20230602903 Term Project Report

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IEU

SE 380

Mobile Application Development

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My project is a Pet Shop Application.
I came with this idea because of the struggle to find a pet in my home country – Macedonia.

In the application, I have used Firebase to store the information of the users and the pets. Where I connect them with each other.

In the application there are functionalities for 2 different roles. People that register as buyers, and people that register as sellers. Almost everything is the same. The only difference is that Sellers can add pets and delete the ones they have added.

At the first presentation, I didn't have a lot of stuff. I had the home page, the favourites page, the profile page and just the login page. I had these, but I had no design for them, and I hadn't connected anything to the firebase, because I did not know about it at the time.

Now I've added a lot more functionalities, I connected the application to firebase.
Functionalities I added:

1. Settings → Password change, Bio change, Telephone number change
2. Filtering → Pet type(cat,dog…), Pet offers (to buy/to adopt)
3. Sorting → Sorting highest to lowest price and vice-versa
4. Profile → Added a better design to the profile page, a link to WhatsApp number too , showing the pets a seller has to offer too
5. Favourite pets → Showed the pets as cards, instead of just their names
6. Add Pet functionality for Seller → A seller can add a new pet to the application
7. Added Registration option
8. Did a design on every single page of the application

I used Canva to make the logo of the shop, and I used ChatGPT to help me out with some coding problems.