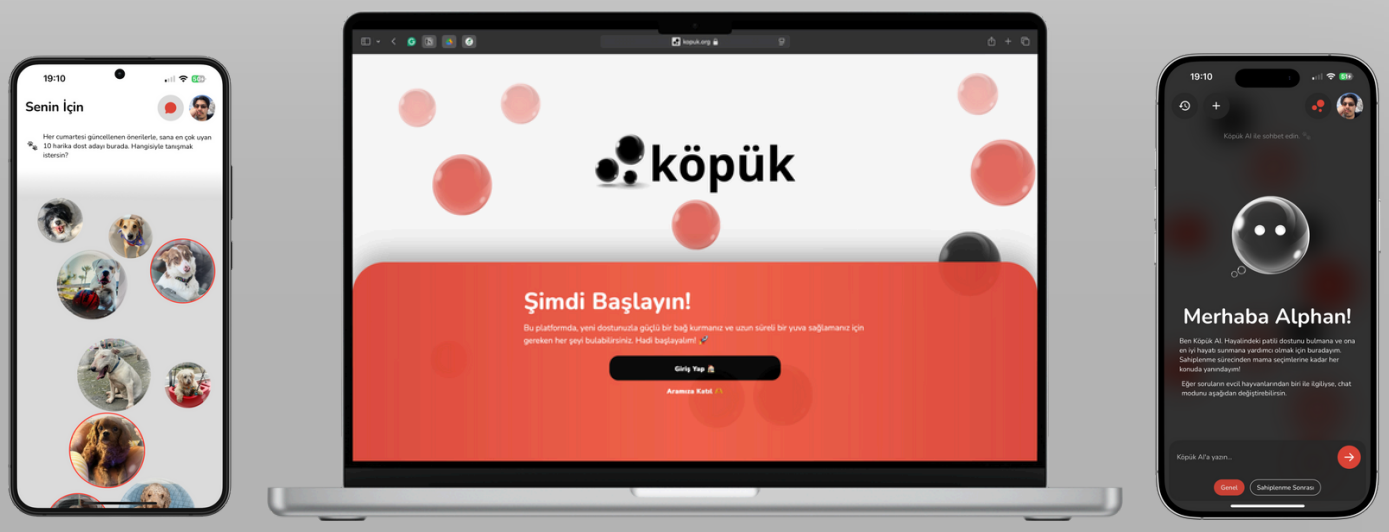
köpük

User Manual

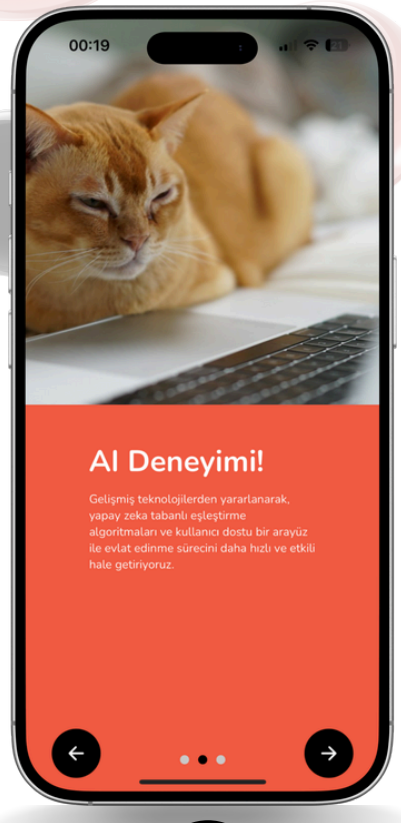
Köpük is an innovative platform designed to make the pet adoption process in Türkiye more accessible, transparent, and efficient, addressing the country's low adoption rates for stray animals. By bringing together shelters, associations, and animal lovers under one roof, Köpük aims to streamline adoption procedures and help more furry friends find safe and loving homes.



User Manual

Initial Screens

1

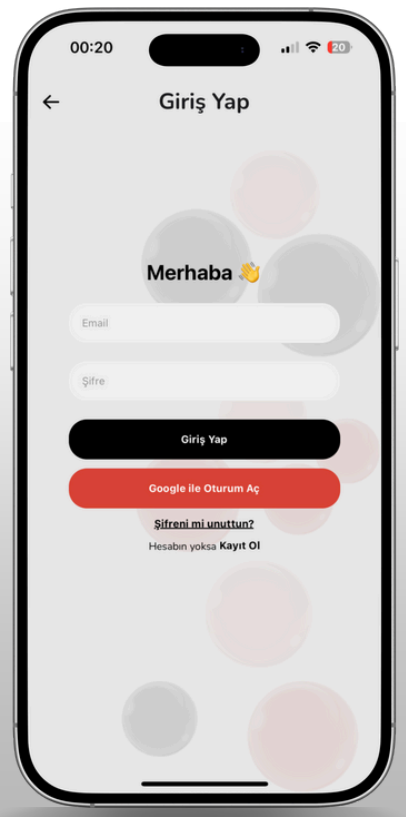


2

3

The initial screens (welcome pages) that provides users with information, can be navigated with left and right buttons. The actual login or sign-up options are available on the final page, where users can choose to login or create a new account.

Login Page



4

The login page is designed to provide users with a straightforward and efficient way to access their accounts. At the center of the page, there are fields labeled “Email” and “Password” where users can enter their credentials. Below these fields is a prominent “Login” button, inviting users to sign in to their accounts. To the right, there is a “Google Login” button, offering a quick alternative for those who prefer using their Google credentials.

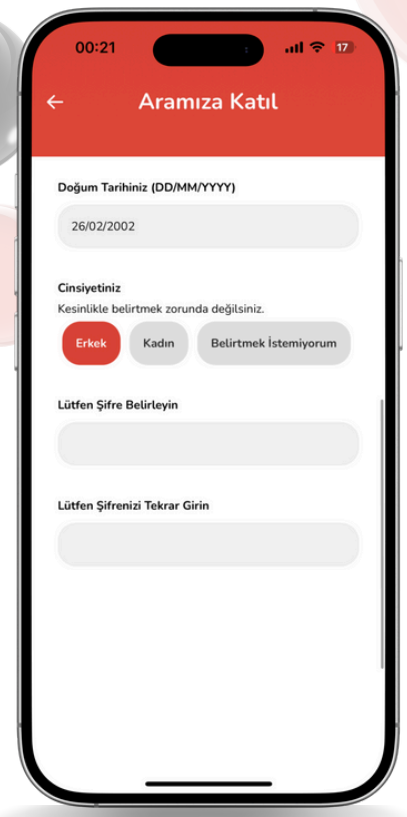
Just below the login options, there is a “Forgot Password?” button, which users can click if they need to reset their password. Additionally, new users will find a “Register” button, guiding them to create a new account. The layout is clean and intuitive, ensuring that users can easily navigate and access the options they need.

User Manual

Register

5

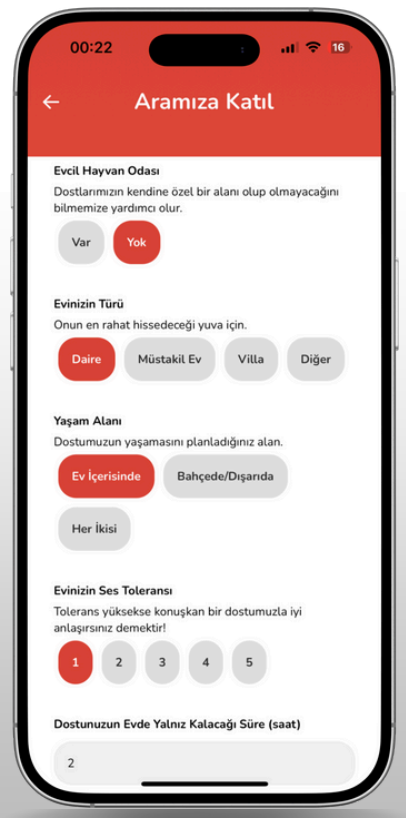
6



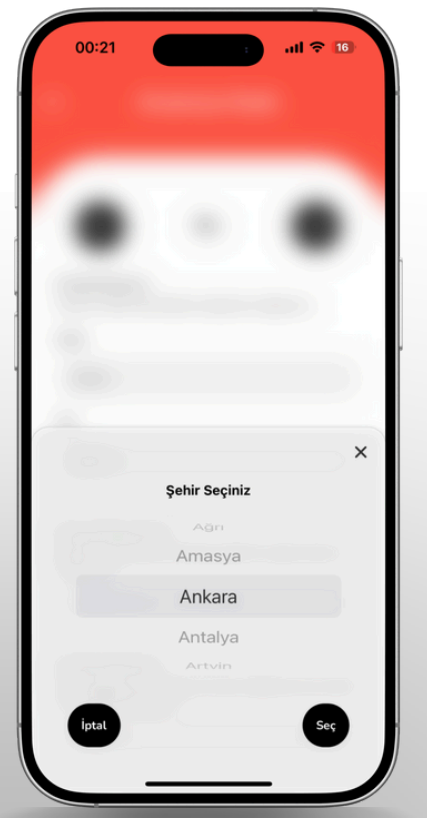
7

On register page, user should fill each input to go to next page. There are several types of inputs in register, which are text, number, date, yes/no, and select list inputs.

8



9



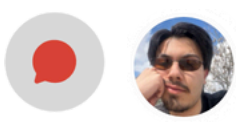
10

User Manual

Main Screen

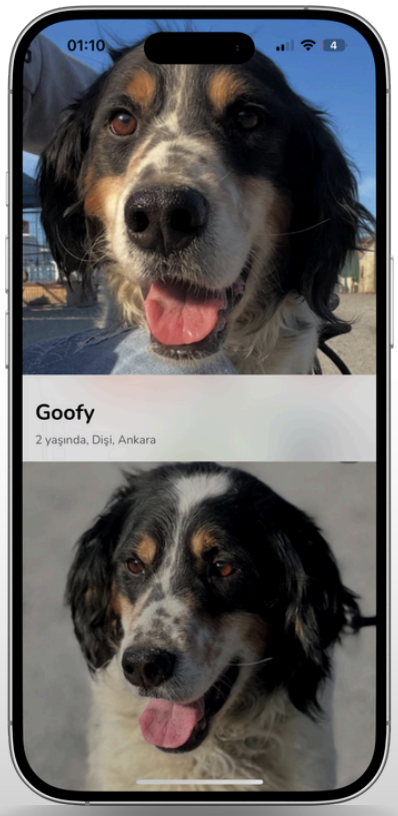
11

Home screen is the center of Köpük. In th's page, users see 10 recommended animal. User can scroll up or down to see all bubbles.



On the right top of the page, user can go profile page, or Köpük AI.

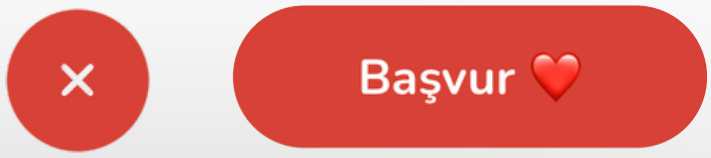
User can click each moving animal bubble, and animal detail modal will be opened.



12

13

On the Animal Detail Modal, user can see each important detail of the animal. At the bottom of the page, user can close the detail page, or start the application.



User Manual

Application Screen

14

15

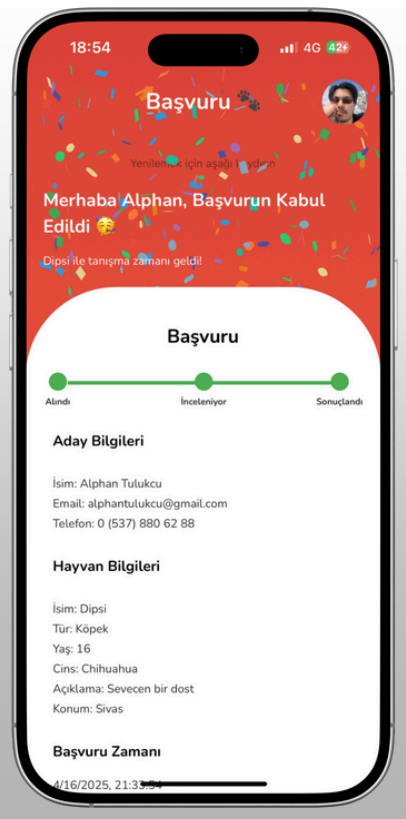
16

On the Application screen, user can click the button to start application.

Hemen Başla

In the Application page, there are same input types as register screen. user should fill each input, then submit the application with the button.

Başvurunu Tamamla



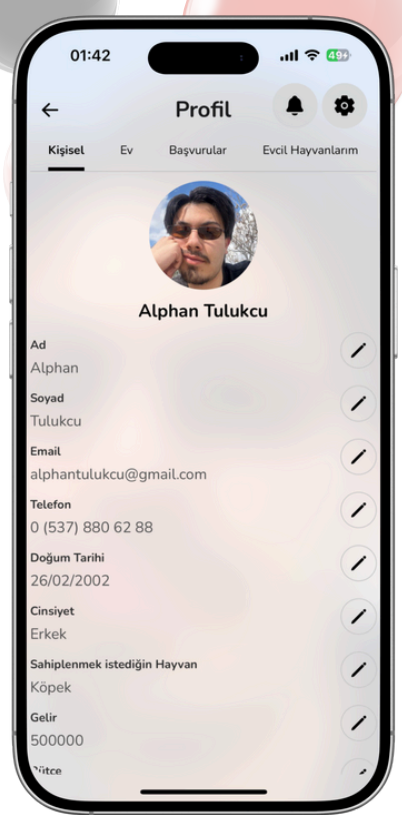
17

After a successful application, there is nothing to do for user, since all the pages are restricted until the application process ends. Therefore, user can wait application process on this page, and view the answer of the questions.

If user's appplication is approved, user can add the animal to the animal list, and start to use the app.

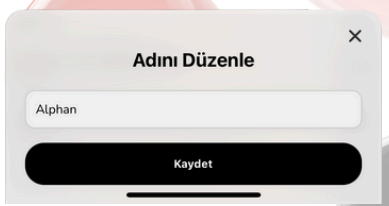
User Manual

Profile Page



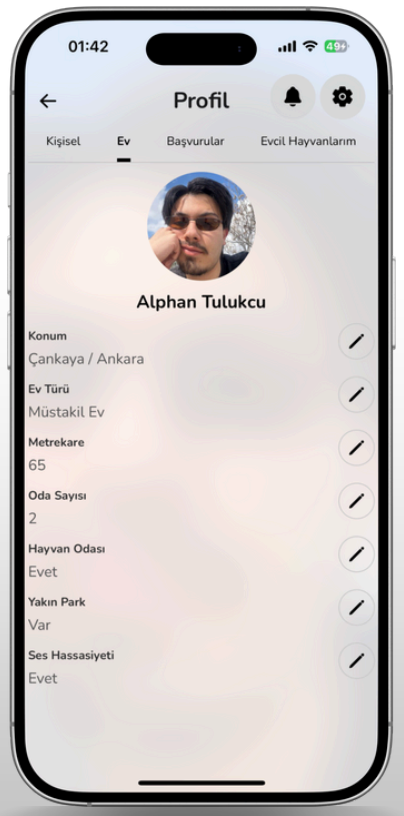
18

On the Profile page, user can see four different tabs. First tab contains the personal information which is given in register step. On the home tab, users can see information about their home. In both of these tabs, each information is editable by using the edit button

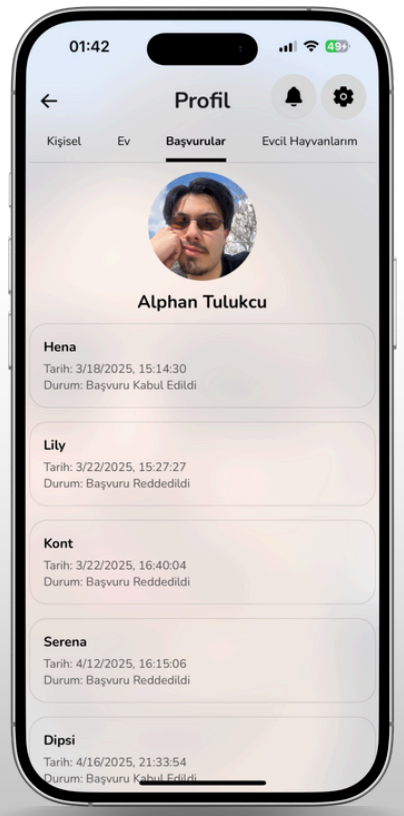


User can go notifications page or view settings popup with these buttons

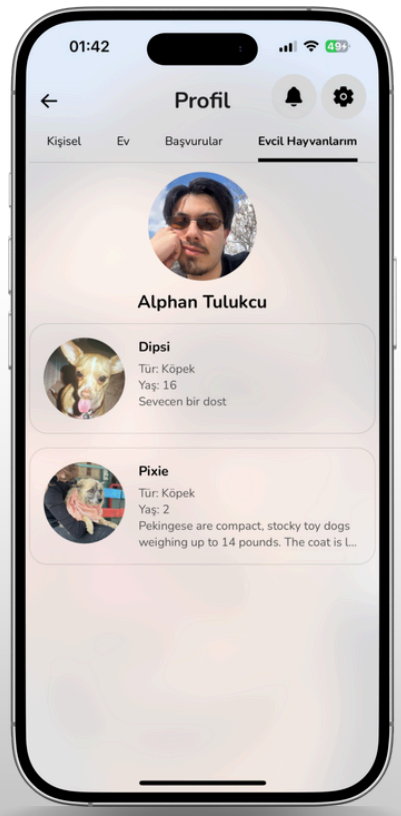
With settings popup, user can change some settings about app, and can logout.



19



20

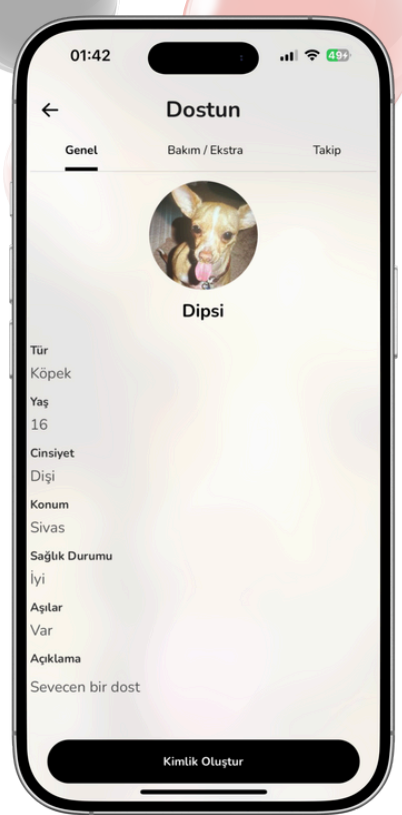


21

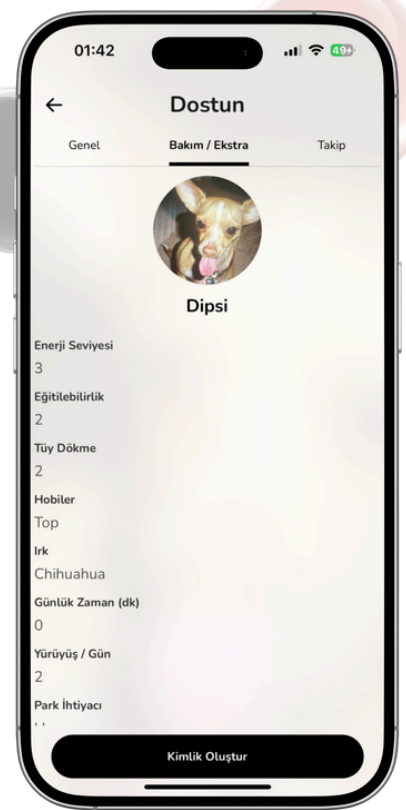
On the Applications tab, user can see previous completed applications and see the Application page same as 17. On the My Pets Tab, user can see adopted animals on the Köpük App. If the user clicks an animal, the animal page will be opened.

User Manual

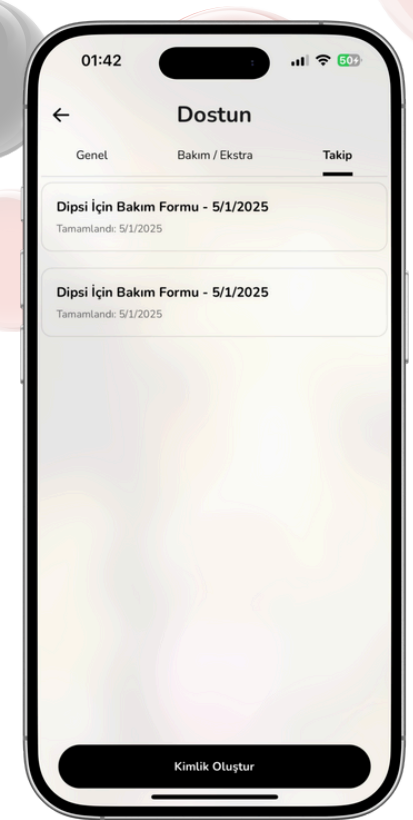
Animal Page



22

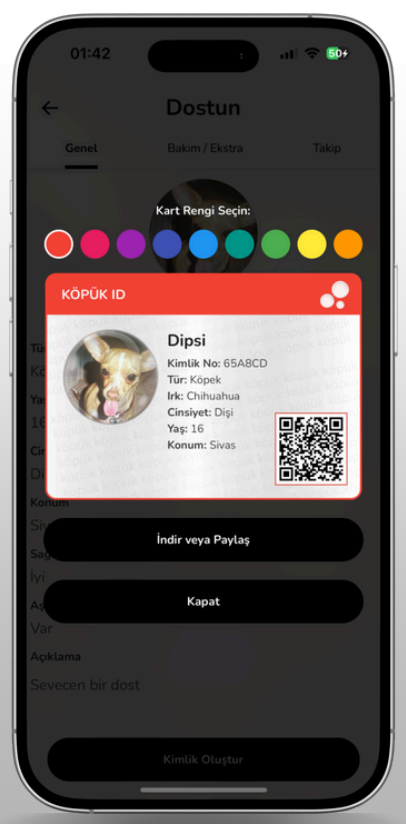


23



24

Animal page has similar structure with profile page. For General and Extra tabs, user can see non-editable information about the animal. On the Track page, user can see requested and filled Post-Adoption forms given by for each 45 days.



25

With the Generate ID button, the user can generate a unique ID for the animal. This ID contains a unique QR code which will navigate to the public Animal Information Page. User can change the color of the ID with color circles, and save the generated ID and close the ID popup with black buttons.

User Manual

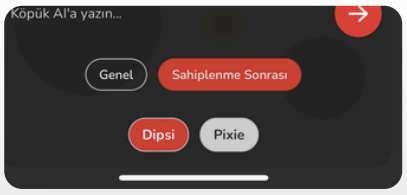
Köpük AI

26

27

28

To support potential adopters and streamline communication, an intelligent chatbot has been developed, namely KöpükAI. Inspired by the real-world communication challenges observed by shelters such as Kurtaran Ev, the chatbot addresses frequent queries regarding animal care, health, and adoption procedures. The system is powered by a Large Language Model (LLM) trained on curated datasets, including shelter FAQs and verified information sources.



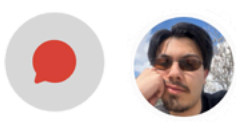
If user click Post Adoption button, Köpük AI will answer questions about the selected animal.

With these buttons, user can view the chat history, or open a new chat.

Application List (Shelter Side)

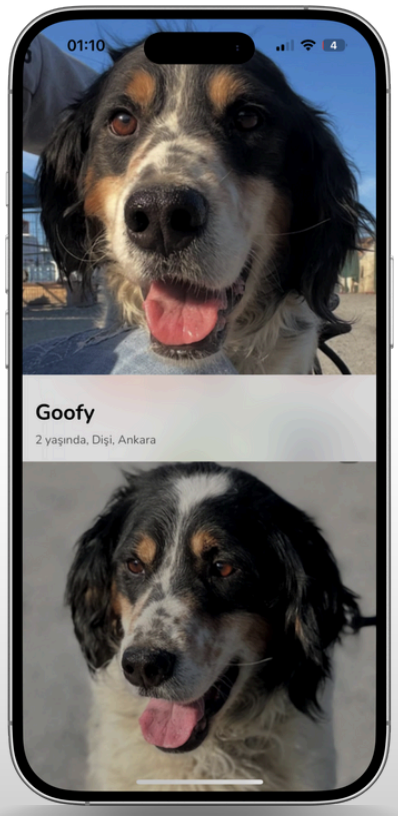
29

Home screen is the center of Köpük. In th's page, users see 10 recommended animal. User can scroll up or down to see all bubbles.



On the right top of the page, user can go profile page, or Köpük AI.

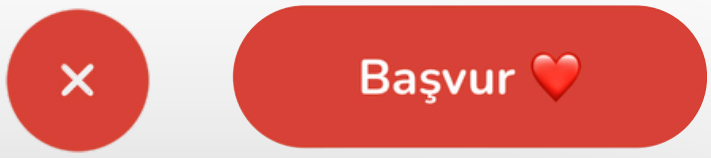
User can click each moving animal bubble, and animal detail modal will be opened.



30

31

On the Animal Detail Modal, user can see each important detail of the animal. At the bottom of the page, user can close the detail page, or start the application.

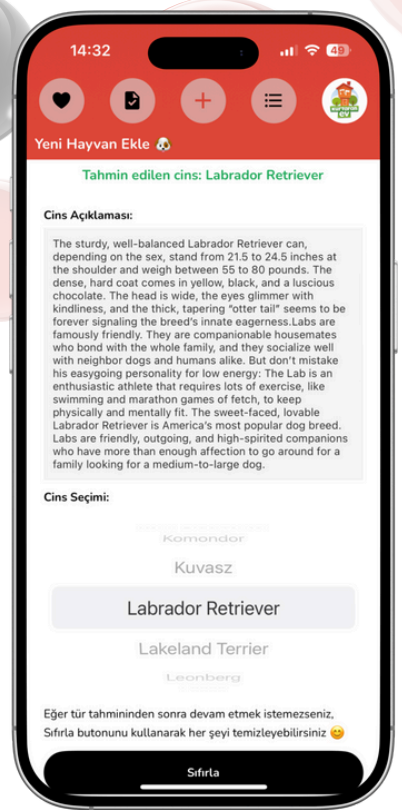


User Manual

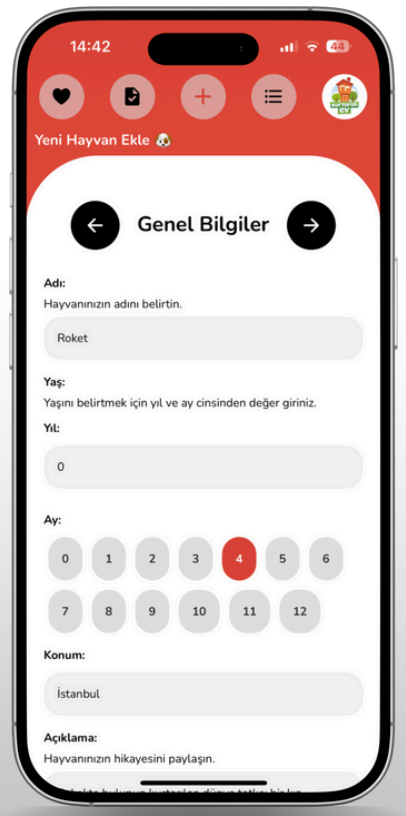
Add Amimal

32

33



34



35

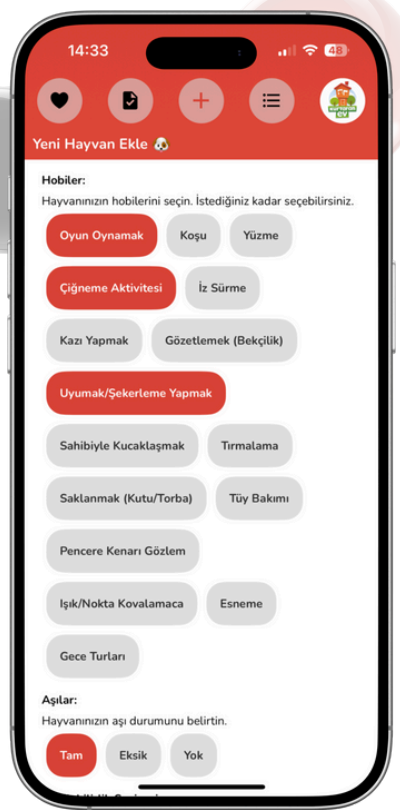
To add new animal, shelters shoud first select whether the new animal is cat or dog. After that, image upload part is enabled and user should upload exactly four images of the animal. If the animal is dog, the breed of the dog will be classified by our breed classificiation algoritm. After this, if user ensure that the predicted breed is true, user can go to the next part.

On each part, some information is retrieved by the breed classifciation algoritm. Also, user should fill each information properly so that candidates will see each information of the animal correctly. There are several type of inputs similar to register page.

User Manual

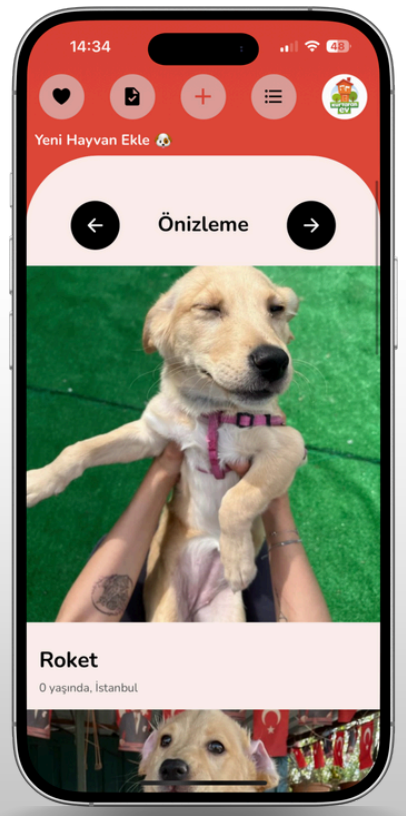
Add Amimal Ctd.

36



37

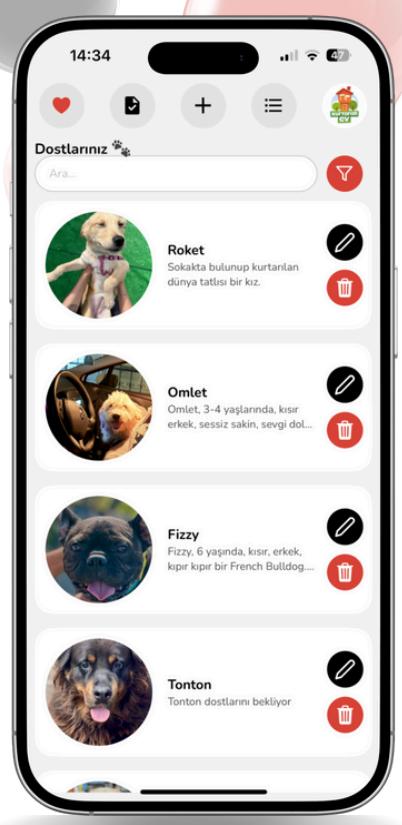
38



39

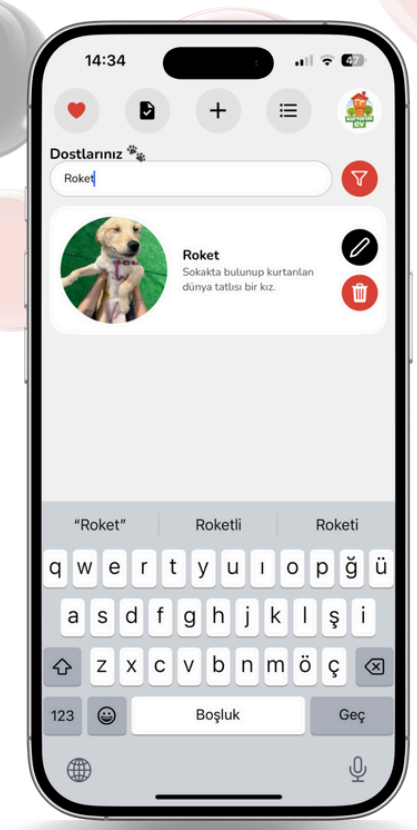
After filling all the fields, user can now share the animal after checking the Preview page.

Animal List



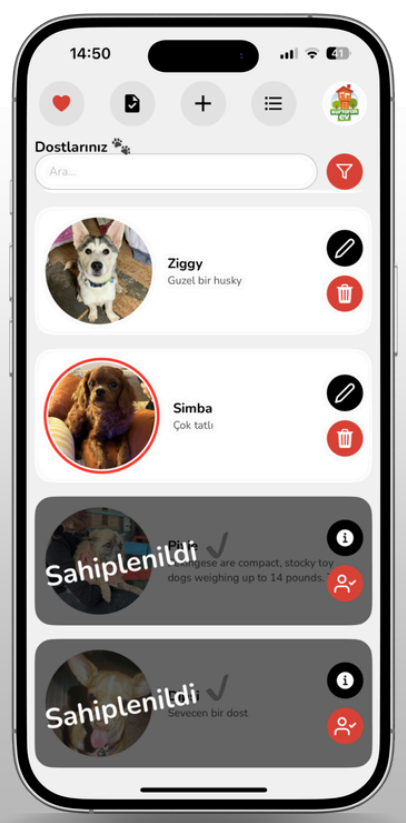
40

41



42

On the Animal List, shelters can see all the animals uploaded. They can search a specific animal with search bar, or filter the animals or change the order of the list.



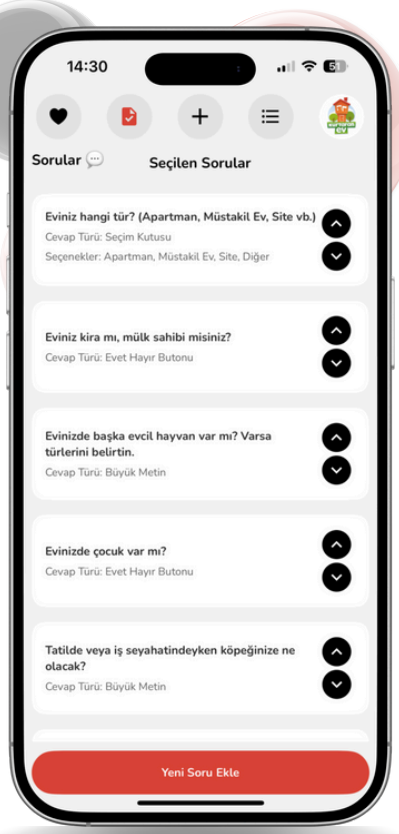
40

With the edit button, user can edit the animal information. The opened Edit Animal page is exactly same with the Add Animal Pages. The only difference is inputs are filled by existing animal information. Also, shelters can delete animal with delete button.

At the bottom of the list, they can also see adopted animals, and see Animal detail page to see the filled Post adoption forms (same as 22-25).

With the edit button, user can edit the animal information. The opened Edit Animal page is exactly same with the Add Animal Pages. The only difference is inputs are filled by existing animal information. Also, shelters can delete animal with delete button.

Question List



42

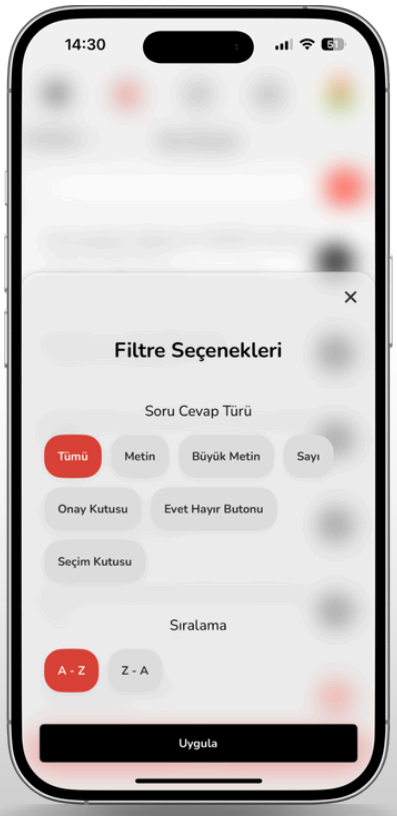
On the Question List, shelters can view all the adoption form question. They can search a specific question with search bar, or filter the questions or change the order of the list.

With these buttons, shelter can change the order of the questions which will be seen in the candidate adoption form

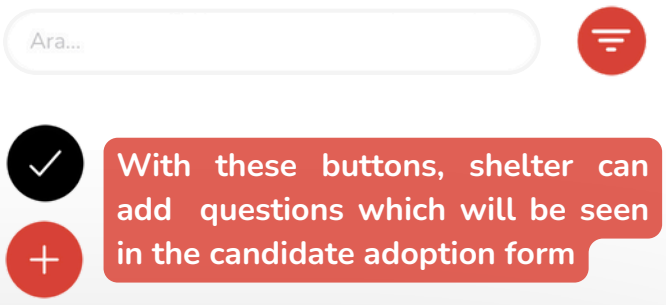
Yeni Soru Ekle

With this button, shelter can view the bottom pages to add new questions.

43

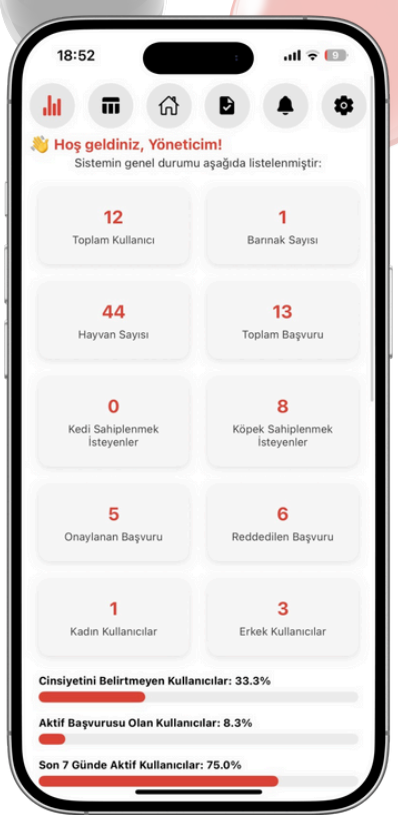


44



With these buttons, shelter can add questions which will be seen in the candidate adoption form

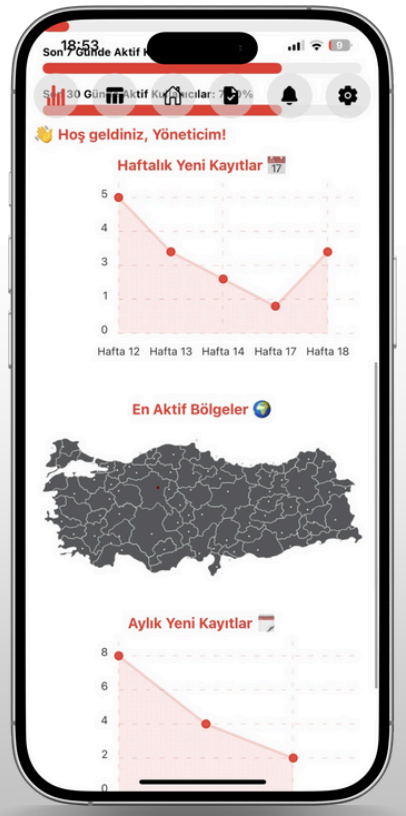
Analytics Page



This dashboard provides administrators with a quick summary of system activity and user engagement.

At the top, you'll see key statistics such as the total number of users, shelters, and animals in the system. It also displays adoption interest, showing how many users want to adopt cats or dogs, as well as the number of approved and rejected applications.

Gender-based user distribution and application activity percentages are summarized at the bottom, including the rate of active users in the past 7 days.



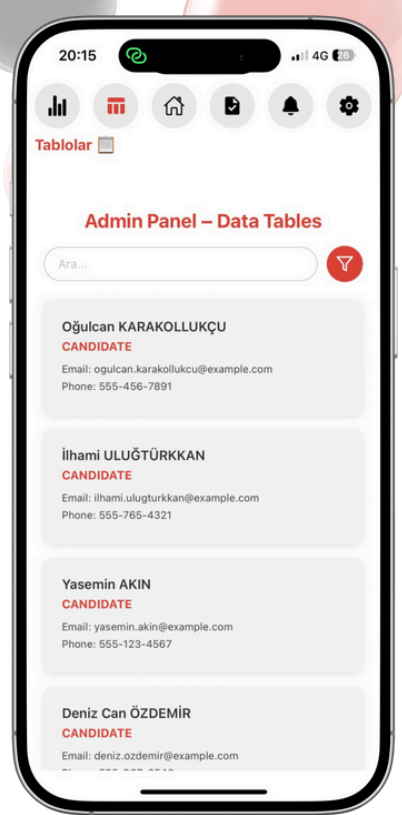
This screen presents advanced insights into platform engagement.

The weekly and monthly registration charts provide a visual trend of user sign-ups over time, allowing administrators to monitor growth patterns and identify drop-offs.

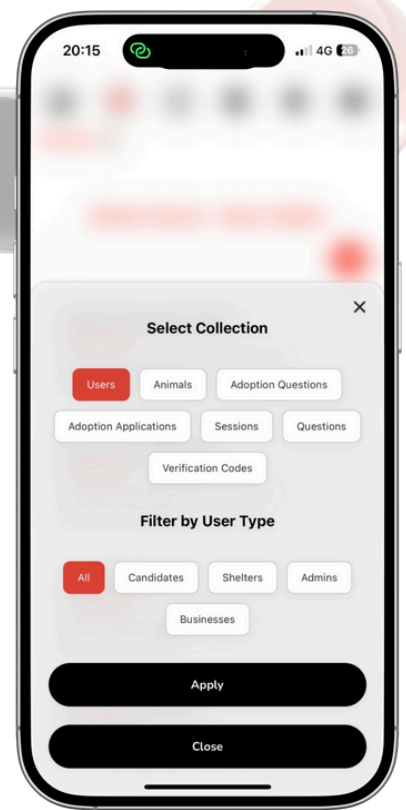
The regional activity map highlights the most active provinces, giving a geographic overview of platform usage across Türkiye. This data helps in tailoring outreach efforts and evaluating the impact of regional campaigns.

User Manual

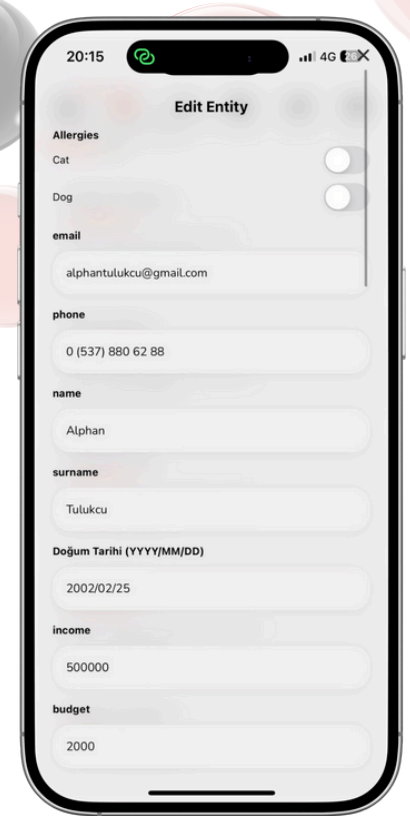
Tables Page



47

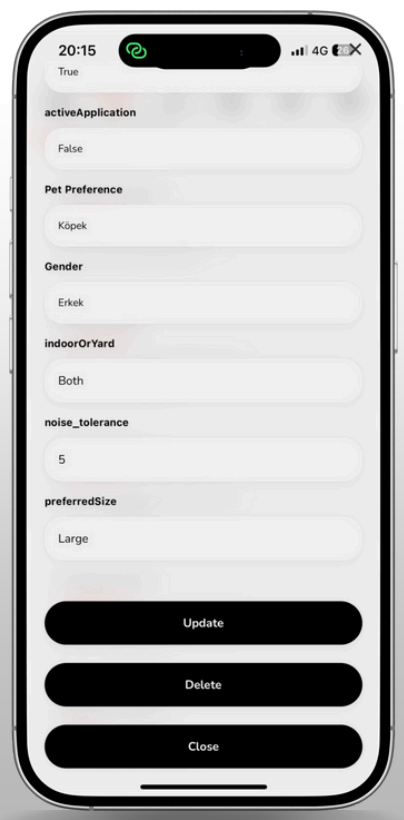


48



49

On the Tables page, admins can see all the canditates, shelters, admins, animals, sessions, questions and verification codes. They can search a specific canditates, shelters, admins, animals, sessions, questions and verification codes with search bar, or filter them.

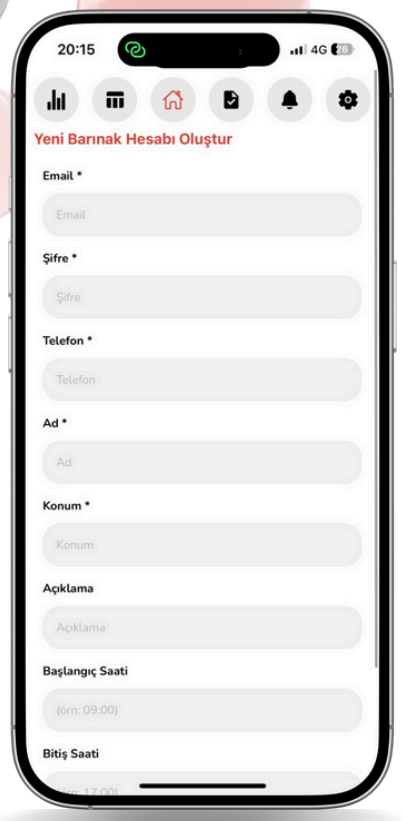


50

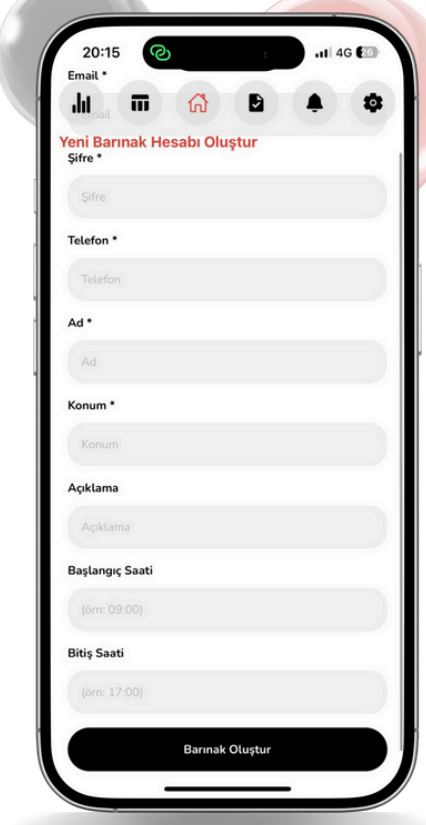
Clicking on a user card opens a detailed editable profile, where admins can update user information such as allergies, pet preferences, financials, housing details, and adoption suitability metrics. Admin can make this editing for all collections.

These collections can be updated in the database or deleted completely by clicking ‘Update’ and ‘Delete’ button respectively.

Create Shelter Page



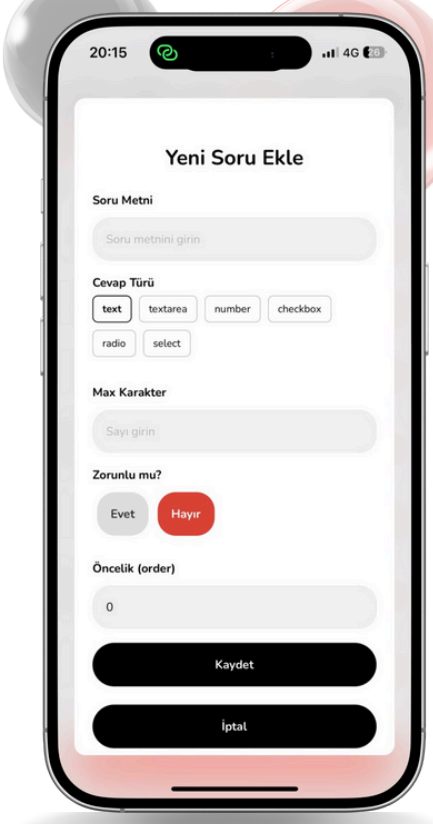
51



52

This form enables administrators to register new shelter accounts within the system. Required fields include email, password, phone number, shelter name, and location. Optional fields allow the entry of descriptions, opening and closing hours to define operating times. Once all information is filled out, Clicking the “Barınak Oluştur” button at the bottom finalizes the creation process. This interface ensures that shelter profiles are consistently structured and ready for integration into the platform’s ecosystem.

Questions Page



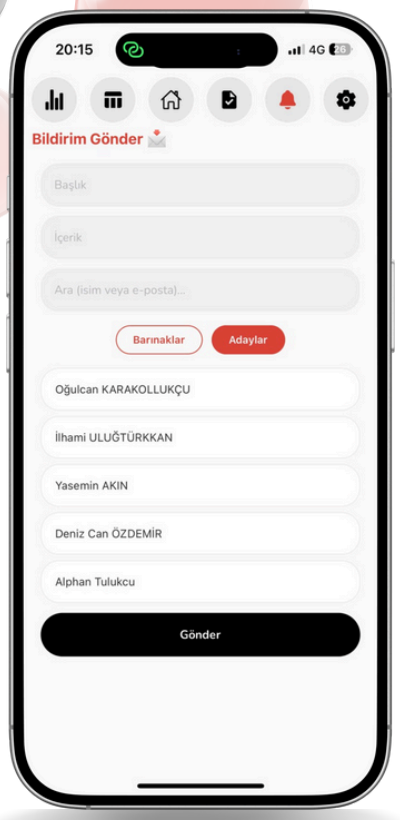
This section enables administrators to customize the questions asked during adoption and post-adoption phases.

Questions are listed with their input type (e.g., checkbox, radio, number), and can be edited or deleted using the respective icons.

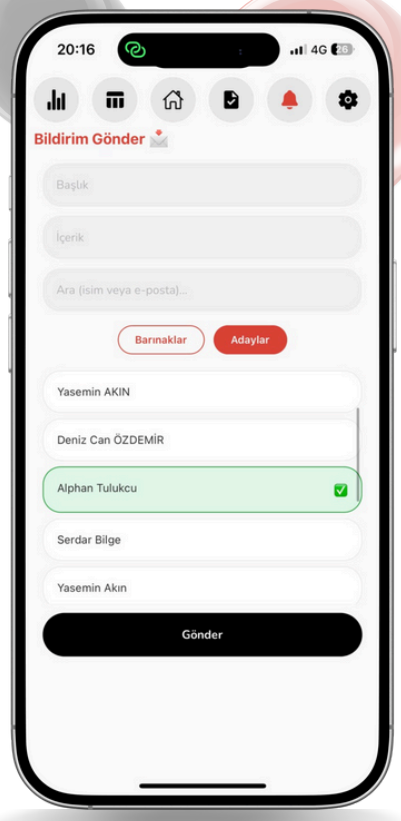
To add a new question, click the “+ Yeni Soru” button, fill in the question text, choose the appropriate response type, set optional fields like character limit, required status, and display order, then press "Kaydet" to save.

This flexible form builder helps tailor the adoption process to your shelter's specific requirements and policies.

Send Notification Page



53



54

This section allows administrators to compose and send targeted notifications to candidates or shelters.

You can choose the recipient group using the toggle between “Barınaklar” (shelters) and “Adaylar” (candidates). Select one or multiple users from the dynamically updated list below. If you don't select any recipients, it will be sent to everyone in that collection.

Once ready, click the “Gönder” button to dispatch the message.