* Students , instructors ,departments, courses , and grades are the main entities to be created.
* Student\_phone and instructor\_phone were created because the phone number property is multivalued.
* To avoid redundancies the phone\_number was used as a primary key as making a phone\_id would be unnecessary.
* Enrolling was created to break the many to many relationships between student and courses.
* While creating the schema the foreign constraint between department head and instructor id must be added after the two tables are created.
* While inserting the data the department must be inserted without the department head then insert the instructor and then updating the department tables with the department heads to follow the foreign keys constraints.
* Courses must be inserted with null values in the prerequisites column if the aforementioned course has no prerequisite.
* GUI was made with react with php on the backend to communicate with the MySQL database.
* To view the application visit: <https://universitydb.rf.gd>