Problem: Automate process of filling in the invoices.

Functional tasks

1) Possibility to maintain Customer’s DB

2) Possibility to maintain Good’s DB

3) Provide GUI to fill in invoice

4) Simple invoice should be used (but with possibility to extend it with other invoices)

5) Invoice field’s which should be defined:

* Date
* Invoice number
* Customer name
* Service provider name
* List of goods
  + good id(name)
  + type(kg, num)
  + quantity
  + price (calculation is described below)
  + total price (quantity \* price)
* Summary (summary of total prices for all listed goods)

6) Good’s price calculation(P): price from Good’s DB minus discount for exact customer (P = baseP - D)

7) Discount for exact customer calculation(D): price from Good’s DB multiply with customer discount from customer DB (percentage value) (D = baseP \* customerD / 100)

8) Provide profile functionality to automatically fill in some personal data(service provider, invoice number and so on)

9) GUI is defined in provided FORUI prototype

10) DB management

11) Several invoices might be combined together with only one Summary (lim.1)

12) Good’s name has limited size, set by size of invoice (lim.2)

Invoice limitation:

* Number of goods in one invoice - should be used another one, but summary should be only in last one
* Good name is bigger than possible - add scaling