MOBILE PROGRAMMING

PROJECT

PET ROAM

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We may need to take the pets for a walk during the day. Some pet owners may not be able to take their pets for a walk because they are working or unavailable. In such cases, they may need a person to take their pet for a walk instead.

On the other hand, some people look for day jobs to earn money.

Pet Roam application may be an application that will work for both of these situations.

Pet Roam is a pet walker recruitment application. You can create an account and depending on the profile you choose, you can find or become a pet walker.

Pet owners can create adverts. Pet walkers can apply to these adverts.

When pet owners creating an advert, they must specify the type of pet, the day, place and time of the tour and the fee to be paid.

When pet walkers apply for an advert, they can message with the pet owner.

Pet owners can see the current location of their pet walker during the tour.

P E T R O A M

**General Features**

- Everyone can create an account.

- When users login for the first time, they have to select a profile (pet walker or pet owner)

- On the main page, there will be a list with adverts.

- Those who choose the pet owner profile, will be able to create an advert on the homepage.

- Those who choose the pet walker profile, will be able to apply to those adverts on the homepage.

- When pet owners create an advert, they have to specify the day, time and place where the pet will be walked.

- A pet walker will be able to offer a fee when applying for any posting.

- Pet walker and Pet owner can chat in the application.

- When pet owners and pet walkers agree for the tour, pet owners can see the current location of their pet walkers during the tour.

- Pet owners can pay pet walkers through the application.

- Pet owners will be able to rate pet walkers and this rating will be appear on the pet walkers' profile.

**Welcome Page Features**

- This application's logo will appear on the welcome page.

- Below the logo, there will be a brief introduction of the application.

- Below the introduction, there will be a "let's get started" button that takes the user to the login page.

Text

Description automatically generated with low confidence

**Login Page and Register Page Features**

- On the login page, there will be 2 places to enter the username and password.

- Below these places, there is a text which writes "don't you have an account".

- Under this text, there will be “Register” button, and this button will go to register page.

- On the register page, there will be 2 places to enter the username and password, like on the login page.

- Below these places, there is a "Back to login page" button that takes users back to the login page. (For those who remember having an account)

Graphical user interface, application

Description automatically generated

**Choose Profile Page Features**

- When users login for the first time, they have to select a profile (pet walker or pet owner).

- There will be 2 images, one for pet owners and one for pet walkers.

- Under these images, there will be buttons for them to choose their profile.

- Below these buttons, the features of the profiles they will choose will appear.

- When they choose their profile, they will have some special features (Such as creating an ad, applying for an ad).

- If they want to change their profile features, they will be able to change it from their profile page later.

Graphical user interface

Description automatically generated

**Main Page Features**

- In the upper left corner, there will be a profile picture of the user.

- Next to their profile picture, there will be a “profile” button that allows them to go to their profile.

- Under to their profile picture, there will be a list with adverts.

- In the upper right corner, there will be a button for pet owners to create an advert.

- When pet owners click on the button, a screen will appear where they can select the day, time and place. Also they have to select the pet breed.

- Next to the adverts, there will be a button for pet walkers to apply.

- When pet walkers click on the "apply" button, a screen will appear where they can offer the fee.

- If pet owners accept the offer, they will be able to chat with pet walker.

Graphical user interface

Description automatically generated

**Pet Owner Profile Page Features**

- In the upper left corner, there will be a profile picture of the pet owner.

- Below this profile picture, there will be a list of previous tours.

- Previous tours will be added by the pet owners themselves.

- Right next to profile picture, there will be a “edit profile” button.

- Below this button, there will be a button for pet owners to add tour information post to their profile page.

- When pet owners create a tour information post, the same post will appear on the pet walkers’ page.

A screenshot of a phone

Description automatically generated

**Pet Walker Profile Page Features**

- In the upper left corner, there will be a profile picture of the pet walker.

- Below this profile picture, there will be a list of previous tours.

- When pet owners create a tour information post, the same post will appear on the pet walkers’ page.

- Right next to profile picture, there will be a “edit profile” button.

- Right next to this button, there will be a button for pet walkers to add tour information post to their profile page.

- Below this “edit profile” button, there will be a rating bar.

Graphical user interface, text, application, chat or text message

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**SYSTEM REQUIREMENTS**

**Server:**

- User login / register.

- User profile.

**Client:**

- Create adverts.

- Apply adverts.

- Rating.

- Create posts.

- Texting.

- See current location.

- Edit profile.

- Select profile.

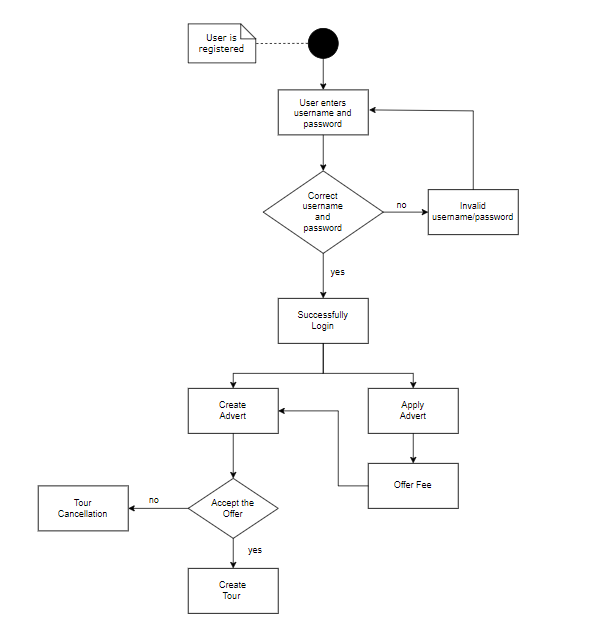
**DIAGRAMS**

Diagram

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**Diagram

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**USER DATABASE TABLE**

Graphical user interface, application

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