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 needs to keep in touch with the customer, and is the department that stands closest to the customers. The sales department sets a limit for that customer. If that customer is beneath their limit, they are sent to sales. This way the customer can debate with sales if they can be a potential customer. When sales has all the data they need, they contact finance to determine if the customer is credit worthy.

In the database the sales department wants to see and edit 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 see:

* 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. When they are credit worthy, the customer is sent to development. If that’s however not the case, the customer will be sent back to sales.

They also want to be able to see and edit:

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

They want to be able to see:

* 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 and finance department. If that is the case development can start the project. When the customer isn’t able to keep up with the payments of the project, the project will come to a stop until they can pay for it again. The customer will however never be deleted, only deactivated and sent to sales.

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

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

The data they only want to see is:

* 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
* 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
* The departments need to be able to log in, register and log out.

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

* A search function
* A filter function

The help function needs to explain what all the buttons do.