University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 55

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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

Brief Project Description:

The domain of this application will model a zoo management system to include care of animals, maintenance of habitats, logistics of its workers and also the zoo's shops and their associated merchandise. This application aims to aid a zoo in the management of its workers, property and animals. The application will organize animals, habitats, workers and vendors.

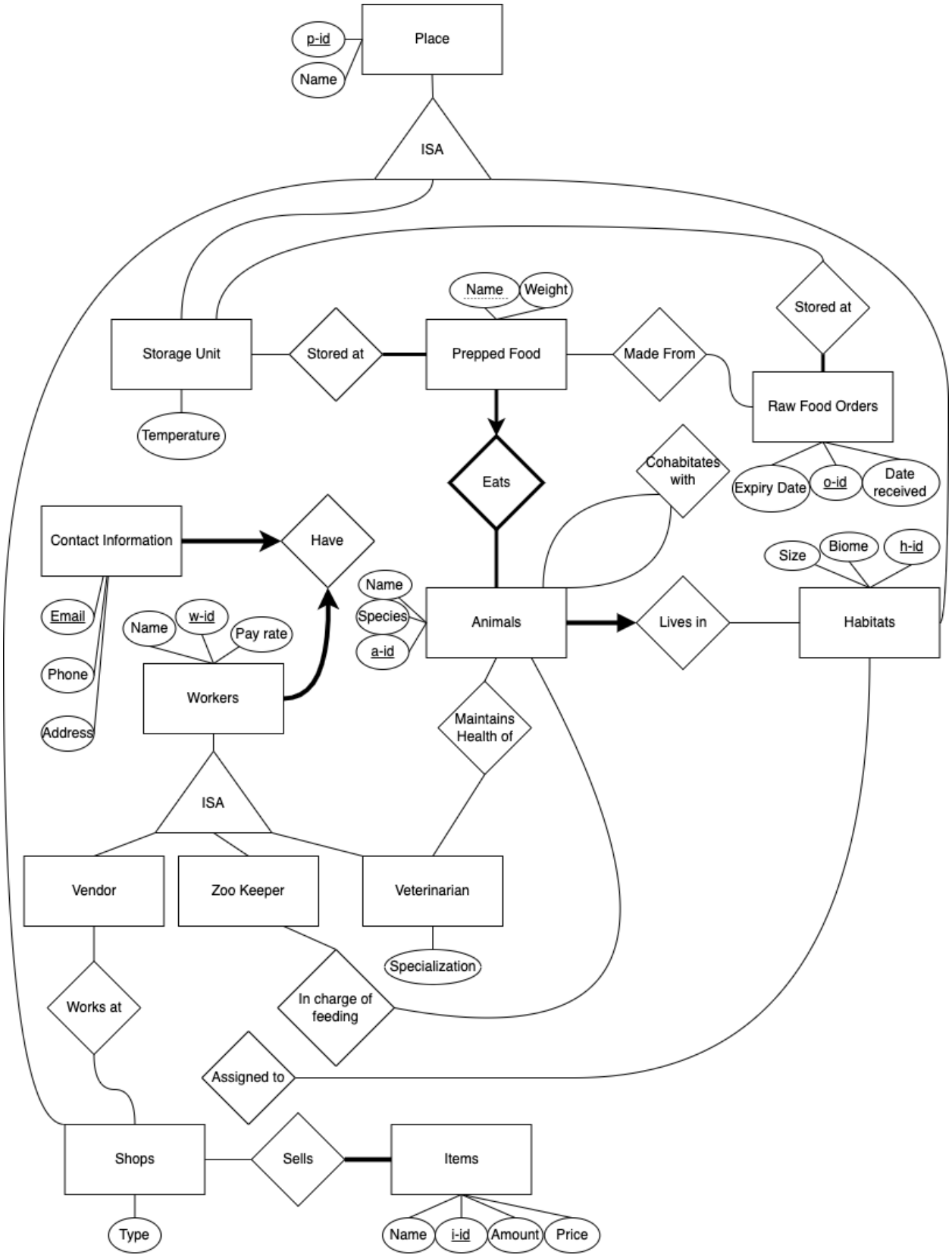
Database Specifications:

The application will organize animals, habitats, workers and vendors. It will also assign certain workers by their job role to either a habitat, an animal, or a shop. The database will allow the zoo to record what items are being sold at the shops, in order to enable accessibility to information for its management. The assignment of workers to animals or habitats ensures that care and maintenance is assigned to all animals. Each habitat is customized for each species to ensure each animal is living in its appropriate climate/biome. This application will also specify the food types that are eaten by each animal. This allows customization for different animals, even those within the same species, to allow the zoo to attend to each animal's specific food needs (ex. extra vitamins, varied food types required). This application will also allow the food orders for the animals to be managed. This application will allow a zoo's management to keep track of its employees, animals, habitats and shops and provide useful functionality in keeping the zoo organized, and its property and physical assets maintained.

Application Platform:

This project will use Java/JDBC as the platform. For the tech stack, the database this project will use will be Oracle and the language will be Java and for the GUI it will use Java Swing.

ER Diagram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