unprepared to gather the number of players. In addition, I did not have information on the field I am going to rent such as the size and rate of the field.

The website will be the best solution for the owners and most importantly the customers. The website will make the payment process faster. In addition, the website will organize the fields' time and will make the owners get rid of the pen and papers. Every time a customer reserves a field, an email of the customer information such as name and phone number will be sent to the owner. Also, the reservation date and time will be in the same email. This will enable the owners to manage the field in an easy way.

For the customers, the website will allow them to check if the field is available in they day they want to reserve it. They do not have to drive all the way to the location to rent the field. With one click on the website they can search for the field and have an idea of what the field will look like. Also, they will benefit from previous customers' reviews and pay the full amount online.

The website will meet the customer objective by delivering what the customer needs. The customers have an opportunity to reserve and manage their time by looking for the fields'

availability ahead of time. This will allow them to manage their teams and gather the players before the practice or game date.

Faculty mentor:

The faculty member who is going to supervise my project is Dr. Narock. I have already had an approval from Dr. Narock to supervise my work. The reason I chose Dr. Narock is that I have taken two courses in web development at Marymount University. These courses are IT-125 and IT-255, which focused on the basics and advanced skills to create a website. During these courses I learned a lot about web development and the languages used to create a website such as Html, CSS, JavaScript, and PHP. Also, I was engaged in projects assigned by Dr. Narock in these course which improved my skills in web development. That is why I want to apply the skills I learned in these courses to accomplish this project.

Project timeline:

In order to accomplish this project, I need to manage the time I have left in this semester. the project will involve development such as designing the website and creating the database necessary for the website. In addition to the development, I need to write and submit the assignments listed in the course syllabus. The development will take most of the time and effort in this case I have to start early to present the project on time.

Each week I will spend 7 to 9 hours developing and creating the website. The developing will include designing the pages' layout, gathering the necessary information, and creating the database for the website. In addition, I have to do the assignments listed in the syllabus two weeks before the due date to avoid any delays. the schedule below shows the assignments required, an estimate of the time will be spent to accomplish the assignments, and the due date that I have to submit the assignment:

Assignments	Time effort	Start Date	Due date
Topic Submission	3 Hours	Wednesday September 15, 2015	Friday September 18, 2015 by midnight
First Peer Review	3 Hours	When I receive the other student paper	Wednesday September 30, 2015 by midnight
Project Draft	8 Hours	Thursday October 8, 2015	Thursday October 22, 2015 by midnight
Peer Review	5 Hours	When I receive the other student's paper	Friday November 6, 2015 by midnight
Final Report	10 Hours	November 20, 2015	Final Report Friday December 4, 2015 by midnight
Project Presentation	5 Hours	N/A	December 7 to December 11, 2015 needs scheduling
Project Retrospective	2 hours	December 29, 2015	Friday December 11, 2015 by midnight