**DATABASE MANAGEMENT SYSTEMS – CS6106 PROJECT**

TOPIC : **ONLINE COLLEGE EVENT MANAGEMENT SYSTEM**

Respected Mam,

This is my topic. I had explained all relations of my database and functions of this system and also what are the tools,languages and so on used for front end and back end are all explained in another file named as ‘**Online\_College\_Event\_Management\_System\_Project\_Progress**’.

In this database, some tables were created by the admin. Remaining were created when the new tuple created by filling the forms accordingly.This was done by using PHP scipts i.e. Inserting **SQL queries** in the php scripts.

Also in the **PHP scripts**,some form validations are all included.Form validations in the sense if a user registers for an event,first it checks that whether this is a valid user or not by referring the username and user id from the ‘student\_user’ table.Then it checks the available number of seats for that particular event mentioned,if seats available then it checks that if that user had already registered for this same event or not,if that user had already registered then it won’t accept due to the **PRIMARY KEY** constraint in the ‘event\_registration’ table.If that user hadn’t register,then registration succeeds and the info got inserted into the ‘event\_registration’ table.Otherwise if seats are filled then it will indicate the student that ‘seats are filled!’.This is done by using sql queries.

The order of checking is very important first it checks the **validity of the user**,then **availability of seats** and then go for **PRIMARY KEY constraint**.

**SQL Queries** for table creation, data insertion, views, triggers and for some sql queries(questions) are attached in separate text documents. Kindly refer other files attached along with this one.

Then, screenshots of tables and views are all put in a folder called ‘**Screenshots**’. Also in another word document ‘Screenshot’,Tables are explained with screenshots.

All **Front End Files** are in a folder named as ‘Front End Files’.In that folder, all the **HTML and PHP files** are there. Frontend includes

* Home page,
* Sign-up link in home page,
* Login for student user and separate login for co-ordinator are also in home page,
* Some informations like technical,non-technical and workshop details are given as links in the home page,
* In the student dashboard,he/she can able to see his/her personal details,
* Then links for event and workshop registrations are available in the student dashboard,
* Also details of events and workshops,which are all registered by him/her are available in their dashboard.
* Student can give their feedback in feedback form,that link is also in their dashboard.
* In the Co-ordinator dashboard,if the co-ordinator enters the event id and workshop id,then the details of that event and workshop mentioned will appear.That details include Number of students Registered for that event yet and that event’s co\_ordinator name.

These are all some features of this system in terms of front-end.

I had inserted some data in ‘event’, ’workshop’, ’co\_ordinator’, ’logistics’ and ‘items’ tables **as admin**. For tables like ‘event\_registration’, ’workshop\_registration’, ’student\_user’, ‘feedback’, etc. I had inserted some data alone for sample by registering for events,signed-up as users and by giving some feedback. For more data we can register more. I just register for some level in order to **check** **some queries,triggers,views**,etc.

Thus my project.So, I kindly requests you to refer all other files attached along with this one.

Thank You.

By,

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