

## ENSF 608 Project Resource

Please do not consider this resource as benchmark. **This is just a very basic example of the project.** Project should not be just covering only simple queries like select , from and where only but should cover at least 80% of the material including queries ( addition, minus, rename, strings, union, joins , left outer join, right outer joins etc, that we cover in the class.

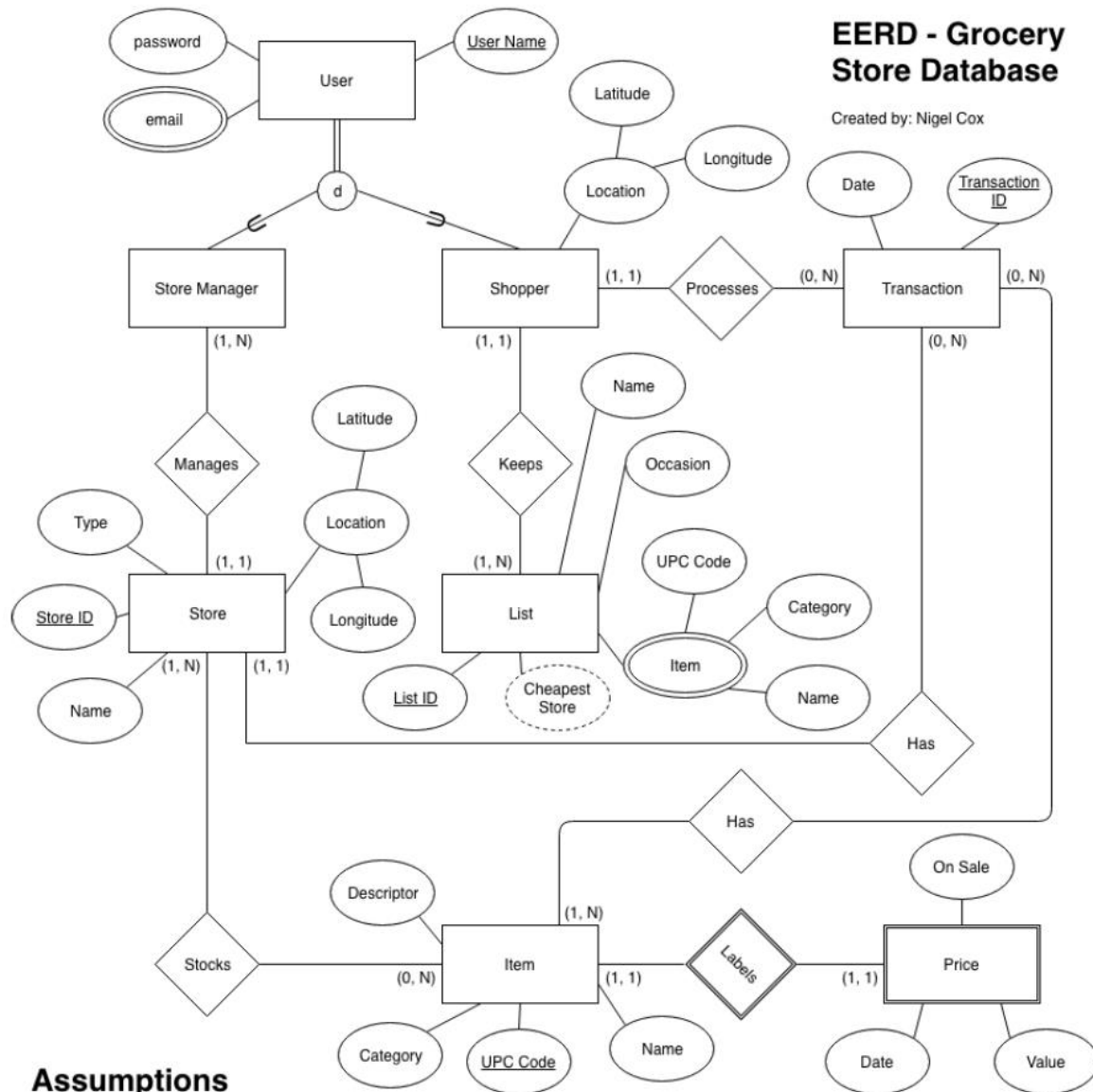
### **Sky is the limit for the project**

Following are some examples of the project (should include data base as well as front end)

- Grocery store Project
- Inventory Control Management.
- Student Record keeping system
- College/University project
- Retail Shop Database Management
- Railway System Project
- Hospital Database Project
- Travel Information Service
- Dispensary
- Railways Train Maintenance System
- Online Shopping
- Effective Library
- Payroll
- Real Estate
- Airport Passengers Maintenance
- Hotel and Motel
- Varied Insurance Products
- Registered Vehicle Details
- Blood Donate
- It Training Group Data Base Project
- School Management
- Library Management system Database **Project**.
  1. Deliverable 1 : project proposal + slides
  2. Entity Relation Diagram – Show cardinality ratio, assumptions

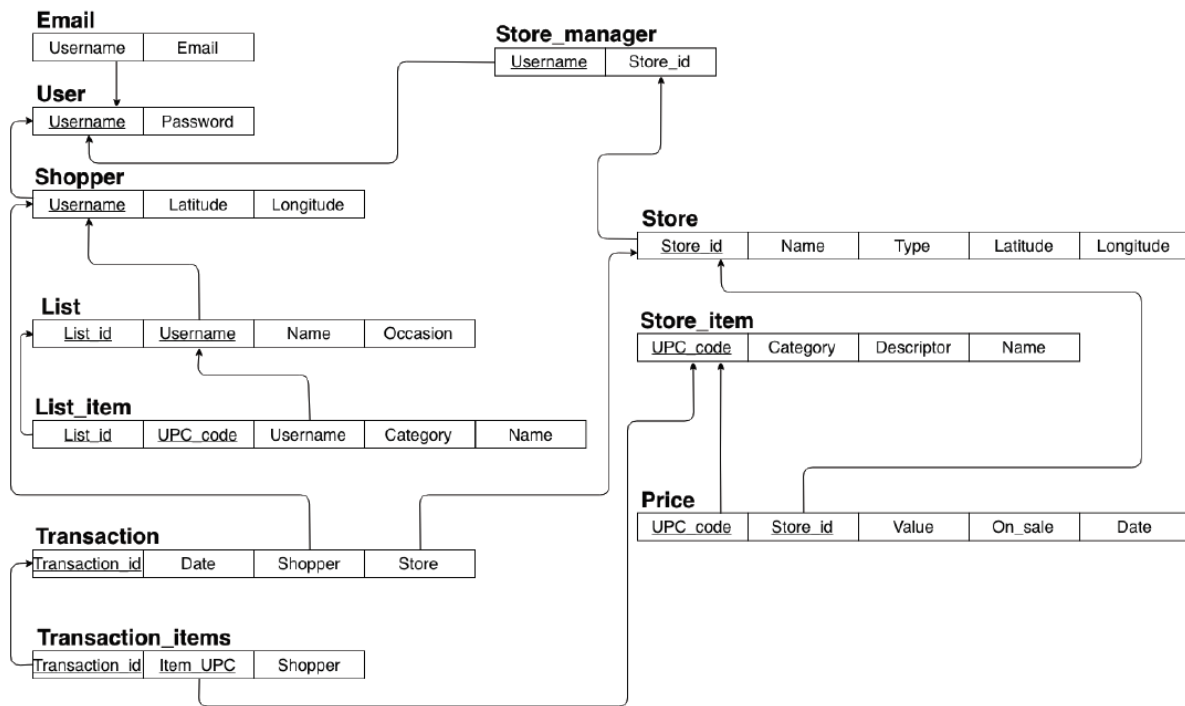
3. Relational model
4. Functional model
5. Final project submission with report, source code and video demo

### Sample ERD for Grocery Store Based Project

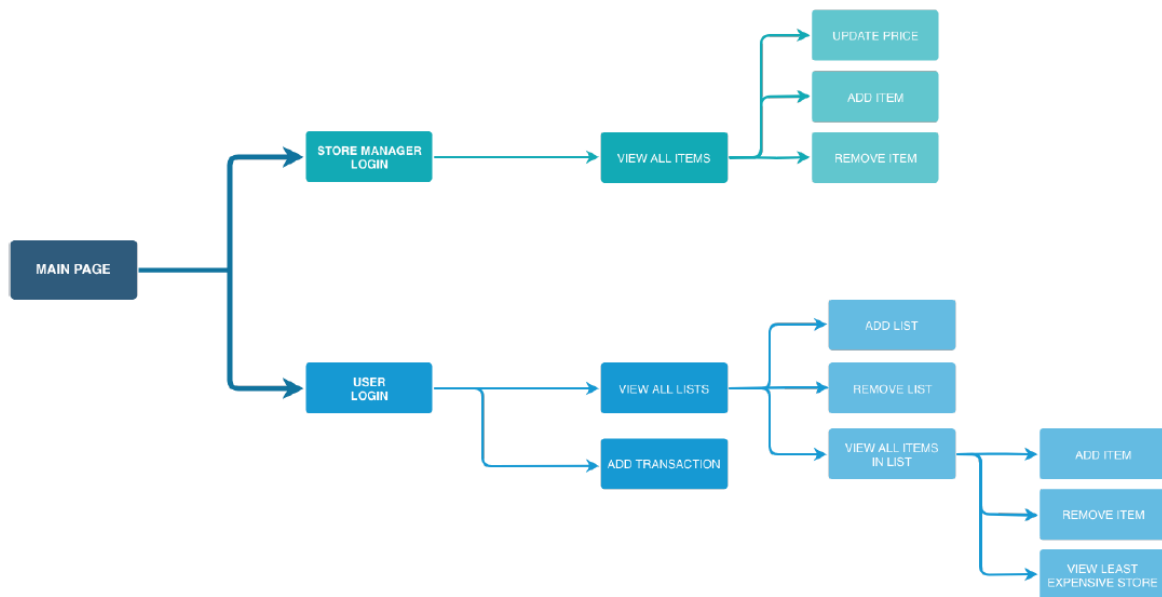




## Relational Model Design



## Functional Model Design



Details of the API, working etc.