Hernieuwde opdracht

At this moment in time all the data is kept in word and excel files, and the departments we interviewed want that changed.  
The communication between the departments isn’t working as efficient as it could be because of this system.

Barroc-IT grew fast in a short amount of time and couldn’t really keep up with all the work they needed to do, that is why we were chosen to make this product.

After the interviews, we agreed on a few requirements for the final product.

First of all: Who can do what in the application?

* The sales department has to see if a customer is credit worthy, and they want to see when a customer has a payment delay.
* The sales department has to make quotations for the customer. This has to be done in the application itself.

In the database the sales department wants to see the following data:

* Company name
* Adress 1
* Housenumber 1
* Postcode1 (zip code)
* City 1
* Housenumber 2
* Zipcode 2
* City 2
* Contact person
* Initials
* Phone number 1
* Phone number 2
* Fax
* Email

They also want to be able to edit:

* Invoicenumber
* Offer status
* Potential customer y/n
* Appointment day
* Last contact date
* Next action
* Sales percentage
* Credit worthy y/n
* The chief executive said in the interview that he isn’t really going to use the application, but it will probably come in handy to give him access to all the data the other departments have access to.
* The finance department needs to see if a customer is in debt, and needs the information below to test if a customer is credit worthy.
* The finance department needs to make an invoice and send it to the customer so the customer can pay. They want to do this in the application itself.

They also want to be able to see:

* Company name
* Address
* Zipcode
* Place
* Contact person
* Initials
* Phone number
* Fax number
* E-mail

They want to be able to edit:

* Bank account number
* Credit balance
* Number of invoices
* Gross revenue
* Limit
* Ledger account number
* Tax code
* The development department wants to have access to the maintenance of the application, and wants to see the status it is in. The development department comes into play when the customer pays their invoices for the project, and is deactivated at the sales department. If that is the case development can start the project.

They also want to see the following data in the database:

* Company name
* Address
* House number
* Zip code
* Residence
* Contact person
* Telephone number
* Fax number
* E-mail

They also want to edit the following data:

* Maintenance contract
* Open projects
* Applications
* Hardware
* Operating system
* Appointments
* Internal contact person

The application’s layout needs to follow Barroc-IT’s own style that is displayed on their website. The application itself can just have a simple compact layout, because it would probably be more clear to understand it like that.

**There are also a few requirements for the system:**

* All departments need to be able to choose a customer
* The sales department needs to be able to add an invoice and

Select payed bills

* If a customer is not credit worthy or a project is done, the development and finance department need to be able to deactivate customers(not deleting them)
* The system needs to calculate if a customer is over their limit
* If the bill isn’t paid in time, the application needs to stop their current project. The project can be resumed if the bill is payed
* When the bill is paid, the customer gets deactivated at sales and activated at development.
* The help function needs to explain what all the buttons do.

**There are also some could haves for the system:**

* A search function
* A filter function