

Project Documentation on =========================

Online classroom Management System

-----------------------------------------------

**Submitted By:**

1.jannatul moua Rima (181-15-2075)

2.sanzida akter (182-15-2144)

3.Tahmina akter urme (182-15-2113)

SECTION: PC-B

**Under The Guidance Of:**

Saif Mahmud Parvez

Lecturer

Department of CSE (PC)

Daffodil International University

Submission Date: 12 August, 2020

----------------------------------------------------------------------

**Our project name**

==========================

***Online classroom Management System.***

**Project Overview:**

As more and more classrooms embrace a blended learning environment, it’s important that we work on strategies for online classroom management systems. In our project we created an online based classroom that will help both teachers and students in the corona situation. There are six entities in our project like teacher,student,classroom,department, course, and procedure.

**Database Structure**

**---------------------------------------------------**

**The database contains six entities which are student ,teacher,classroom,department,courses,procedure.**

|  |  |
| --- | --- |
| **Entity** | **Description** |
| **Student** | contains all the students information like id,name,age,DOB. |
| **Teacher** | This entity contains all of the teachers information like,name,id. |
| **Classroom-** | Students and Teachers can find out with the help of building-no,building-name. |
| **Courses** | IT contains the information on all course names. |
| **Department** | They have department id,department name. |
| **Procedure-** | Contains Email-address,device and software. |
| **TAKES** | Create relation between courses and student id |

**Attribute Description:**

**-------------------------------**

**Student -;**

**Student\_id -> primary key attribute. Unique key that will identify the individual .**

**Student\_ name-> Composite attribute.**

**Date\_of\_birth->Stored attribute.**

**Age -> Derived attribute**

**Teacher :**

**Teacher\_id-> primary key attribute**

**Teacher\_name-> Composite Attribute.**

**Classroom :**

**Building \_no -> primary key Attribute.**

**Classroom\_no -> single Attribute.**

**Building \_name -> Composite Attribute.**

**Department :**

**Department \_id -> primary key Attribute.**

**Department \_name -> Composite Attribute.**

**Courses:**

**Course\_code -> Primary key Attribute.**

**Course\_name ->Composite Attribute.**

**Procedure :**

**E\_mail\_address -> primary key Attribute.**

**Device -> Single Attribute.**

**Software -> Single Attribute.**

**Design Documents**

**-------------------------------------------------------------------**

**Entity relationship diagram (ERD):**

**---------------------------------------------------**



**Schema diagram:**

**---------------------------**



***DDL-command:*** drop,rename,describe,create.

***DML-COMMAND:*** Insert, update, delete.

Limitation of our project:

--------------------------------

This system is obviously the greatest benefit of online learning. There are some limitations also such as..

1.It is true that, although online learning might be convenient and flexible, it is also a solo act. It will not be easy for all of your learners to feel comfortable when participating in online discussions and engaging more actively with their online instructors or their virtual classmates.

2.Constructive feedback can be very effective, but if not given properly or in time, it might also be limited.

3.Too much time spent in front of a computer screen may be harmful.

4.Nothing can replace human contact.

5.One of the big limitations of online class is if there is no internet,no one can join class.

RELATION:

--------------------

Student to Teacher -> one to many.

Teacher to Course -> one to many.

Course to Student -> many to many.

Student to Department ->one to many

Student to Procedure ->many to many.

**Binary relation exists in all relations**

Conclusion:

---------------

This system is obviously the greatest benefit of online learning. There are some limitations also such as..

1.It is true that, although online learning might be convenient and flexible, it is also a solo act. It will not be easy for all of your learners to feel comfortable when participating in online discussions and engaging more actively with their online instructors or their virtual classmates.

2.Constructive feedback can be very effective, but if not given properly or in time, it might also be limited.

3.Too much time spent in front of a computer screen may be harmful.

4.Nothing can replace human contact.

5.One of the biggest limitations of online class is if there is no internet,no one can join class.

The problem we faced:

We have faced some problems working on this project. We don’t use the same data in any of two tables.. That's why we can't apply join operation at first.Then we modify our table and then use join operation.