Meeting Records

Date : 18 February, 2017

Meeting : Meeting with sir

Students attended :

Priyanshu, Yashwanth, Ramya, Saketh, Supriya, Sampath and Sravani.

Tables Discussed :

Faculty, Course\_faculty\_allocation, Course\_master, Counsellor, Advisor, Running\_courses, Enrolled\_students and Absentee

Statements :

* Rework in Counsellor and Advisor tables.
* Refer course book for Course\_master table.
* Compare course books of 2014 and 2015.
* (Course\_id, year) is a composite key in Course\_master table.
* Need Running\_courses table which may have redundant values and is the course plan.
* A new table must be created to know in which year which courses are offered.
* Example for CID in course\_book data ---- 2014CSE320
* Course\_master and Running\_courses tables are different.
* We will have multiple course records for same course like for each section different course record.
* Batch and semester are not required in Running\_courses table.
* Faculty\_id is not necessary in Faculty table as Course\_id will give that.

Solutions for problems discussed :

* Problem : How to handle electives in which students from different branches are involved?

Solution : Enrolled\_students table may solve this problem.

* Problem : Should we have parent details?

Solution : Not separately but in Students details we will have student profile, parent profile and progress report.

* Problem : How many periods are taken at a stretch in Absentee table?

Solution : Therefore we need a master table.

Date : 20 February, 2017

Meeting : Meeting with sir

Students attended :

Priyanshu, Ramya, Yashwanth and Sravani

Statements :

* Rethink on database.
* Students should be identified by batch.
* Till now we saw top-down view. Let us also check from bottom-up view.
* In bottom-up view, we have different trees for different users like a different view of students in which courses are divided into subject, etc.,

Different view of faculty in which each semester is divided into batch A and batch B, each batch has advisor which is divided into counsellors,etc.

* Normalisation is not that much considered.
* Have a look and compare between hierarchical, relational and network databases and choose the best one.
* Problem : How to convert hierarchical data to relational data? --- Search for it.
* Problem : Can we add an extra attribute to solve the problem?

Answer by sir : It will be a trivial solution. We should think something new. There may be many unnecessary data if the attribute is not used.

Conclusion :

To find a database design in which information can be easily sent to a particular batch, class or a set of students.

The data flow should be easy through hierarchical way and this hierarchical data should be converted to relational data.

Date : 1 March, 2017

Meeting : Meeting among our team members

Students attended :

Priyanshu, Ramya, Yashwanth, Sampath and Sravani

Activities done :

* We discussed the Course\_allocation table and Master\_courses table is designed.
* Some requirements might be cut down in today’s meeting with sir.
* Master\_course(year, course\_code, category, credits, LTP, Title)
* Category – Humanities, Engineering or Project
* LTP – Lecture, Theory or Practical.

Date : 3 March, 2017

Meeting : Meeting among our team members

Students attended :

Priyanshu, Ramya, Yashwanth, Saketh and Sravani

Activities done :

* Listed the finalised requirements.
* Marks Grading
* Attendance
* Communication
* Leave Monitoring
* Student Profile
* Communication (Users):
* Faculty
* Student
* Counsellor/Advisor
* HOD
* Leave:

After verifying the leave, it will be recorded whether it is a duty leave or medical leave and mail will be sent to the corresponding faculty.

* Details in Student Profile :
  + Parents Details
  + Achievements
  + Attendance
* Doubts:
* If any one does a redo course, where will the result be? In the previous year or current year?
* Do we need to create tables for course plans for each year and each degree?
* Can we have a table like elective which includes the branches involving in the electives?

ANS: Yes.

* Before enrolling do we need to list the electives?

ANS: No. It is not the requirement.

* How to handle grading?

Continuous\_Evaluation(SID, CNO, P1, P2, End\_sem)

We will have weightage table

Weightage(CNO, P1, P2, Internal, End\_sem)

* We need to collect data from AUMS.

Date : 7 March, 2017

Meeting : Meeting with Sir

Students attended :

Priyanshu, Ramya, Yashwanth, Saketh and Sravani

Activities done :

* Semester and Batch should be added in Students.
* Master\_Absentee table must be created which tells who took classes on which periods.
* How do we treat redo students semester?

By Sem\_id in course plan.

* No status in Notifications.
* Add date and time of Notifications.
* No record entered into the table is deleted.
* No record is modified.

Date : 8 March, 2017

Meeting : Meeting among our team members

Students attended :

Priyanshu, Ramya, Yashwanth, Saketh, Sampath and Sravani

Activities done :

* Work division:
* Data Dictionary – Sravani
* ER Diagram – Ramya
* Login/Authentication (Research in other softwares), role allocation (access privileges) – Saketh, Sampath and Yashwanth.
* Finalise the tables, Chat Log, Time Table – Priyanshu.

Date : 10 March, 2017

Meeting : Meeting with Sir

Students attended :

Priyanshu, Ramya, Yashwanth, Saketh, Sampath and Sravani

Activities done :

* Why is batch necessary in ugo\_course offering?
* Add advisor\_id and counsellor\_id in student table.
* Ugo\_student\_achievement should be added.
* Authentication table will be given by services team.
* In Notifications, is target necessary?

The Previous notifications is better than the new one.

* In chat\_log, from and to should be a separate ID. Hence, the previous design is good for chat\_log.
* Information about parents should be in students
* Time\_Table table should be added.
* Work on student profile and disciplinary table.
* No student-to-student chat.
* No need of notification in leave-monitoring. We can change the data.
* How to handle batch in course offering?
* If we have redo students and we want to have notifications for a batch, how will it reach redo students?

ANS: Add Student\_type table – every allocation separately.

Student\_type : Regular, honours, runtime, redo, etc.

* Have current\_semester for each course or another table with student\_allocation.
* No deletion of any record. Every table will have a flag (active or inactive)
* Is course\_offering different for redo, runtime, etc?
* Separate course\_id for runtime redo.