



Team 2 Data Modeling Meeting

3/21/2024 at 6:30 P.M.

Resources:

- [Free Diagram App](#)
- [ERD Terms and Symbols](#)
- SDD from other group

Steps:

- **AS A GROUP:** Refine table list (if you think more need to be added, first ask another team member then run it by me or leadership).

For individual work:

1. Determine attributes needed to collect and data type of elements. (int, varchar, date, etc...)
 - NOTE: Since we're taking attendance items like smalldatetime will be used as well to gain year, month, day, and time that it was taken.
2. Determine if an attribute can be null.
 - Special case: I believe when faculty inserts a student's attendance it could be null.
3. Determine primary keys
4. Determine other attributes (unique? defaults?)
5. Determine relationships (if any) your tables have with other tables.

AFTER THIS

6. Send your draft ERD tables to another member in #team-2
 - a. Just in alphabetical order
 - i. Daivik send to Rachel
 - ii. Rachel send to Shivam
 - iii. Shivam send to Thomas
 - iv. Thomas send to Daivik
7. Once approved, send to #team-2 for the rest of the team to review if needed.

8. Once yours is approved and another that yours has a relationship with (IF IT HAS ONE), add in foreign keys needed.
9. Once everyone has theirs approved and foreign keys are added, one person needs to compile all tables into one complete draft ERD for leadership to review for a PR approval.

Assignments:

Daivik:

- StudentCourse

Rachel:

- Admin & Faculty

Shivam:

- Student

Thomas:

- Course
- Combine tables

Approval Process:

Reference the SQA Document for all approval processes.

1. Peer Review
2. Cross Team Review
3. PR Approval