University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 72

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Project Description:

The application we are making is for animal shelters, potential animal adopters, and animal specialists. The domain of the application falls under animal adoption, care, and management. Our project aims to model the whole pet adoption and post-adoption animal care ecosystem, and the interactions between shelter management, adoption programs, pet owners, and animal specialists. Even though aspects of our project topic are similar to the blacklisted medical clinic idea, in the sense that shelters act like clinics, pets act as patients and animal specialists like vets act like doctors, our idea differs in many areas, such as emulating the relationships between pets and owners, and the whole adoption process between shelters, pets, and their new owners. In our application, the relationships between veterinarians and pets are also different from the relationship between patients and doctors, in the sense that even though veterinarians work with the pets at the shelters like how doctors work with patients at a hospital/clinic, veterinarians can also continue to see pets once they get adopted, outside of their original shelter.

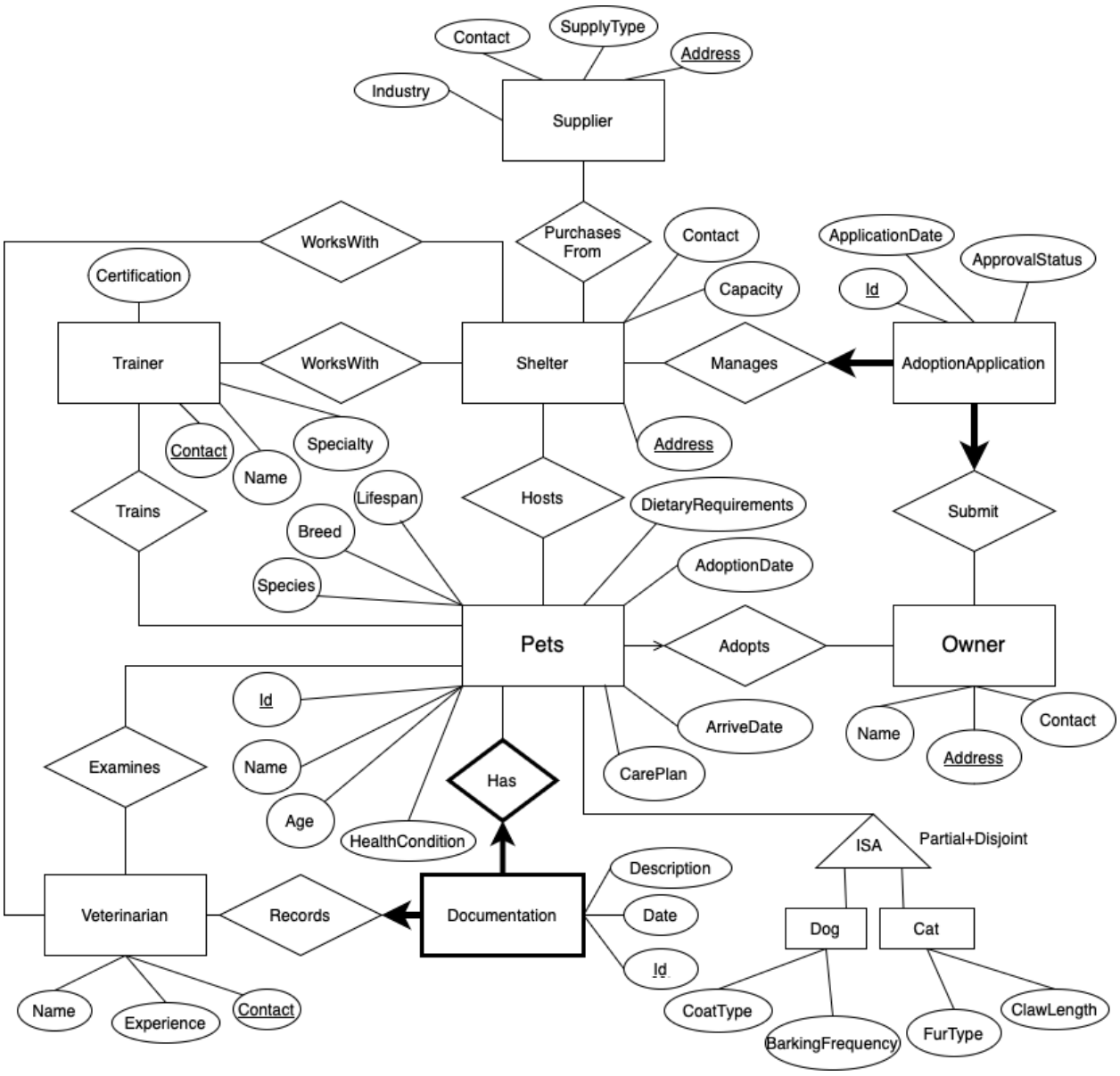
Database specifications:

Our database will allow animal shelter organizations and shelter staff to keep track of the pets they are hosting at shelters by adding, updating or deleting pet records, accept/deny adoption requests from adopters, as well as manage the animal specialists they work with, like vets, trainers, and suppliers. The database also manages adoption requests by allowing pet owners to submit and view their adoption applications, browse the pets hosted at shelters and see specialists like trainers and vets. Also allows animal specialists like veterinarians to view, store and update a pet's medical documentation and for trainers to work with shelters and train their respective pets. Allows all users to search and filter pets based on species, breed or age.

Application Platform:

Our database will use the department provided Oracle. For our expected application technology stack we want to use JavaScript, Node.js with Express framework, and the oracledb module.

ER Diagram: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