1. Application summery
   1. We have: Server client, Admin/User Client.
   2. Admins and Users connect to Server through sockets
   3. Clients and Server can connect as long as on the same network
   4. All data is saved on the Server computer
   5. Able to: CREATE/UPDATE\_USER, CREATE\_DATABASE
   6. ADD/DELETE\_TABLE, ADD/DELETE\_FIELDS, ADD/EDIT/DELETE\_ENTRIES
   7. SORT BY FIELD, FILTER WITH ONE OR MULTIPLE FIELDS
2. Logging In
   1. Default username: admin, password: NewAdmin(case sensitive)
   2. Usernames are all unique, cannot have two users with the same username.
   3. Bad IP (ipconfig)
   4. wrong username
   5. wrong password
   6. Default login
3. Create New Databases
   1. Connect to new databases from File->Database(db1, db2)
4. Create New Users
   1. 2 admins – check admin box (admin 1, admin2) – passwords are all “a”
   2. 2 normal users(user1(db1), user2(db2))
5. Create Table from admin
   1. Select db1
   2. With one column – automatically switches to new table
6. Login with admin2
   1. Show admin tab
   2. Add database(db3)
   3. Add user(user3, db1,db3)
7. Login with user2
   1. Show no admin menu
   2. Connect to db2
   3. Create table(table1) //got up to here 11:21pm 11/28
   4. Add fields (3) (field1 - string, field2 - number, field3 - string)
   5. Add entries(10)
   6. Add more fields (2)(f4 - number , f5 - string)
   7. Add more entries (10)
   8. Edit entry **(optional, +1)**
   9. Delete fields (field, f4)
   10. Delete entries (3) **(optional, +1)**
   11. Create table2, empty
   12. Switch back to table 1, shows data
8. admin2
   1. put side by side with user2
   2. select db2
      1. show table1
      2. add table3, show table3 exists in user2
   3. user2 log off
   4. update user2 – with db1, db2
   5. login with user 2 –
      1. show db1 no table,
      2. show db2 has
         1. table1 has data
         2. table2 empty
9. Logout default admin, user2 – only admin2 left
   1. Admin2 access table1
10. Sorting/Searching
    1. Sort table by different columns
       1. Showcase different filters (Important conditions: = , > , < , <= , >= , !=
    2. Showcase multi filters
    3. Sort table with filters
11. Select table2
    1. Add 1 field
    2. Add 1 entry
    3. delete Table2
    4. Screen clear
    5. Show table is deleted in tab
    6. Select table 1
       1. Show table contents is on screen
12. FINAL – Login with admin 1
    1. Select db2
    2. Select table 2
    3. DONE.