**ERD Explanation**

We tried to create different tables for different types of columns earlier present. This had 2 major reason, first if we want to add, for example, a new Grade\_Level\_Category, it becomes easier. Second the space is also saved by a lot by adding numeric primary keys of the tables as foreign keys in the Project table.

Also, since we wanted distinct values in our UI columns, creating different tables, made the fetching of queries very fast and easy.

Apart from these, records having no corresponding value of primary key which was present as a foreign key were saved in a different table. For example, Projects having Teachers\_ID which weren’t present in Teacher table were saved in the Projects\_Dirty table. Similar thing was carried out for Donations table. This helped us in retaining the company’s data in case it’s required in the audits for future reference.