

Appendix 1

First Interview with the Client

Date: 29 December 2021

What is your job?

Informational Technology Specialist

Do you need a program/software to make your work easier and faster? If you have, may you explain it?

Yes, we need it. To keep track of the computer and computer products we have purchased for our company on the system, to keep the information of the serial number and the components of the devices. Also, we want to filter and find which device is owned by serial number or person name whenever we want.

Have you ever experienced any difficulties or incidents in your work that related to this problem? If you lived, may you tell?

We struggle to keep track of the devices we have. Keeping them in a spreadsheet is difficult, and we cannot track them properly.

What properties would you like to have to make your work easier in the software you need?

It would be better to have a function to search and sort according to the properties entered. Also, we want to enter the date of warranty and the date of purchase into the system. Accordingly, we would like to have a property that warns us 30 days before the warranty expire. For example, it might give this error when entering the program.

As I understand, three windows will allow you to record new devices, sort the devices and control the warranty dates.

Yes, but also, it would be better to have another function that automatically assigns a unique number and another function to search devices according to borrowers who borrowed a device.

Second Interview with the Client

Date: 31 December 2021

After our first meeting, I created a bullet list to see and control the features I will code. Therefore, I would like to hear your opinions on this list, and most importantly, if you have any new requests or any other changes you want to make, I would like to hear them.

(Showing the bullet points)

These are pretty good and ok for me. I want to add some new things that you can create.

Thank you. I would like to hear what these are.

I guess you wrote "adding new categories."

Yes, I decided to create that method to increase the program's flexibility.

I was hoping you could update this method to create a new category by choosing the property amount. Therefore, we can increase or decrease the property amount of a device category.

Ok, I noted it. Do you have any other requests for me to add?

Yes, I have. I want to keep track of the devices by looking at their history (log). A method that records some functions like assigning or removing that device. There can be a window where I can choose the device via its id and then see its history.

I want to print the list of the devices according to some filters as `All Devices`,`Assigned Devices`,` or `Unassigned Devices.

Other than that, I want to change the input of the warranty date of a device. It would be better to have a chance to indicate the guarantee period in the type of year, month, or day.

I will add all of these to the bullet points and update the list according to the changes you said. Do you have any questions or requests?

No, I don't have any more requests right now. In the progress of the development, we can talk again if you want.

Yes, we can talk about the process in the future. Thanks for your interest. It was a pleasure for me. See you.

See you.

Third Interview with the Client about the Screen Designs

Date: 14 January 2022

I wanted to show you the screen designs I designed as a sketch before programming in this interview. Here they are.

(I started to share the designs)

Do you want me to change anything on this login page?

No, I don't have. This screen looks ok to me.

Do you want me to change anything on this panel page?

No, I don't have. This screen looks ok to me.

You can see and change your nickname and password on this ACCOUNT screen. Also, you can create an account to give another person to spectate or change the data according to the permissions you provided while creating the account. There are SPECTATOR and ADMIN permissions. Spectators will be able to spectate the data; conversely, the Admins can change the data as you can as MAIN ADMIN.

This feature that I can create another account for others is very beneficial. However, I would like you to change the abilities of the ADMIN permission. I want them to assign the devices to another profile.

Therefore only MAIN ADMIN will be able to change any data. Also, if you change the ADMIN name to MODERATOR, it would be better.

Would you like to see the status of a device as a symbol as you see on the image or text? There are three statuses: AVAILABLE, IN USE, and OUT OF ORDER.



I would like to see the status of the devices as a text so that I can understand them faster. Also, there is one more status you have to add, named UNDER REPAIR, to show that a device is under repair.

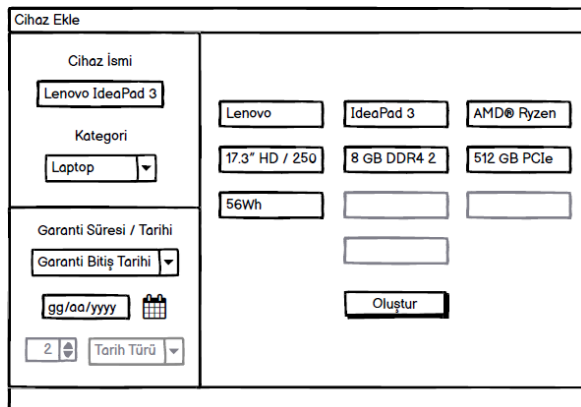
Do you want me to change anything on this device log page?

No, I don't have. This screen looks ok to me.

Each device will have its own properties screen. A device's properties are named DEVICE NAME, ID, CATEGORY, and TECHNICAL PROPERTIES. Therefore, you can filter the inventory according to whatever property you want.

Normally, I separated the devices according to their serial number especially. So, you have to add the serial number property to the devices. Also, I have to specify the serial number while adding a device to the system.

I will add that property. Also, there is a screen to you to add new devices, as you can see on my screen right now. According to your saying, I have to change this screen to the serial number.



When new devices arrive at school, there are a bulk of devices we have to add. I added one device and copied the device to increase the same device's amount. Maybe, you can add a function to copy and change the serial number into device properties.

I can add another efficient function that will allow you to add devices with an amount limited to ten. To specify the serial numbers, ten text bars will be enabled according to the specified number. Therefore, you can add a bulk of the same devices while specifying their serial numbers.

This idea is perfect and efficient for our problem. This will make our work easier.

(I changed the screen after the interview as in the image)

Cihaz Ekle		
Cihaz İsmi <input type="text" value="Lenovo IdeaPad 3"/>	<input type="text" value="Lenovo"/> <input type="text" value="IdeaPad 3"/>	Cihaz Adedi: <input type="text" value="10"/>
Kategori <input type="text" value="Laptop"/>	<input type="text" value="AMD® Ryzen"/> <input 250"="" hd="" type="text" value="17.3"/>	Seri Numaraları <input type="text" value="XXXXXXXX"/> <input type="text" value="XXXXXXXX"/> <input type="text" value="XXXXXXXX"/> <input type="text" value="XXXXXXXX"/> <input type="text" value="XXXXXXXX"/> <input type="text" value="XXXXXXXX"/> <input type="text" value="XXXXXXXX"/> <input type="text" value="XXXXXXXX"/> <input type="text" value="XXXXXXXX"/> <input type="text" value="XXXXXXXX"/>
Garanti Süresi / Tarihi <input type="text" value="Garanti Bitiş Tarihi"/>	<input type="text" value="8 GB DDR4 2"/> <input type="text" value="512 GB PCIe"/>	
<input type="text" value="gg/aa/yyyy"/>	<input type="text" value="56Wh"/>	
<input type="text" value="2"/>	<input type="text" value="Tarih Türü"/>	
<input type="button" value="Oluştur"/>		

Do you want me to change anything on these profiles, profile properties, profile history, and add a profile page?

No, I don't have. This screen looks ok to me.

Do you want me to change anything on these categories, category properties, add a profile, and upload the CSV page?

No, I don't have. This screen looks ok to me.

Client Feedback on the final program

Date: 14 May 2022

- **Does the program have the necessary functionality that you requested?**
 - Yes
- **Does the login screen meet all the requested functions and requirements?**
 - Yes
- **Does the dashboard screen meet all the requested functions and requirements?**
 - Yes, but it would be better to have a bigger screen.
- **Does the menu bar meet all the requested functions and requirements?**
 - Yes
- **Does the accounts screen meet all the requested functions and requirements?**
 - Yes
- **Does the `create account` screen meet all the requested functions and requirements?**
 - Yes
- **Does the `edit account` screen meet all the requested functions and requirements?**
 - Yes
- **Does the inventory screen meet all the requested functions and requirements?**

- Yes, but an additional filter to sort the table can be added, such as according to ascending or descending order.
- **Does the categories screen meet all the requested functions and requirements?**
 - Yes
- **Does the profiles screen meet all the requested functions and requirements?**
 - Yes
- **Does the `add device` screen meet all the requested functions and requirements?**
 - Yes
- **Does the device log screen meet all the requested functions and requirements?**
 - Yes
- **Do the warranty warnings meet all the requested functions and requirements?**
 - Yes. However, an external version of the warnings would be efficient for us not to lose track of the devices' warranties.
- **Does the profile log screen meet all the requested functions and requirements?**
 - Yes
- **Does the `add category` screen meet all the requested functions and requirements?**
 - Yes
- **Does the `add profile` screen meet all the requested functions and requirements?**
 - Yes
- **Does the `export` method meet all the requested functions and requirements?**
 - Yes, but still, it could be more beneficial if other types of files were available.
- **Does the `import CSV File` method meet all the requested functions and requirements?**
 - Yes
- **Does the `e-mail verification` method meet all the requested functions and requirements?**
 - Yes – It meets the needs, but having a system to change the e-mail address that the e-mails are sent from might be needed in the future due to the employment of IT specialists.
- **What would you give this program out of 10 for your overall satisfaction?**
 - 9 out of 10. It meets all of the requirements and my needs, but the minor changes that I stated would change my rate to 10.
- **Did you face any errors or bugs while using the program?**
 - I have not faced any errors or bugs yet. The program seems to be working smoothly.
- **What additional features would you like to have in this program in the future?**
 - Export in file type PDF
 - Previously mentioned features