CUacs

COMP3004 - D2

Algorithm Design

Team **SIXTY NINE**

OVERVIEW

KEY POINTS

Animal Classification
Client Analysis
Key Attribute Identification
Optimal Matching

ANIMAL CLASSIFICATION

RURAL ROVER

Rural Rovers thrive in outdoor settings such as farms and acreages, and get along well with other animals. They are most often medium or large sized animals with a lot of energy and a high need for exercise.

FAMILY PAL

Your typical "Good Boy". Family Pals are animals who love affection from their owners - both adults and children alike. They thrive in rural and suburban environments, and do not mind the hectic lifestyles of young families.

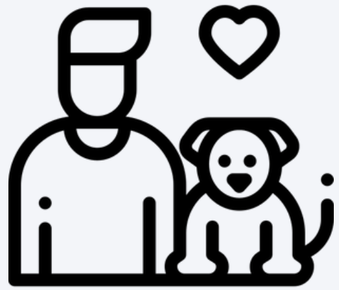
URBAN DWELLER

Urban Dwellers were born for the city - from exciting walks in the park to accompanying owners on brunch dates. They tend to be small or medium sized, and do not mind the high-rise life. They also do well with noise and crowds.

ANIMAL CLASSIFICATION

FIERCE CONVOY

Fierce Convoys feel it is their duty to protect and serve. They are high energy, large dogs that do best in rural and suburban environments, and require exercise to maintain their fierce demeanour.



CUDDLY COMPANION

Cuddly Companions are the ultimate late-night snuggle buddies. They are quite lethargic and therefore do not require as much exercise and space, making them perfect for urban environments (however not exclusively).

SEASONED SIDEKICK

Seasoned Sidekicks have seen it all, and are ready to take it easy. These pets are not overly messy, well-suited for any dwelling, and do not require as much high-level exercise as their younger counterparts.

CLIENT ANALYSIS

Dwelling Type

Location

Children

Activity Level

Other Animals

KEY ATTRIBUTES

CLASSIFICATION

- size
- age
- indoor/outdoor
- child-friendly
- animal-friendly
- noise tolerance
- energy level
- protection
- messiness
- affection
- travel

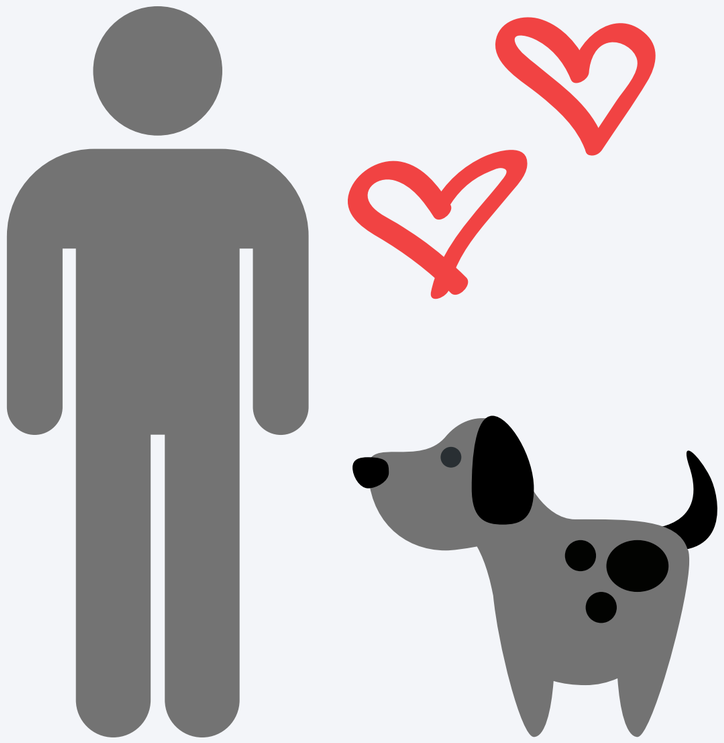
FILTER

- species
- hypoallergenic
- gender

DISPLAY

- breed
- fur-length
- history
- shelter entry date

AN OPTIMAL MATCH



Thank you!