**Assignment II**

**Mini Project Work**

**WEB TECHNOLOGY AND ITS APPLICATIONS-18CS63**

**VI Semester**

*(****Important Note: Submit original works . Marks will be drastically reduced for copied work)***

**Issuing date : 22.05.22 Deadline : 03.07.22**

**Demo Presentation cum Viva sessions : 04.07.22 to 07.07.22**

***(Submit the all the related coding files in Google class room with snap shots after demo )***

**Design and develop a mini project of client – server technology for the following two domains**

**Student domain**

**Database : Student**

**Table : Mark (Rollno int, Sname varchar(20), sub1 int, sub2 int, sub3 int, sub4 int, sub5 int)**

**Insert Module**

**Get Rollno,Sname, sub1 to sub5 marks through appropriate HTML Input controls and Javascript commands**

**By pressing submit button on the form, it has to go to Stud\_Insert.php to insert the data into Mark table in Mysql**

**Report Module**

**Generate report in the form of Rollno, Sname, sub1 to sub5 marks, total, average, class, Result ( 80% and above - Distinction , 60 and below 80% -First Class, 50% and below 60 % - Second Class. Failed candidate ( less than 50%) - No class)**

**Update Module**

**Get Rollno and display all the records such as Rollno, Sname, sub1 to sub5 marks for the particular rollno for updating. By pressing the submit button, all modified data have to be updated on the table student.**

**Delete Module**

**Get Rollno and display all the records such as Rollno, Sname, sub1 to sub5 marks for the particular rollno to confirm the deletion operation.**

**If yes button is pressed, the particular record has to be deleted or else if no is pressed , no record has to be deleted.**

**Query Module**

**Get the name field through front end and if the field is empty , all the records have to be displayed or else the name starting with the character in the field has to be shown.**

**Employee domain**

**Database : Employee**

**Table : Emp (Empno int, Ename varchar(20), Bsalary int )**

**Insert Module**

**Get all the fields of Emp through appropriate HTML Input controls and Javascript commands**

**By pressing submit button , it has to go to Emp\_Insert.php to insert the data into Emp table**

**Report Module**

**Generate report in the form of Empno, Ename, Bsalary, DA( 80% of Bsalary), HRA (15% of Bsalary), MA(12% of Bsalary), Insurarnce (10% of Bsalary) , netsalary( Bsalary+HRA+MA – insurance) from the table Emp**

**Update Module**

**Get Empno and display all the records such as Empno, Ename, Bsalary, for the particular Empno in the table Emp**

**By pressing the submit button, all modified data have to be updated on the table Emp**

**Delete Module**

**Get Empno and display all the records such as Empno, Ename, Bsalary for the particular Empno to confirm the deletion operation.**

**If yes button is pressed, the particular record has to be deleted or else if no is pressed , no record has to be deleted.**

**Query Module**

**Get the name field in HTML and if the field is empty , all the records have to be displayed or else the name starting with the character in the field has to be shown.**

**Totally ten modules from the aforementioned domains using HTML, CSS, Javascript, PHP and MySql have to be developed along with a menu module.**

**Note :**

* **All related necessary fields with appropriate input control elements must be included for every module**
* **Every field must be validated intact before updating in the MySql.**
* **Every module should be debugged with different test cases.**

***The demonstration must be made by every individual student to the concerned faculty member on or before the due date***

**Signature of Faculty member Signature of IQAC member Signature of IQAC chairman**