Asg 3 – Hailey Strobelt

1. Make a list of issues with the current system.
   1. See Statement of Work (Asg 1)
2. Make a list that shows the database requirements for each stakeholder involved in the database.
   1. Vince – Track:
      1. Sales
      2. Inventory
      3. Customers
      4. Purchases
      5. Sellers
   2. Customers:
      1. Be Fast
      2. Be Secure
      3. Search Inventory
      4. See History
      5. Make Requests
   3. Sellers:
      1. Search Inventory
      2. See Purchase Values
      3. See History
      4. Be Secure
   4. Govt:
      1. Access Taxes
      2. Check Customer Security
      3. Track Prices (Checking for Business Inflation)
      4. Track Business Success (Watch for Business Recession)
3. Make a list of business rules.
   1. Be able to apply discounts to sales.
   2. Notes conditions of albums and sleeves.
   3. Allocate individual album prices from bulk purchases.
4. List some major security rules for the database.
   1. Keep customer data secure. (Only customers see their own data)
   2. Keep salary data secure.
   3. Keep owner data secure.
   4. Request data needs to be private.
   5. Insert/Update/Delete should be left to owner.
5. Take a look at each of the forms and make a list of all the nouns in them. Do the same for the interview, the questionnaire, and the Job Shadow Report. Then set up some preliminary entities and attributes. Vince Conceptual Design (Conceptual->Logical->Physical Design)

Entities->Attributes:

* 1. Album-> AID, ATitle, AYear
  2. Customer-> CID, CFirstName, CLastName, CPhone, CEmail
  3. Seller-> SID, SFirstname, SLastName, SPhone, SEmail
  4. Condition-> CondName
  5. SpeedType-> STName
  6. Artist-> ArID, ArFirstName, ArLastName
  7. Sale-> SaID, SaDateTime
  8. Purchase-> PID, PDateTime
  9. Employee-> EID, EFirstName, ELastName, EPhone, EEmail
  10. Band-> BID, Bname