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EARTHQUAKE





TAGGING OF PERSONS IN DISASTER AREAS AND DATA TRACKING

As we have experienced in the earthquake region, especially in the Gaziantep İslahiye region, one of the most important problems was the lack of tagging of unclaimed bodies, wounded and valuable objects recovered from among the debris.

Our system has been developed to solve this problem.





**FOR THE LIVES SAVED IN THE
EARTHQUAKE!**



HOW DOES THE SYSTEM WORK?



NFC Bracelet Tag
It will be added to the Search
and Rescue Team inventory
and used in the field.I say.





NFC playback will be done with the phone/tablet on which our application is installed.



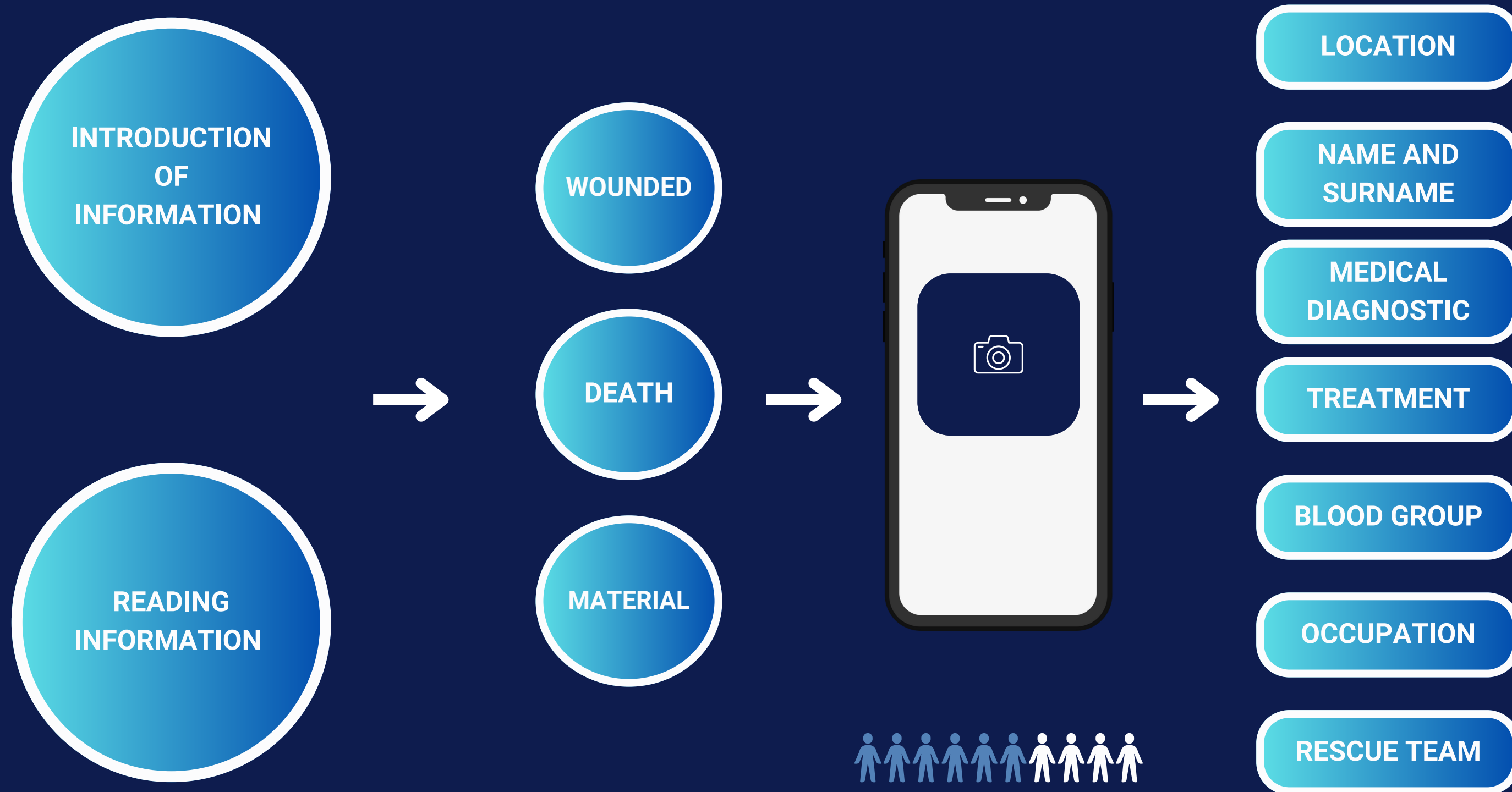
The digitization of the two documents that need to be filled out after a disaster by INSARAG, INSARAG After Action Review (AAR) Report and INSARAG Team Information Sheet (TIS), aims to facilitate rapid data collection, personnel tagging, and tracking. This process ensures that data can be quickly collected and analyzed, team members and tasks can be easily tracked, decisions can be made more swiftly and effectively, and post-operation evaluations can be conducted more systematically.

Victim Extrication Form								Incident/Sector Situation Report							
															
Form used to collect basic information of all victims extricated to be handed to the UC or LEMA as instructed.								Tool used to summarise operations and situation in an incident or sector.							
E1. Worksite ID		V1. Victim Number		Mark the intended use of this form:				If a Sector Report, complete the following							
				1 Incident Report				3 Sector Id							
				2 Sector Report				4 Sector Name							
		Reporting Period		5 Start date:		6 Start time:				7 End date:		8 End time:			
Situation - this Reporting Period															
Number of USAR teams				Heavy:		Medium:		Other:							
Total Number of Identified Worksites															
Worksite situation information				Total		ASR 3		ASR 4		ASR 5					
Number of currently active Worksites															
Number of currently pending Worksites															
Number of currently completed Worksites															
Victim situation information				Current Period		Overall									
Number of live victims rescued				Sayfa 1											
Dead victims recovered															
Other activities:															
Safety issues:															
Security situation:															
Planning															
Next operational/reporting period		21 Start date:		22 Start time:		23 End date:		24 End time:							
Objectives for next operational period:															
Are any additional Teams needed?								Heavy		Medium					
Are any other resources needed?															
Are any teams or other resources available for reassignment?															
Other planning issues															
Sayfa 2															
Form completed by:				Name:				Title/position:							



After reading FC, the options are will be visible for each information.





**The data can also be processed
using voice commands!**



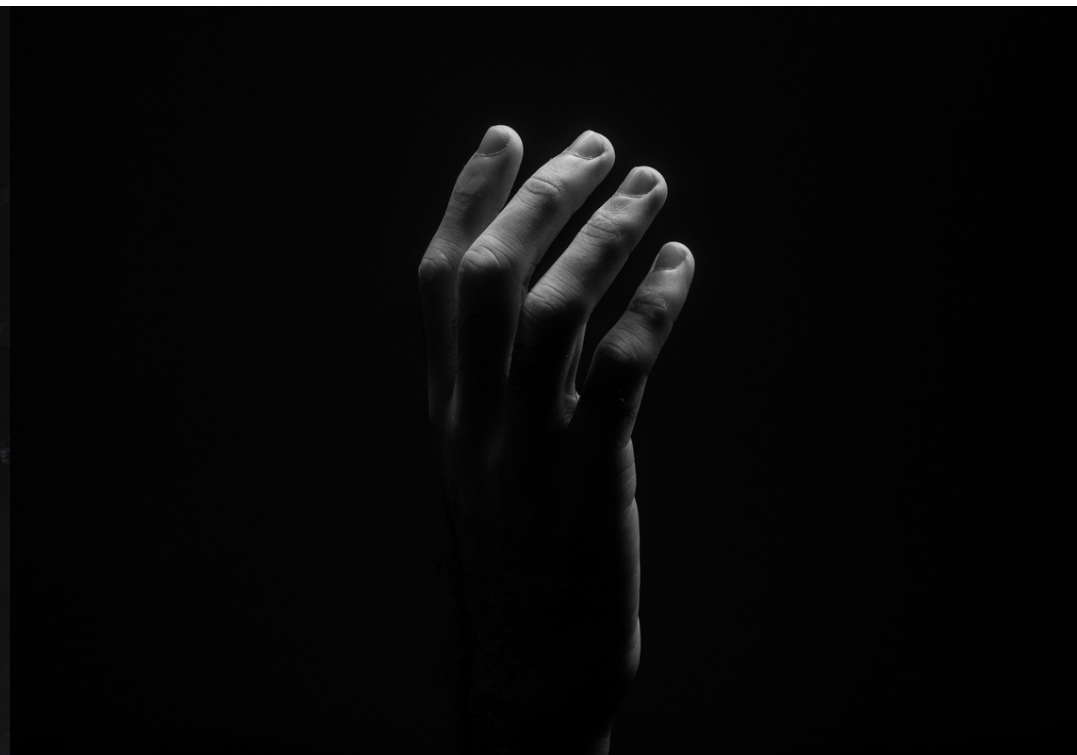
Name Surname	Ozan Gürçay
Address	XYZ Street No. 23 Kırıkhan Hatay
Medical Diagnosis	130 hours under debris, right arm fracture
Treatment	Serum administered
Blood Group	O Rh+
Occupation	Police
Rescue Team	BAKUT



In this way, information will be obtained about the rescued person from among the debris and the treatment methods applied.

Within the information stored on the server, the information of the disaster victim is analyzed; if lost, it will be found within the data.

Using data center information, the people sought will be found through image processing.

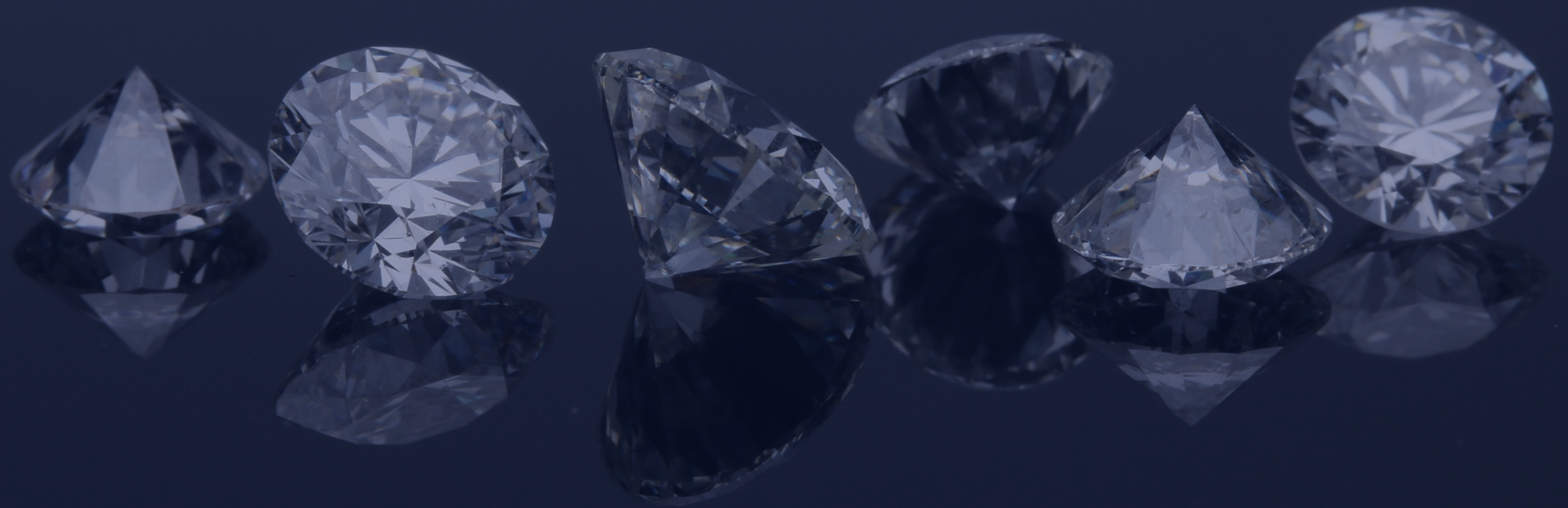


With this application, the families of disaster victims; Where? Where? Who? etc. will find answers to your questions.

Using data center information, the information of the disaster victim sought will be linked to the image processing feature. In this way, the number of victims of unidentified disasters will be minimized.



VALUABLE OBJECTS TAG





HOW DOES THE SYSTEM WORK?

**Storage packages tagged NFC Search and Rescue
Equipment will be added to the inventory.**

NFC reading will be done with the phone/tablet on
which our application is installed.



LOCATION

MATERIAL

IMPORTED

SEARCH TEAM

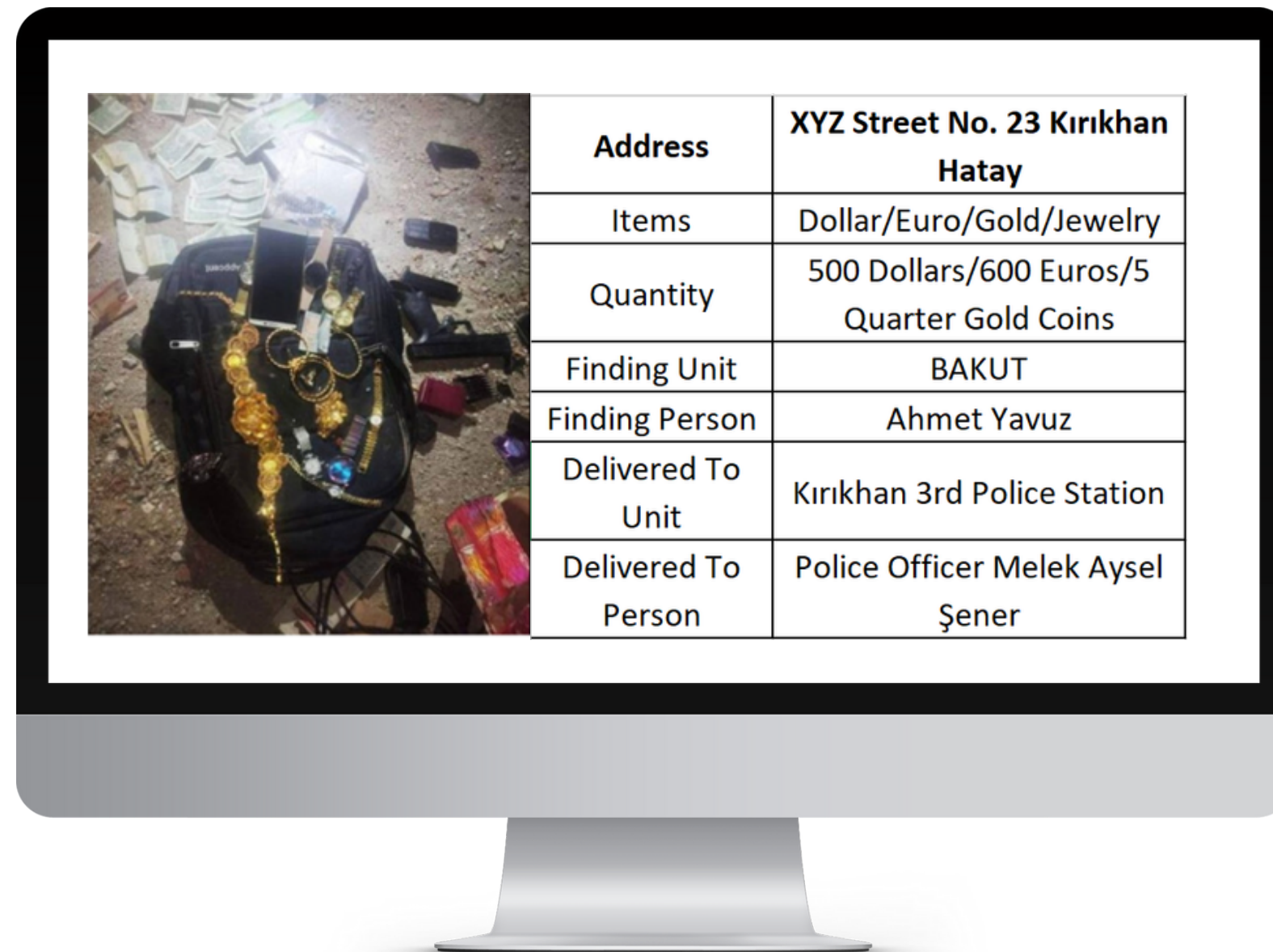
ENCONTRAR
PERSON

DELIVERY TEAM

DELIVERY
PERSON

After NFC scanning, the desired interface can be created by offering options.

Data can also be processed by voice commands.



Click to watch the application video:

Value objects found must be tagged.

Within the data stored on the server,
you can easily access lost objects
from the data repository.





Duhan Duhan
dcanbakan@gmail.com

HIZLI MENÜ
(QUICK MENU)

ANA SAYFA

(HOME PAGE)

BİLGİ GİRİŞİ

(INFORMATION ENTRY)

BİLGİ OKU

(READ INFORMATION)

İSİM ARA

(SEARCH NAME)

TC ARA

(SEARCH IDENTIFICATION NUMBER)

ETİKET ARA

(SEARCH LABEL)

RESİM ARA

(SEARCH PICTURE)

PROFİL AYARLARI

(PROFILE SETTINGS)

ŞİFRE DEĞİŞTİR

(CHANGE PASSWORD)

Çıkış Yap (LOG OUT)



TALAID APP



Bilgi Girişi
(Information Entry)



TALAID APP



İsim Ara
(SEARCH NAME)



TC Ara
(IDENTIFICATION
NUMBER SEARCH)



Bilgi Oku
(Read Information)



Etiket Ara
(SEARCH NFC TAG)



Resim Ara
(SEARCH PICTURE)

Our application interface has the options to search for the recorded event, save it to the new event, as in the visuals. It is possible to make calls to the registered affetzede using the staff ID number, photo, nfc tag system and surname.



İsim Ara

Veysel

Ara

İsim ↑	Durum	Detay
veysel koç	Yaralı (Wounded)	Detay (Detail)

< koç Sarı Candan ...

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

↑ z x c v b n m ↵

!#1 , Türkçe . Tmam

İsim Ara

Veysel

veysel koç Detay

İsim Soyisim: (Name-Surname)
veysel koç

TC Kimlik Numarası: (Personnel Identification Number)
39961725158

Kazazede Durumu: (Casualty Status)
Yaralı

Kan Grubu:

Tıbbi Tanı:

Kapat

İsim Ara

Veysel

veysel koç Detay

Kan Grubu: (Blood Group)

Tıbbi Tanı: (Medical Diagnosis)
heheue

Yapılan Tedavi: (Treatment)
euueueud

Bulunduğu Adres: (Address)
hwjeehe

Kapat

İsim Ara

Veysel

veysel koç Detay

hwjeehe

Meslek: (Occupation)
mühendis

Ambulans Plakası: (Ambulance Plate)
42u6058

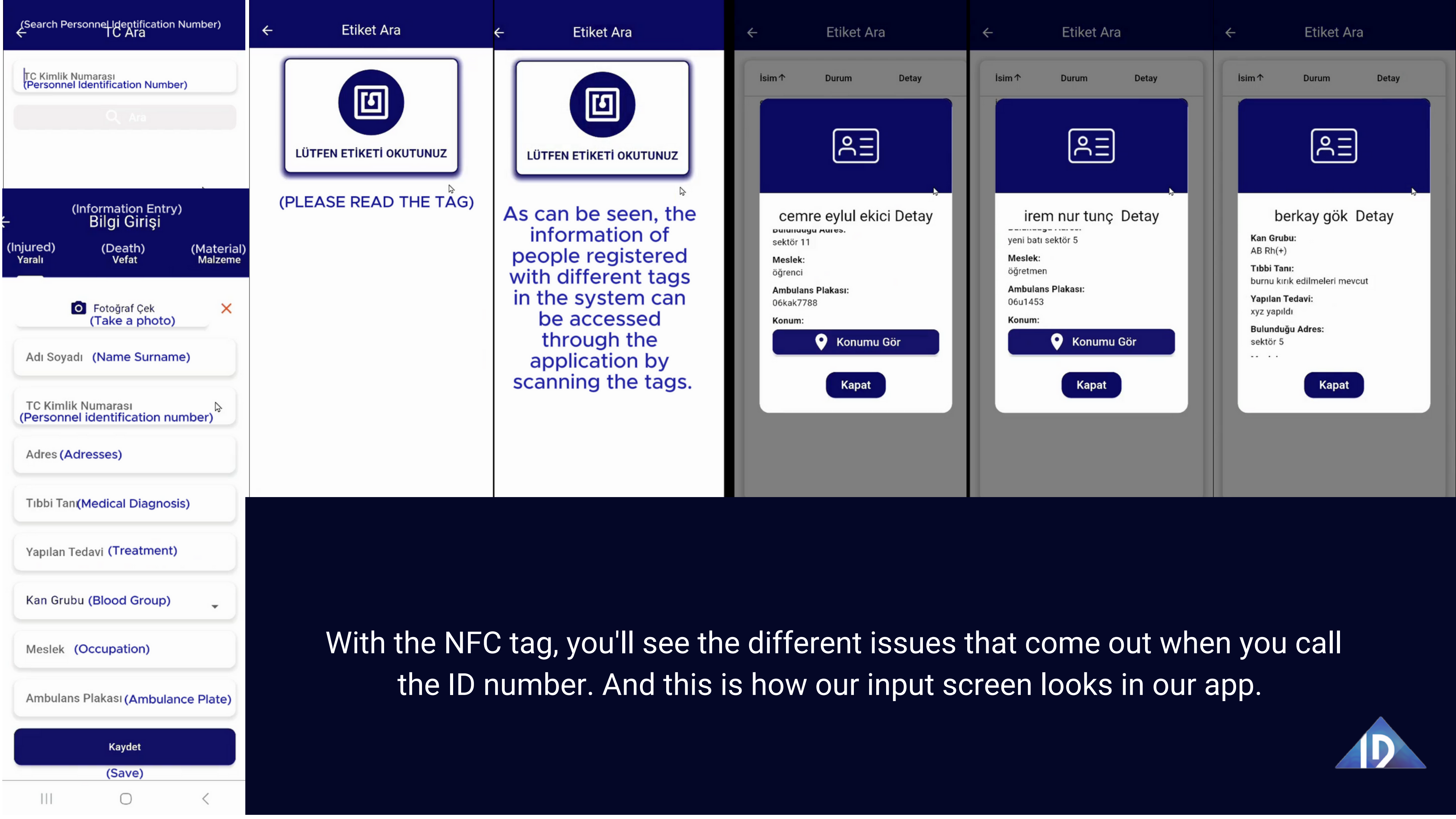
Konum: (Location)

Konumu Gör
(See Location)

Kapat
(Close)

When the patient is registered, name-surname, personal identification number, condition at the accident, blood group, medical diagnosis, treatment, address, occupation, ambulance plaque, location information are entered. Additionally, a photo can be added. All this information can be accessed when a registered patient is searched.

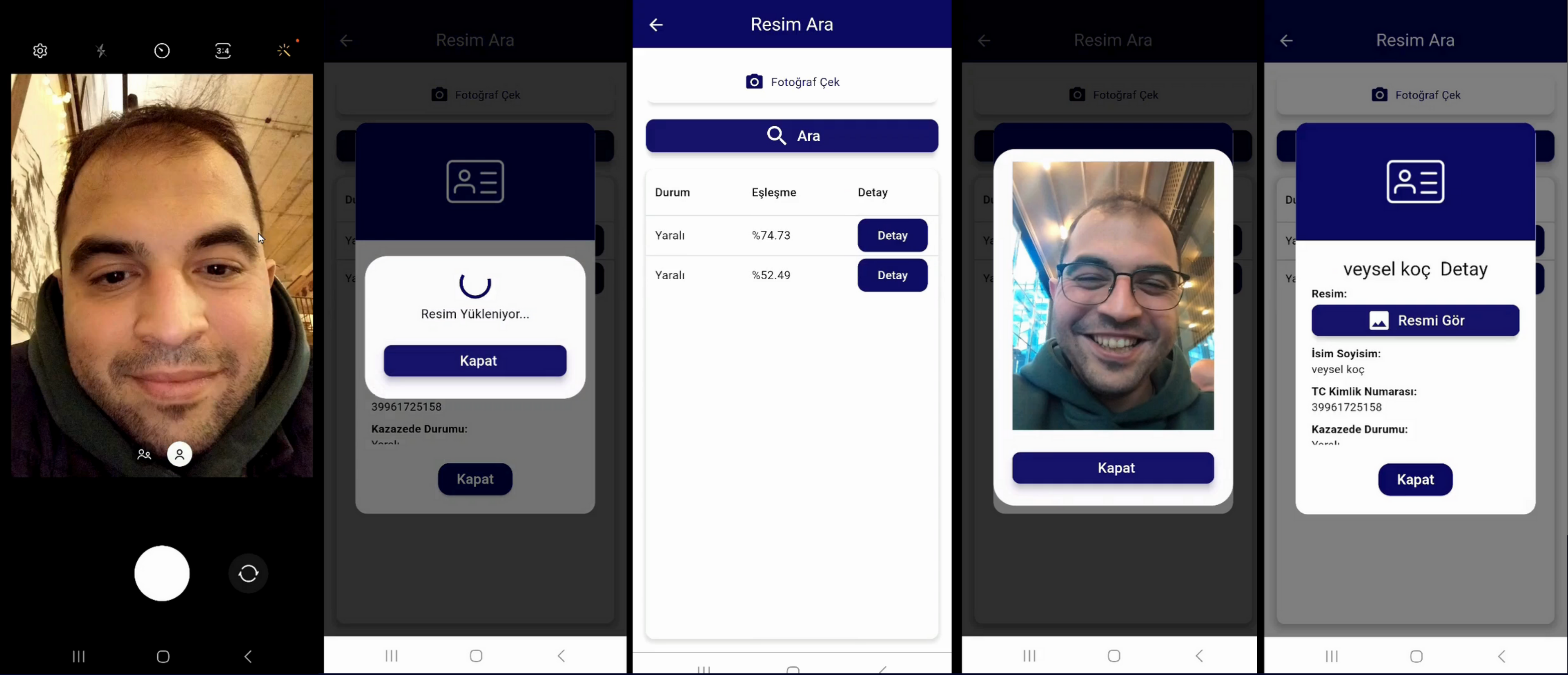




As can be seen, the information of people registered with different tags in the system can be accessed through the application by scanning the tags.

With the NFC tag, you'll see the different issues that come out when you call the ID number. And this is how our input screen looks in our app.





You can upload the recorded image with the camera or from the gallery to access the record and information between matchings that can be searched for.



Our mobile application allows for the entry of all necessary information about disaster victims, aiming to alleviate all post-disaster grievances. The application provides access to personal information through various methods, including name and surname, photograph, personnel ID number, and wristband tag. In this context, our application enables the rapid and accurate collection and analysis of data, effective monitoring and support of victims, and more systematic post-operation evaluations.

Our application works in conjunction with the data centers of the relevant ministries to prevent the loss of survivors or deceased individuals after a disaster, as well as to avoid losses due to incorrect treatment methods (such as allergic reactions). It ensures easy access to patients' medical histories, facilitating appropriate interventions. Additionally, it aims to accurately record valuable items found after a disaster.

The application can operate both online and offline, ensuring uninterrupted service and contributing to the efficient management of post-disaster processes.

[Click to watch the application video:](#)





0312 502 67 46
0507 500 65 00
www.mergenaero.com.tr
veysel@talaid.com

Veysel KOÇ - FOUNDER * TALAI MARITIME CONTROL SOFTWARE AUTOMATION SYSTEMS COMPANY