

Software Engineering First Report

TechBlue

MyPet Mobile Application

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1- User Story and Related Scenarios

Ahmet, a devoted pet owner with a dog, relies on the "MyPet" application for all his pet-related needs. When Ahmet opens the app and logs in with his username and password, he can access various features from a single user's perspective.

When Ahmet navigates to the "Profile" section of the "MyPet" application, He can easily manage and edit his personal and pet-related information. On the profile, he can update details such as his contact information, address, and any changes in his pet's particulars.

Within the application, Ahmet selects the "pet groomer" option. He is presented with two choices: "Employee postings" and "Job postings".

If Ahmet chooses the first option, the system displays a list of registered pet groomers, and he can check them based on their scores, comments, and usage. After selecting a pet groomer, the application gives detailed information about them and if he clicks on schedule, the application schedules an appointment for his dog's grooming needs. If he selects the "+" sign on this window, the system directs him to a page where he enters his company or personal information. After filling in the necessary details, Ahmet's pet grooming job profile is created. He can access this profile later to view comments, scores, and reply to messages from customers.

Alternatively, if Ahmet decides to choose the second option, the application lists the current jobs related to pet grooming. From here if Ahmet selects any of the listings, the application gives details about the job and if he is interested with the job he can looking at the advertiser's information and communicates with the job poster. If he selects the "+" sign on this window, the application directs him to a page where he enters details about the job posting. He will be notified later if any of the employees are interested in the job.

Within the "MyPet" application, Ahmet can also find reliable pet walkers, same as pet groomer option, to cater to his dog's exercise needs.

Ahmet can perform similar actions on both the "Pet Walking" and "Pet Grooming" pages within the "MyPet" application. Whether he chooses to explore "Employee Listings" or "Job Postings," he can efficiently manage his pet's exercise and grooming needs, scheduling appointments or connecting with service providers.

This additional features in the "MyPet" application ensures that Ahmet has a comprehensive solutions for grooming and for fulfilling his dog's exercise requirements, making it a one-stop-shop for various pet-related services.

Within the same application, if Ahmet selects vaccination. Ahmet manages his pet's vaccination records with ease. He can record important details, such as vaccination type, date, and the veterinarian's name. The app's reminder system ensures that Ahmet never misses a vaccination and helps him keep track of his dog's vaccination status. When necessary, Ahmet selects the specific vaccination and see vaccination's details. He also benefits from the app's this feature, making it simple to find specific records, all while appreciating the app's commitment to data security and privacy.

In addition to these features, the "MyPet" application includes a unique feature. Each pet's collar strap is equipped with a Barcode that can be scanned using the app. If Ahmet's dog ever goes missing, a good citizen who finds the pet uses the app to scan the Barcode on the collar strap. This action will send a notification to Ahmet through the app, helping reunite the lost pet with its owner.





























































For Ahmet, the "MyPet" application has become an indispensable tool, simplifying his pet care responsibilities and ensuring his dog receives the best grooming, healthcare, and added security for locating the pet if it ever gets lost.

2- Project Backlog

▼ Backlog (28 issues)

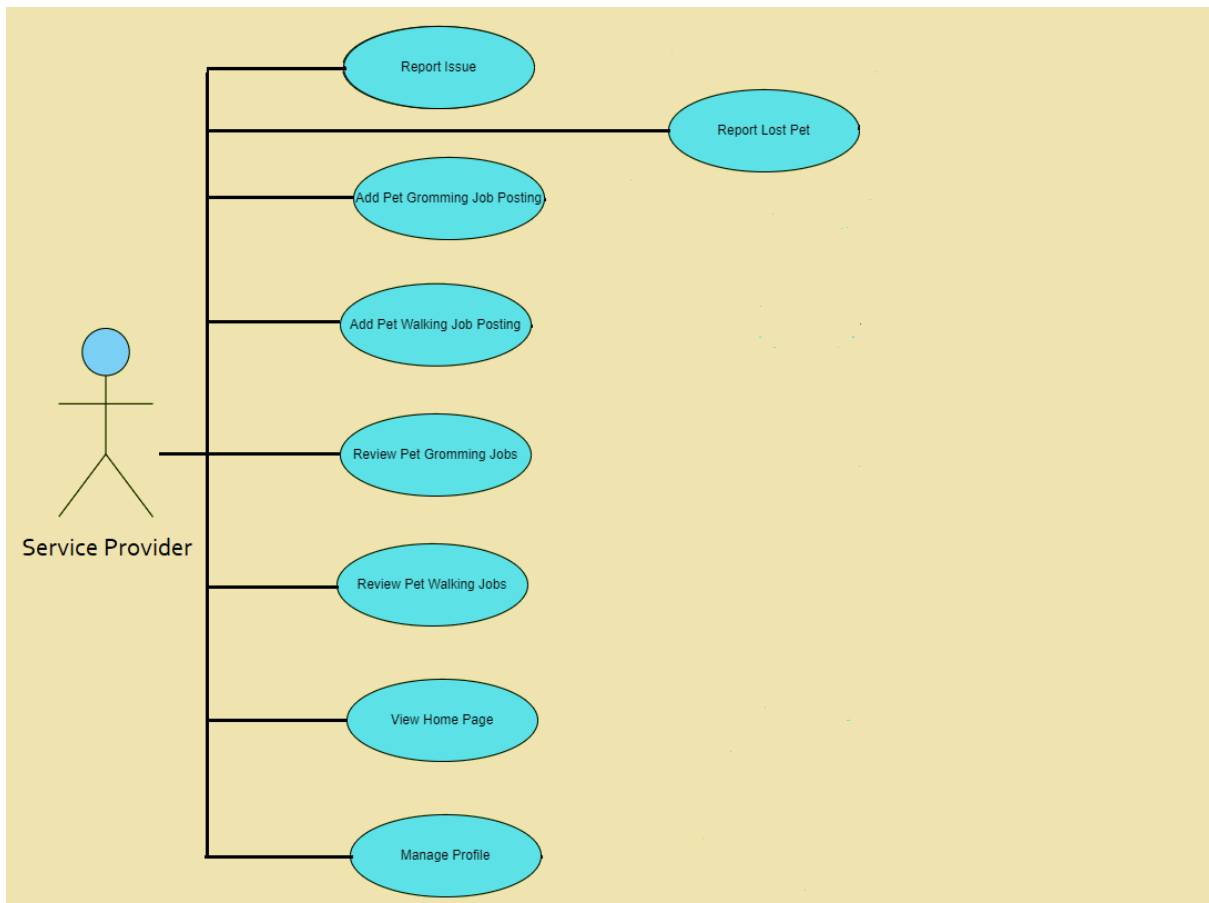
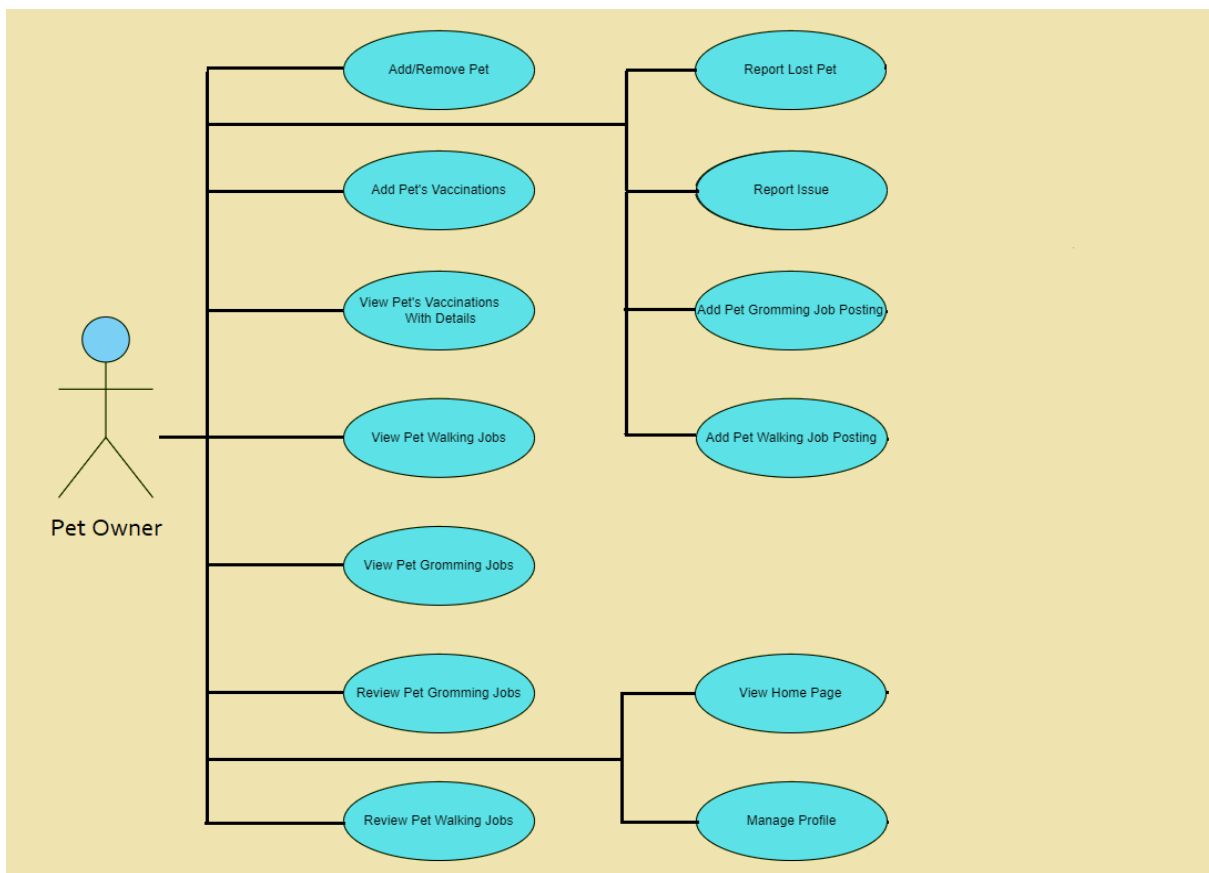
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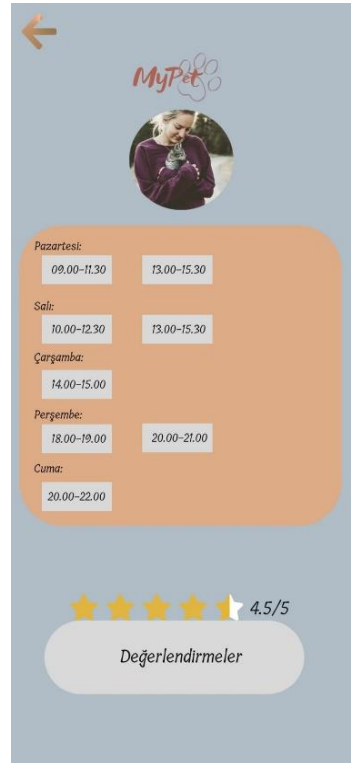
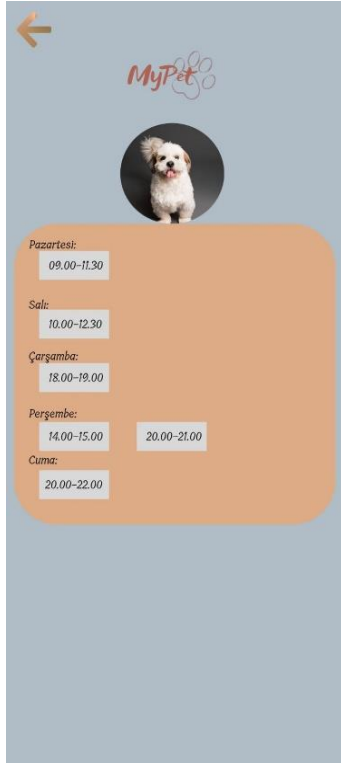
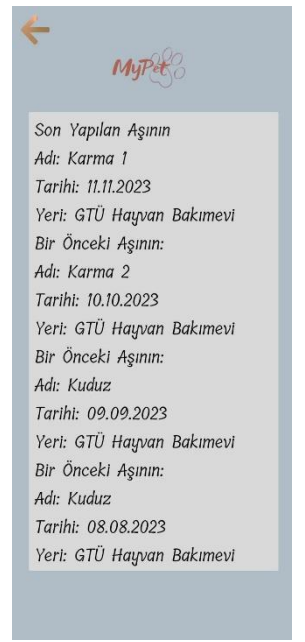
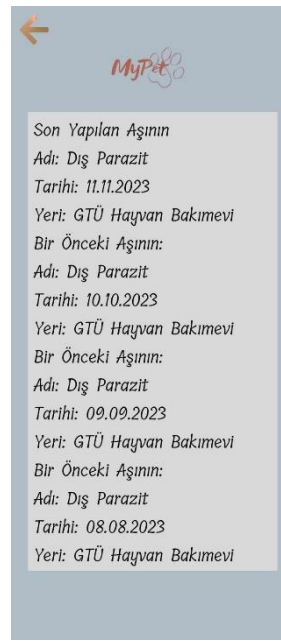
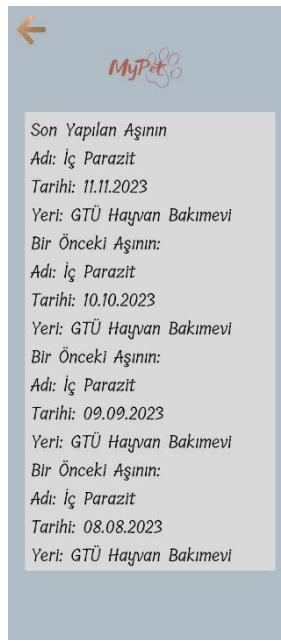
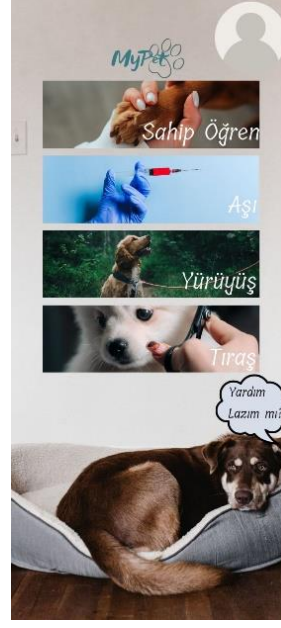
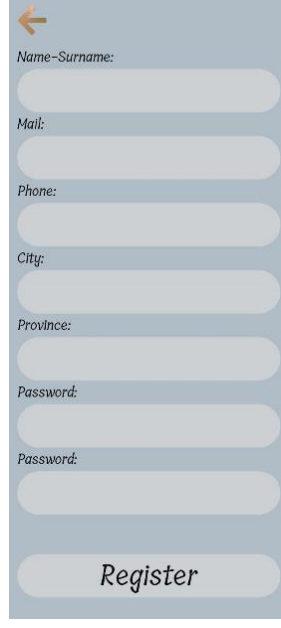
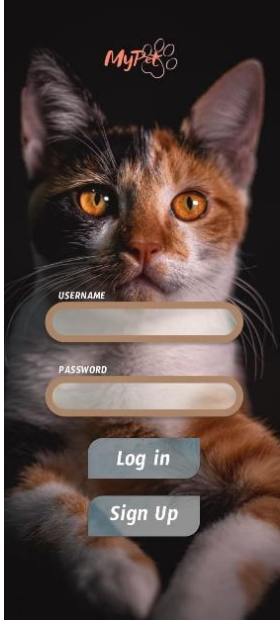
 TEC-25 Barcode Reader for Mobile Application		TO DO ▼	-	
 TEC-26 Log In Page Frontend		TO DO ▼	-	
 TEC-27 Home Page Frontend		TO DO ▼	-	
 TEC-28 Log In Page Backend		TO DO ▼	-	
 TEC-29 Home Page Backend		TO DO ▼	-	
 TEC-30 Contact Owner Frontend		TO DO ▼	-	
 TEC-31 Contact Owner Backend		TO DO ▼	-	
 TEC-32 Vaccination Page Frontend		TO DO ▼	-	
 TEC-33 Vaccination Page Backend		TO DO ▼	-	
 TEC-34 Pet Walking Page Frontend		TO DO ▼	-	
 TEC-35 Pet Walking Page Backend		TO DO ▼	-	
 TEC-36 Pet Grooming Frontend		TO DO ▼	-	
 TEC-37 Pet Grooming Backend		TO DO ▼	-	
 TEC-38 Profile Page Frontend		TO DO ▼	-	
 TEC-39 Profile Page Backend		TO DO ▼	-	
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 TEC-43 Writing to Firebase		TO DO ▼	-	
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 TEC-45 Authentication on Firebase		TO DO ▼	-	
 TEC-46 Vaccination class		TO DO ▼	-	
 TEC-47 Guest class		TO DO ▼	-	
 TEC-48 Pet class		TO DO ▼	-	
 TEC-49 Account class		TO DO ▼	-	
 TEC-54 Business' class		TO DO ▼	-	
 TEC-55 Creating Pet collection on firebase		TO DO ▼	-	
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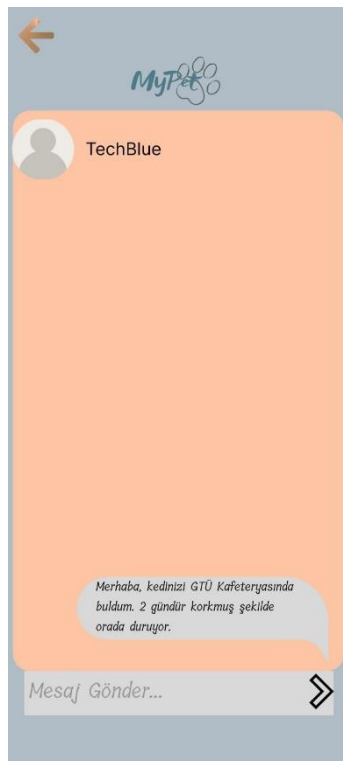
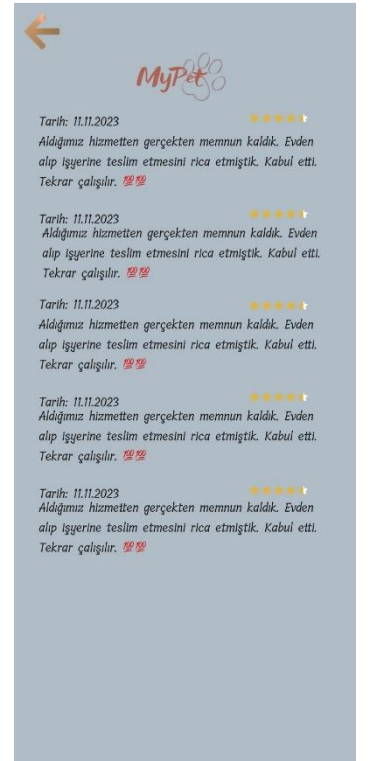
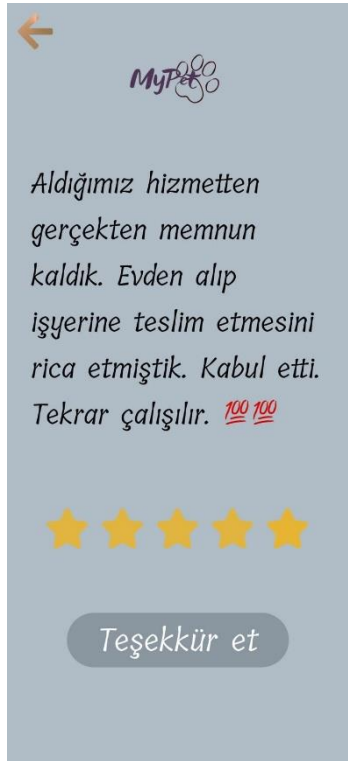
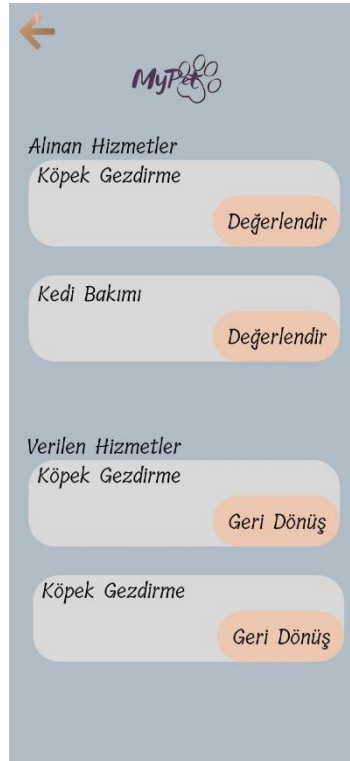
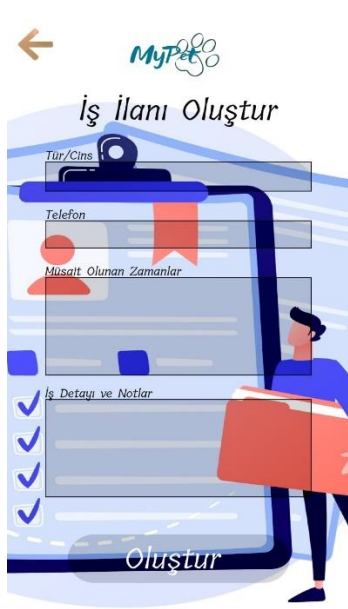
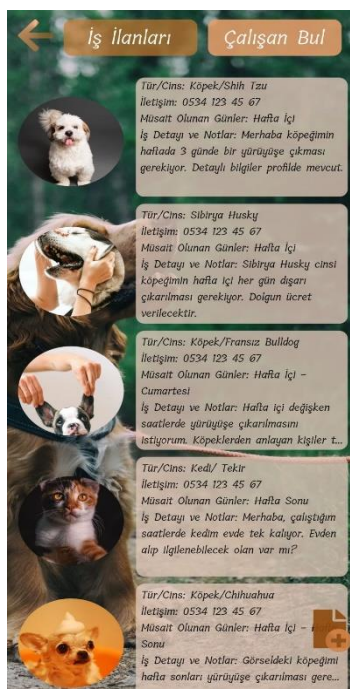
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3- Use Case Diagrams



4- Dummy/Simulated Graphical Interface





5- Test Cases

Test Case Id	Find the Owner-1
Created By	Baran Şahin

Test Case Description	Read the code on strap of lost pet and send notification to the owner.
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Pre-Requisite	A valid user account
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Test Scenario	Good citizen finds the lost pet and scans the Barcode to get informations of pet and send notification to the owner to tell that he/she finds the pet
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail
1	User clicks to application icon	Application launches	NA	NA
2	User clicks to “Find Owner” option	Application starts the camera for Barcode reading	NA	NA
3	User scans the Barcode with the camera	From the Barcode, application shows the barcode number of the pet	NA	NA
4	User clicks to “Show Informations” option	Application opens a new window and gives the information about the pet	NA	NA
5	User selects contact option	Notification window opens to send message the owner of the pet	NA	NA