**Chapter 6 Other Project Issues**

* A part of planned activity that are undertaken and completed over a fixed period, within estimated cost and to achieve certain aim is known as project. An event or condition that has negative impact for the project and has already occur is known as project issues. This issue are maintainable through decision. Such as Poor quality, Poor Scope, Design & technical issues.

## **6.1 Project Issues**

The project issue that occurred during development of project are shown below:

* Some properties of bootstrap wasn’t supporting in the browser. So, I implemented latest version of bootstrap.
* Some Css changed weren’t being effected in google Chrome. I solve the problem by updating the browser and clearing the cache.
* I could not fetch or add the value from the database due to problem in Xampp. So, I install latest version of Xampp.
* Using command line interfce to interact with the database was fun yet challenging risk. This brought up issues of not knowing about the commands. To resolve the issue, documentation and pratcice was the key.

## **6.2 Limitation**

* Poor internet connection can lead to unaccess to the site.
* There is lack of privacy, reliability, and standard.
* Customer can’t use online transaction method.
* Owner may need big web server and other technical infrastructure.
* Customer can’t touch, see or test the things personally rather keep faith in the photo and the specification given.
* Website don’t have instant messaging service to connect with vendor.
* User can’t login through Facebook.

## **6.3 Risk Management**

* Risk are identified, evaluated, and prioritized according to impact of the risk and uncertainty which are monitor, avoid, minimize, control, etc this process is Risk Management. In another work Risk management helps to control the risk.

Risk management allows us to know about our project’s power, weakness, threats and opportunities. It allows us to be aware of the unexpected situation and be ready to solve. Risk management allow us know about the potential risk and what should be done to such problem. If risk management is effective then surely the project’s aim is achieved. Risk management is important by manager for gaining the aims of project depending on planning, Preparation, outcome and evaluation that helps to complete the project. Risk management is helps to be aware and gain success planning, maximum results. It maximize the opportunities and helps to assure that the uncertainty are deflected from effecting the project.

For the threat, include avoiding threat, reducing the effect, identify the future threats and identify how to solve such threat. Risk Management provides confident and help in decision making.

|  |  |
| --- | --- |
| **Value** | **Likelihood** |
| 1 | Low |
| 2 | Medium |
| 3 | High |

**Figure 6.3.1: Risk Likelihood**

|  |  |
| --- | --- |
| **Consequences** | **Value** |
| Very low | 1 |
| Low | 2 |
| Medium | 3 |
| High | 4 |
| Very high | 5 |

**Figure 6.3.2: Risk Consequences Values**

***Formula:Impact = Likelihood x Consequence***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SN** | **Risk** | **Likelihood** | **Consequence** | **Impact** | **Action** |
| 1 | Schedule Risk | 2 | 3 | 6 | Estimating the right time, individual work is checked and identified the complex. |
| 2 | Loss of data | 1 | 5 | 5 | Automation backup of data is kept regularly which helps to recover the data when loss. |
| 3 | Unauthorized access | 2 | 4 | 8 | All the information is encrypted and installing firewall in your devices. |
| 4 | Employee leaving with important information | 1 | 3 | 3 | Employees are aware about the team collaboration and sharing the information to each other. |
| 5 | Programmatic risk | 2 | 3 | 6 | * Maintaining the customer requirement frequently, fixing the bug * Advance technology is used. * Instant decision is made when uncertainty. |
| 6 | Operational Risk | 2 | 4 | 8 | Sufficient resource is used, take responsibilities and solve problem. |
| 7 | Unfinished daily work | 2 | 2 | 4 | Employee is given training, team collaboration is done. |
| 8 | Conflicting Requirement or incomplete | 2 | 4 | 8 | High manager make decisions and communication with customer is done. |
| 9 | Failure in hardware | 2 | 4 | 8 | Cost analysis is done and data is back up again. |

**Figure 6.3.3: Risk Management Table**

# **Future Work**

* Some feature weren’t introduce in the system due to lack of time and knowledge. Future work are such work which helps to enhance the system with new features and function. Future work help to make the system more advance over a period of time. Some of such future work are as follows:
* Rate and Comments on Bull’s Club: User can comment on the Bull’s Club providing his/her opinion regarding bull’s club . This couldn’t be achieve due to lack to time.
* Online transaction: User can pay the price of swimming and other sports activities through online transaction using PayPal, esewa. This function couldn’t ne achieve due to lack of cost, legal issue and time..
* Login with Facebook or Gmail: User can login into the site using Facebook quickly.
* Forgot Password: User can use forgot password to renew the password if user forgot or wants to renew password. This feature was unable to achieve due to lack of time and knowledge.
* Instant message service: User can communicate with the vendor easily and quickly.

## **Configuration Management**

* The process of organizing the assets in an operational environment is known as **configuration management.**

**Features**:

* It provides workflow of the project and make easy for review, approve and identify changes.
* It helps to access control to the folder for security purpose.
* It helps to identify and trace the changes to your baseline even when you are working on same task in that particular time.
* Also help to track the progress.

We decide the specific time/date and begin to organize the code, and place all the pieces task into one directory also be called control system. Now, with effort to this baseline, progress on project can be made and be sure that the changes are documented and managed properly. It helps to assure the documents are not **duplicated, prevent mistakes and rework**.

Following is the folders that manages the project:

**Chapter 7 Conclusion**

* Hence, Sport Shop management system was fully completed as initiated in the requirement. The website is the online Bull’s Club Swimming Pool through which user/customer can book swimming Pool and other various sport activities and they can view training facilities,events and sports facilities after registering and login. .Customer can create an account and view the things. The project allow admin to keep the detail of training activities which are viewed by user then they can book the satisfying one through online. This project helps to manage the Bull’s Club by decreasing workload, decrease total cost and time, increase productivity, automatic storing of customer data, etc. The project helps to make daily work of the Bull’s Club more easy & efficient and completely erase paper based task which is replace by automation recording. The system aims to provide quick service and make customer work easy and fast.

I used PHP, MySQL, css, etc for my project. I have written code using Sublime text application and used XAMPP for the database service. I used PHP using MVC pattern to develop the application. I followed the waterfall methodology to complete all aims, use MVC Pattern and client server architecture. For analysis, different gathering method were used. Requirement were prioritized according to the importance. Use case diagram and initial class diagram was designed. Different structural diagram (Class diagram and Data flow diagram) and behavioral diagram (sequence and activity diagram) also database design (ER diagram and Data dictionary) were describe. For testing black box testing and unit testing were applied. All the project issue that I faced were listed. The work that can enhance the system later in the future were also listed.

Hence, project was completed with all the requirement for the project and implemented successfully and delivered.