Lightning Talk A look into a university IA project and the implication LLMs could have for students, lecturers and practitioners **LOU'AY SOULEIMANI** — Student, MSc in Human-Computer Interaction, City St George's, University of London London 2025









A look into a university IA project and the implication LLMs could have for students, lecturers and practitioners



MARCH 10

Lou'Ay Souleimani

MSc Human-Computer Interaction

City, St George University of London

One of the longest-running and most successful programmes in the UK



MSc Hum

MSc Human Centred Systems established in 2004

The Centre for Human-Computer Interaction Design

Centre for HCID founded in 1991

About myself



Behavioural Economics and Decision Making

Developed strong interest in **Behavioural Economics and Decision** Making

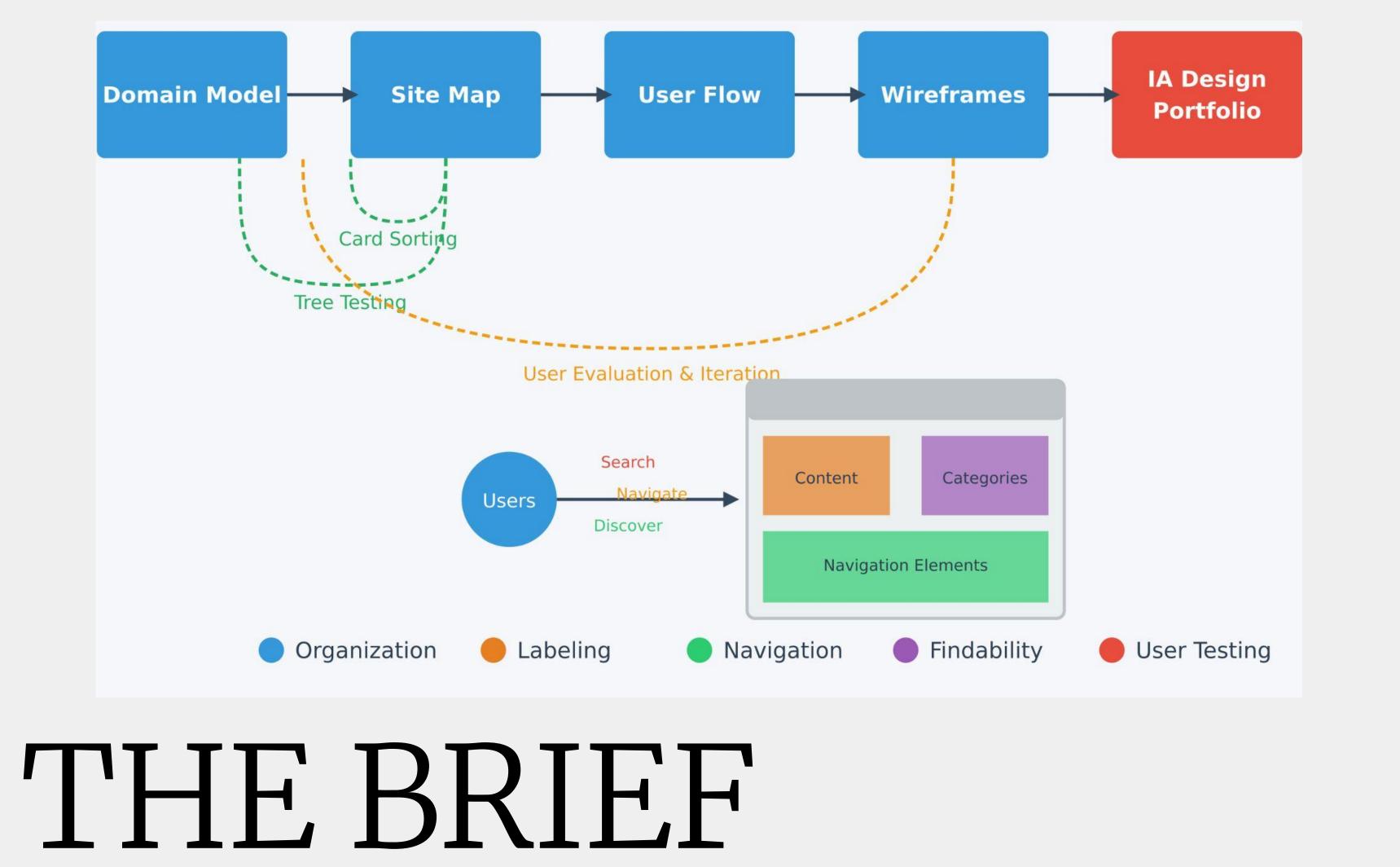
From the MSc HCI, gained theoretical knowledge and hands-on experience



BSc (Hons) in Psychology from City, St George University of London

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IA PROJECT 01 **AI'S POTENTIAL IMPACT** 02 CHALLENGES OF AI 03

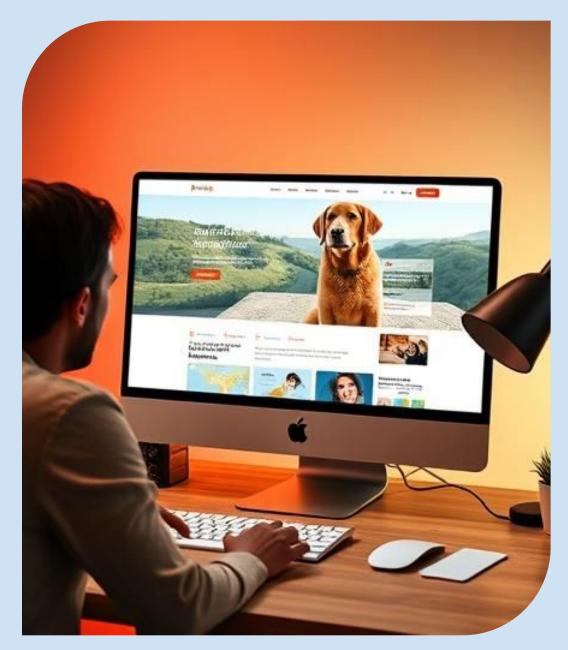


MY DOMAIN



Canine Dietary Requirement

Research Process – Domain Model

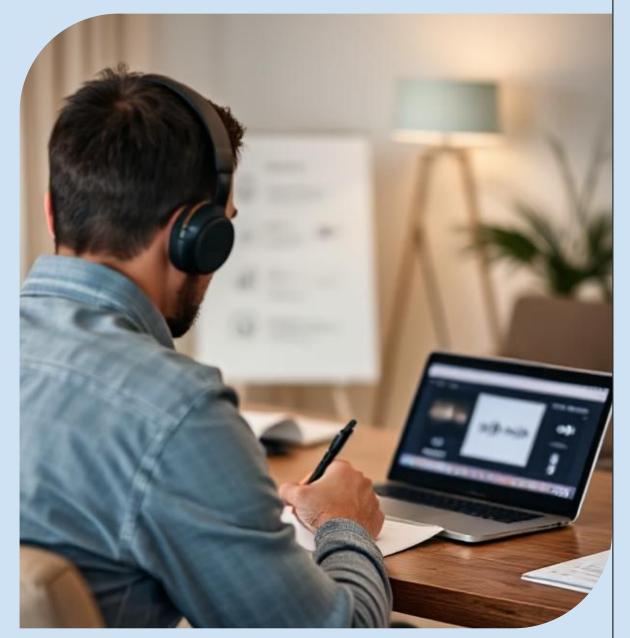




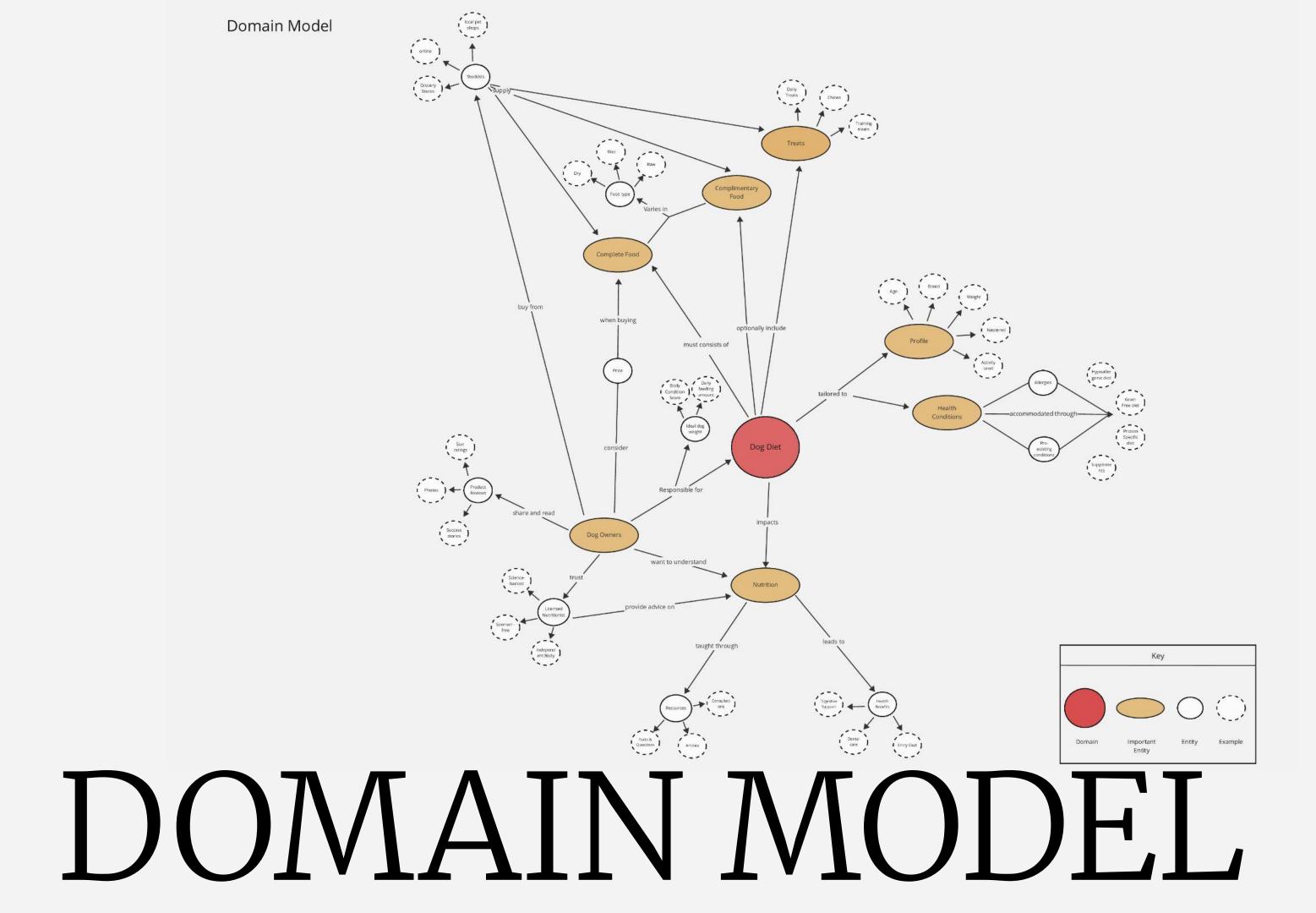
Semi-Structured Interview

Desk Research

IA Project



Developing Domain Model



IA Project

Canine Dietary Requirement

Research Process -Sitemap



is overweight.



Tree Testing

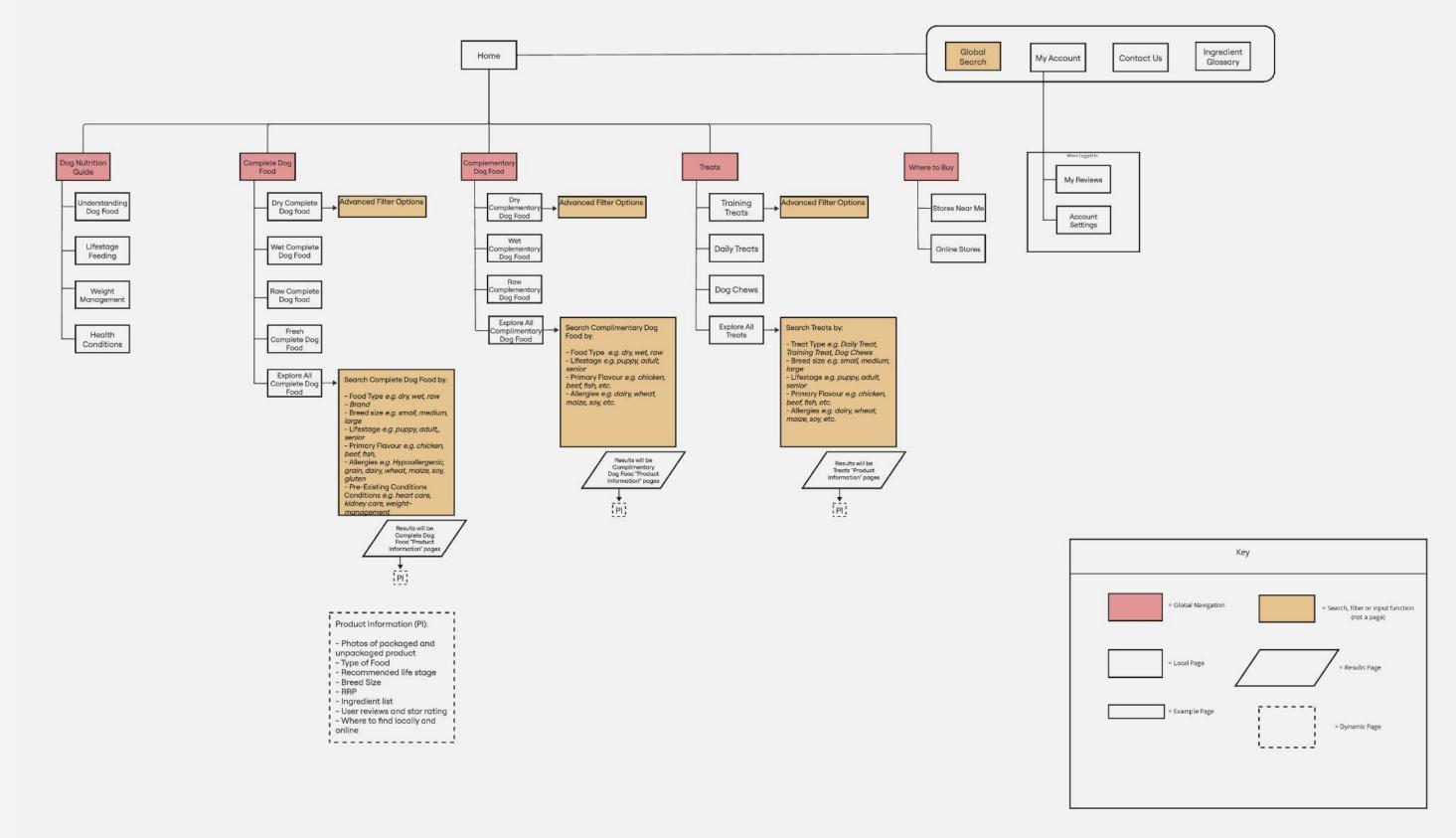
Card Sorting

You're worried your dog's weight may be slightly excessive. See if there are any resources on this site that can help you clarify whether your dog

Complementary Dog Foods

Dog Food & Health Guide

Sitemap



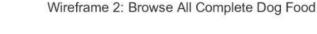
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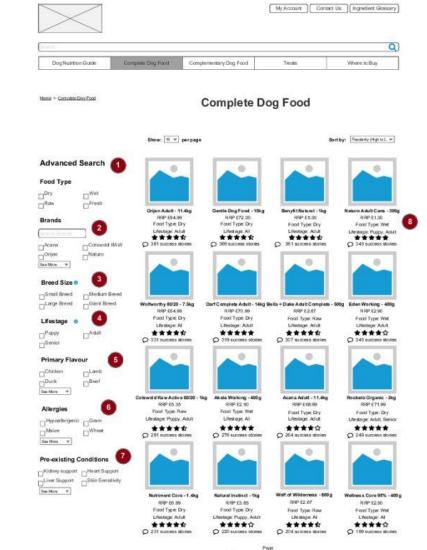
Complete Dog Food Complementary Dog Food Treats

Understanding Dog Food

with and litness. Feeding your dog a complete load tailoand to their life stage ensues they receive all the necessary to over time, making it a convenient choice for dog owners. This includes nutrients such as protein, fats, carbohydrates,

re UK, the European Pet Food Industry Federation (FEDAF) sets the guidelines for complete dog tood. Pinducts will be field as "completer making timen easy to find. However, the quality of complete dog toots can vary widely, ranging from poor collent, so per downess needs to choose carefully. They usually come in the form of dry, were, that and feed.





Previous 📑 2 3 4 5 6 7 8 9 10 11 12 Next



Dry food tinds to be a much more financially viable
 Although high quality dry food exists, nome low quality dry food conist of Blinn, antificial-additives, and this very and to tangent and lead if you're travelling or away from home.
 Some dogs, especially picky eaters, may not find this type of lood appealing. They may prefer loods with more molitare limit.

(My Account) Contact Us (Ingredient Glossary)

Where to Buy

Q

2

Wet

Dry

Dog Natition Guide

Lifestage Feeding

Weight Management

Health Conditions

K 3

- 4

Understanding Dog Food

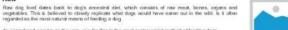
Complete Dog Food



Cons:

Wet food often have a more appenaling smell, tasta and texture compared to dry food. This posen an advantage of the store and the store the refigurated for a few days, better bed day mends to be refigurated for a few days, better bed day mends to be refigurated for a few days, better bed day mends to be refigurated for a few days, better bed day mends to be refigurated for a few days, better bed day mends to be refigurated for a few days, better bed day mends to be refigurated for a few days, better bed days better bed and the store of the few days means with owneds. We norman.

Raw



As natural and popular as they are, naw feeding is the most controversial method of feeding dogs furnerous web and industry experts have expressed concerns about the safety and nutriticusty are foods are.

Here dag food ramely requires any additional Omega-3 tably acids, violantics and miniesits, as they are supplied naturally bands, sorted part owners leading there dags a rark delife there need improvements in containers, and there is the same of the Supportent of this diet lead that goes hand in hand with a digs and additionary flowed. levels. Supportes of this diet leef that it goes hand in hand with a dig's evolutionary needs and can support and encourage overalt health and litness.

care and to minimise the risk of infection

Fresh

Fresh complete dog foods include high-end and fresh ingredients. They are essentially home-cocked load that can be bought as werdy-made meak in the form of trays or pouches. These are a relatively new type of dog load, that is becoming more popular among lowers who don't have the line to home could meak mains of dag food, the for their dags.

Pros:

 Fresh lood maintain their nutrition due to its gentle production process. This is because they are cooked at lower temperatures than dry lood, ensuring its preserved nature. There are quite a lot of recipes and favours available. This is beneficial to picky eaters, as they are provided with several different or bran.

Due to their convenience and high nutritional value, they are quite costly when compared to their counterparts. They tend to be more expensive item dry or west kood.
 Fresh food is not easily transportable. They come frozen in containers, and have to be started in a finite or the means they comort to reason upon antima a two prave to be put out on they, either in a reflegreet or in cod when.

Treats

Dog treats are a lood that is typically used as a snack, reward or training tool. They can be used to strengthen the bond between owner and dog, and is a sign of affection. If a dog is food motivated, it can be an excellent tool to help train obedience or tricks. Daily Allowance: A dog's daily treat allo

Cons:

NHS H'R



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Page			





8

Project \triangleleft

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POWERPOINT

#11

Wireframe 3: Browse by Wet Complete Dog Food

Wireframe 3: Naturo - Product Information Page

Dog Food & Health Guides Complete Dog Food Complement

Home > Complete Dog Food > Wet Consiste Dog Food > Naturo Turkey in Herb Grav

Naturo Chicken in Herb Gravy

2

7 Load More

***** 4.5/5 stars

dog loven this product. The consistency is

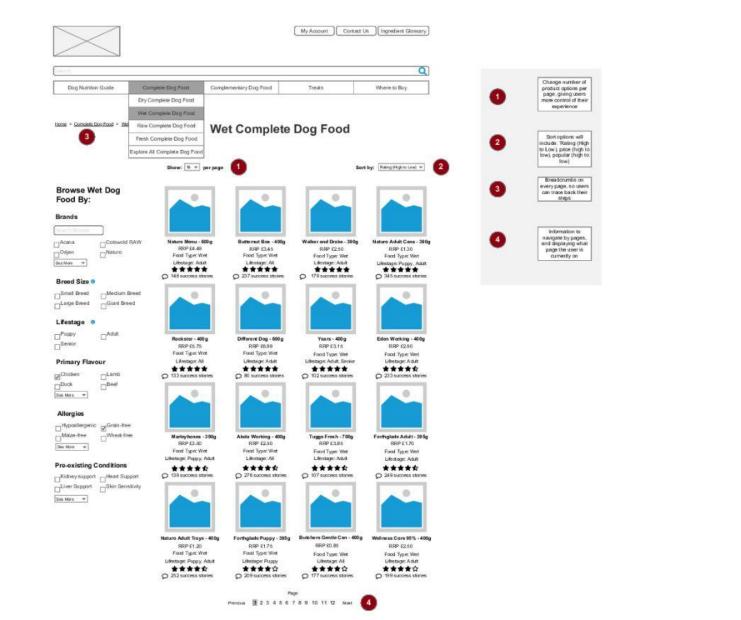
...

great and he's always staring it me for seconds Definitely would recommend to anyone who has a picky eater.

My dogs absolutely LOVE this food, it is super value for money. It actually looks like real food you can see the veggies in there

Success Stories:

ou'Ay and Mu *****



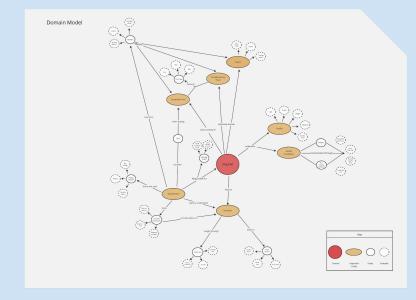
REFRAMES

		Q		
Complementary Dog Food	Treats	Where to Buy		
Herb Gravy				
P	roduct information:	-		
	roboct miormation.	0		
Type of Dog	food: We	Wet Complete		
RRP:	£1	£1.30		
Package We	ight: 39	390g cans		
Breed Size:	Al	All Breed Sizes		
Lifestage:	Ad	Adults (1-7 years)		
Ingredients: Interas 50%, Enuit and Ves Interais Sunflower Oil 0.1 Med Chicory Root 0.04%, Vander 0.01%, Dried, Ro	galables 8% (Dried Mixed) 3% (Elaxtered Oil 0.08%, Sa Yeass 0.04%, Dired Basil Sehip 0.008%, Glucos ami	Pappers, Peas and Sweet Potato), Imon DJ 0.06%, Dried Keip 0.0%, J.01%, Died Netie 0.0%, Vicca 0.005%, Chenchain, Suinbale		
Darlisty 50%, Enail and Vas Minerals, Sturflower Off 0. 1 Died Chrony Root 0.04%, Poader 0.01%, Dried Ro 0.0025%, Dried Marigold 0.	gatables 8% (Dried Mixed) 3%, <u>Elassend QI 0.00%, Sa</u> Yeas 0.04%, <u>Elassend Dried Batt</u> sectio 0.00%, <u>Guoceania</u> 002%, <u>Pomegranate Extract</u>	limon Cull 0.08%, <u>Direct Keip</u> 0.00%, 0.018%, <u>Direct Neite</u> 0.01%, <u>Yucca</u> ne 0.005%, <u>Chondrolin, Suiphale</u> 9.002%		
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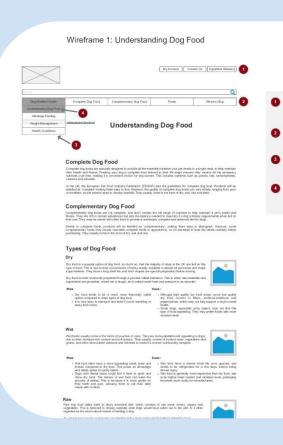


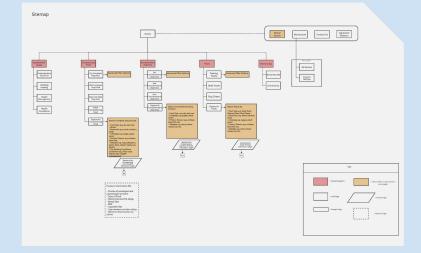
IA Project

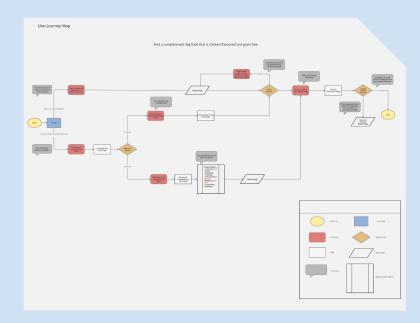
Canine Dietary Requirement

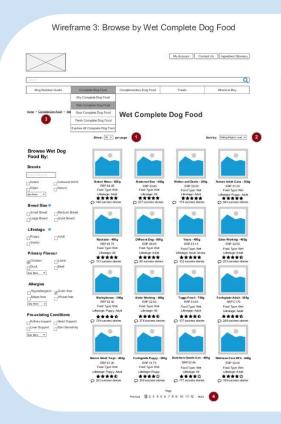








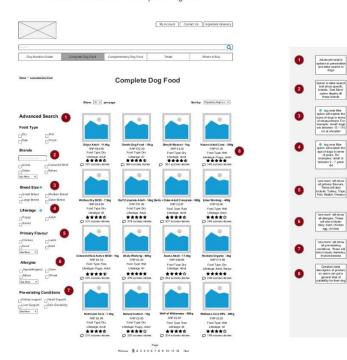




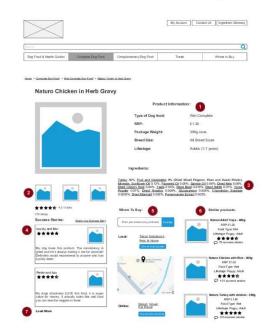


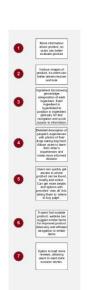






Wireframe 3: Naturo - Product Information Page





Advanced search options to personalise and tailor search to dogs

Option to tailor search and show specific brands. 'See More' option display all these brands

tig near filer gpion will explain the guint will explain the guint will explain the guint batteened 15 - 110 om at shoulder
 C tig near filer opion will explain the age of dags in term complex: value between 2-7 years. old

'see more' will show all primary flavours. These will also include: Turkey, Tripe, Eish, Bhithi Vaceone

"see more" will show all pro-existing condisors. These will also include: disbetes, thyroid disease

Dotailed initial description of product, so users can get a general idea of



Utility Nevegetion, including ingredient glossary for quick access from any page

Global navigation displaying the content users can access

Drop-down navigation allowing users to see subcategories

Local navigation option, which controctually details to explanation dop fixed to con-

#13

The Use of AI and LLMs at University

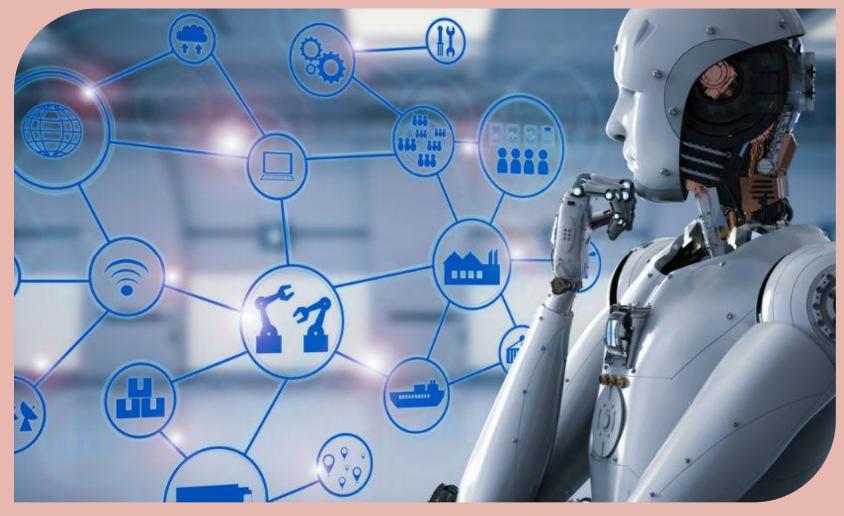


User Agent leveraging AI

be stated

- Use of AI was optional, but had to
- Could not be used to generate data, such as interviewing artificial domain expert
- In hindsight, would be interesting to see whether an LLM could analyse wireframe evaluation

Leveraging LLMs for Data Analysis





AI analysing Data

User researcher giving prompts to a LLM

University Dilema



Lecturer teaching human and AI robot students

Universities want their students ready for the future.

Could this come at a cost of missing discipline fundamentals?

The wider context of LLMs



Prompt engineering via Chat GPT

Inexperienced researchers may make mistakes like inaccurate prompts or overlooking data issues

This poses risks but also presents opportunities for qualitative research with LLMs.

User research experience is <u>KEY</u>

Closing Remarks



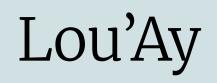


HCID writing retreat

User Research Workshop

Thank You

MSc Human-Computer Interaction





Lou'Ay Souleimani