

# CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 12

Name	Student Number	CS Alias (Userid)	Preferred Email Address
Tina Nguyen	15963184	l5e2b	nguyen.tina25@yahoo.com
Jezarah Ebel	54217161	x1d1q	jebel@student.ubc.ca
Arman Randhawa	19407006	y7z8e	armanr09@gmail.com

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 email 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:**

- a) What is the domain of the application?

The domain of our application is focused on managing the logistics behind booking and fulfilling a pet grooming session of the chain pet salon, “Furry Friends Grooming Salon”, from the perspectives of pet owners, service providers, and administrators. Pets include any furry animals such as dogs, cats, or rabbits.

- b) What aspects of the domain are modelled by the database?

Our project is attempting to address the following scenarios:

- A pet owner wants to book one or more services for their pets. This can be done online, by phone or in person. For better service management, they need to be added to a system that will collect information on the owner and the pet.
- The service provider comes into work and wants to check their schedule for the day. She can see who has booked what services and prepare in advance with the room and the products.
- The branch manager, or an administrative body can use the system to manage products and employees.
- Company executives can view all the branches’ data and see which ones are under-performing or over-performing in terms of popularity and transfer employees to different branches as needed.

As such, the aspects modelled by our database include the creation, viewing, updating and deletion of reservations along with the pets, service providers, and services involved with those reservations, inventory and room management when it comes to providing services, as well as employee management and allocation to specific branches.

**Database specifications:**

- a) What functionality will the database provide?

There are four main groups of people that the database will provide functionality to.

- 1) Pet owners can make, view, edit, and cancel reservations made for their pets with details about the pet, their contact information and optionally specially request a specific service provider.
- 2) Service providers will be able to access the database to see which pets they are responsible for, what service they will be providing to a specific pet, which room they will be treating the pets in as well as track the inventory of the products required by the service to be done on the pet.
- 3) Company executives can check which service providers are employed in which branch of the pet grooming salon and move them to different branches and check to see how popular the branch is.

- Description of the application platform:**

- We will use the department-provided Oracle as our database.

- We expect to use the JavaScript + Node.js with the Express framework and oracledb module as our technology stack for our project.

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