Deadline: November 30th

Group Name: The Group With No Name

Group Members: Lane Durst, Connor Morris, Maureen Sanchez, Houston McDaniel, Allee Rogers

Roles:

Maureen: ER Diagram, Relational Schema msanc57@lsu.edu

Allee: Data, Test Queries (Making the actual database) aroge65@lsu.edu

Houston: Data, Test Queries (Making the actual database) hmcdan9@lsu.edu

Connor: Application User Interfaces cmorr78@lsu.edu

Lane: Application User Interfaces ldurst2@lsu.edu

(Everyone): Final Report

Deliverable:

1. Report: PDF containing the project report. Must be written in single columnist single space, 11-point, and in arial font. Must not exceed 8 pages TOTAL
2. Code: Single zip file containing the database file, application interface codes, a set of test codes, and instruction to execute your test code so that they can test the work

Project Description:

Can be any enterprise that is large enough to require a database to manage their data.

Ex. small business, department store, social media platform, a new startup, etc

Content needed:

1. E-R Diagram (mention the background & operation of the enterprise + justify the need for a database)
2. Relational schema (Must map to ER diagram within constraints)
3. Data (can have a script to generate synthetic data)
4. Test queries (5 minimum, include what the outcomes should be)
5. Application user interfaces: can have up to 5 application user interfaces to input, update and delete data; command line interfaces are acceptable

Project idea:

* Small business: plant store
* Track of
  + Employees: hours, wages, names, employee\_id, job (manager, etc.)
  + Store: location, manager\_id, employee count
  + Inventory: types, costs, stock, names
    - Type ex; trees, bushes, mulch, planter, soil, fertilizer
  + Orders: category (in person / online), order\_id, customer\_id
  + Customers: customer\_id, membership, address