Requirements

1. Function: has function name, default price. Example: device cleaning, 50$
2. Device: Device name.
3. Object: has device name, function(fixing, replacement etc), price. Object specified price for pair of function and device. Example: iPod, device cleaning, 100$
4. Customer: has name, phone, rights, SHA3-256 of his password
5. Logs: customerID, date, list of objects(encrypted), price(encrypted). Encrypting by XOR with SHA of customer’s password
6. Login form.
   1. Login form has two fields: login and password +
   2. Password should be encrypted storied into database. SHA3-256
7. Make invoice form.
   1. Load devices and functions to comboBoxes.
   2. add new object from database to a list on the first form, based on selected device and function.
   3. Edit object from the list. Each field can be edited. +
   4. Automatically calculate a full price of the list. + tax.
   5. Save an invoice to pdf file. Customer data should be got from current customer. Invoice’s template should to read from template.
   6. Print invoice to a printer.
   7. Store a final list to logs into databased with encrypting system(XOR with SHA3-256 of customer’s password)
8. Add/Edit objects form
   1. Change/add/delete functions. Each function has default price.
   2. Change/add/delete list of specified devices. Devices should be shown as a tree
   3. Load objects from database into list.
   4. Change object into list
   5. Add object into list
   6. Delete object from the list
   7. Load functions to the list.
9. Add/Edit customers form
   1. Load customers into list. +
   2. Show selected customer’s details into specified sub-field. +
   3. Save details. +
   4. Add customer by button “add” +
   5. Specified field should to have:
      1. textbox: customer name +
      2. textbox: customer phone +
      3. change password button with textbox +
      4. checkboxes: “allow to make invoices”, “allow to add new devices/functionality”, “allow to change the price”, “allow to add new customers”, “allow to read logs”. +
10. Logs form
    1. Fill customers’ names to comboBox.
    2. Fill last 20 logs into list.
    3. By pressing button ”show logs”, fill last 20 logs of selected customer, if date was not selected. If date was selected, show logs of this date. If date and customer was selected, show logs of this date and customer.
11. Read template.
    1. Into ini file:
       1. CustomerName,
       2. CustomerPhone,
       3. InvoiceID,
       4. ObjectList
    2. Template should be read and with these fields should to be written data from the program.