**DBMS Project Proposal**

About the Proposal for OIA (Office of International Affairs):

Office of International Affairs in collaboration with the student life and student organizations conducts a lot of events in our campus and outside of campus. Students find it difficult to locate the list of events and other details related to the event. Student Orgnaizations find it difficult to find a venue for their event.

Operation:

There are 2 key players in orginizing the events.

1. Event Co-ordinator (Students)
2. Venue Co-Ordinator (Professor, Staff, Outside Venue manager)

Business Rules and Norms:

* Student table records Student ID, Student First name, Last Name, Student Phone Number, Email address, Gender, and other details about students.
* Student ID is unique for every student and two students can have the same first name and last name but not the same student ID.
* There is Venue table, which records Room No/Venue ID, Capacity, Room Size, Venue Co-ordinator ID. Where venue co-ordinator is a staff from staff table. Two venues can have same staff as venue co-ordinator.
* The staff table stores Staff ID (Employee ID), Staff First name, Last Name, Phone Number, Email address, year joined and few other details of the staff.
* There is Time-slot table which stores time slots for events, the time slots which are meticulos calculated and named for event conducting purpose. Say the time slot name is morning and the time duration is 6-8 am. Another row could be time slot name as late night and time duration is 8-10 pm
* Two-time slots can only have a one-hour time laps which is a bussiness rule to create timeslot and we try best to leave a one-hour time gap between two-time slot.
* There is orgnization events table which stores event name, entry fee, maximum count for an event and event description and approved by coloum, where it is approved by an staff and we include only the staff id
* The final table is upcoming events table which stores event name from organization events table, event venue, Hosting club, date, time slot. And there is event cor-ordinator which is a student Id from student tabel.
* Two events cannot have same and same time slot. But an etwo events can have same venue but different time slot.
* Memebership table which only stores student id, club id, designation. That means the table stores each students memberhsip to a club and their designation. Example president, vice president or officer.

Tables:

* Students
* Staff
* Organization Events
* Upcoming Events
* Venue
* Time-slot
* Clubs
* Membership