

## **Overview**

- 1. Background to Partnership
- 2. The Brief
- 3. Universal Design Principles
- 4. Design Process
- 5. Research Outcomes
- 6. Key Learnings

# Background to Partnership



#### A good fit for innovation...

- Design Thinking
- User Experience Design
- Design for Change
- Cyberpsychology
- Speculative Design Futures
   & Emerging Technologies





### **The Brief**



#### **How Might We...**

create a more <u>enjoyable shopping</u> <u>experience</u> for the following shopper types:

- Wheelchair users
- Visually impaired
- People living with autism
- Elderly shoppers (65+)

in order to make **SuperValu** the go-to supermarket for all their grocery needs

"There are 7.4 billion people in the world. Our ambition is to create products that are physically, cognitively, and emotionally appropriate for each of them. It starts with seeing human diversity as a resource for better designs..."

Kat Holmes Microsoft Inclusive Design 2016

# Universal & Inclusive Design Key Principles

#### **Universal Design**

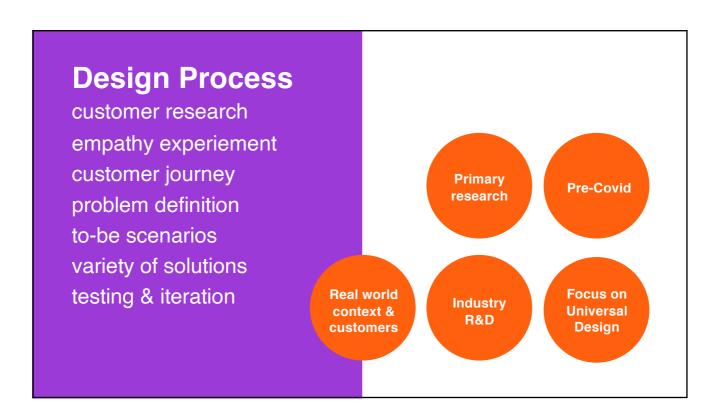
- Equitable Use
- Flexibility in Use
- Simple and Intuitive Use
- Perceptible Information
- Tolerance for Error
- Low Physical Effort
- Size and Space for Approach and Use

#### **Inclusive Design**

- Recognise exclusion
- Learn from diversity
- Solve for one, extend to many









#### As Is Journey Before During After Realises she forgot Doesn't make lists Tries to recall what she needs Shops every week Picks up offers some things Gets staff recommendation Shops for 2 Makes a mental note Before During After Makes a list Can't shop herself Delivered to her door with out Gives it to neighbour / friends Worried she's missing out. Calls SuperValu Misses the social interactions Gets her shopping but not anything new. Lists Online shopping Reviews and updates Reminders Chat / social Freebies or offers.

When I shop at SuperValu I want to include my child in the shopping experience. I would like an application that does not try and hide the issue but embraces it and turns the experience into something positive. Where both the parent and child can enjoy the shopping experience together and where the child can learn too.

"When I go to the supermarket I want to be able to shop on my own, so I can have a relaxing experience"

**Customer Problem Statements** 

When I use the SuperValu app I want to connect with other shoppers and see what they recommend so I can try new foods without the risk of wasting time, effort and money.

**How might SuperValu** help Marie find new products she'll love **so that she** can stay healthier and independent for longer?

**Customer Problem Statements** 

#### To-be scenario – Shopping Buddies



Corrina's daughter sends her a SMS message using the SuperValu Shopping Buddies app.



Corrina clicks the link and can pick a big shop or some regular items she would like.



Her daughter picks up the items when doing her own shopping and can drop them over to her mother.



Corrina has her staples so she can enjoy getting out and doing a small top-up shop with less stress.

Rory Bradley, Primary Customer Research





Alexandra Casique , Empathy Experiemtns & Testing



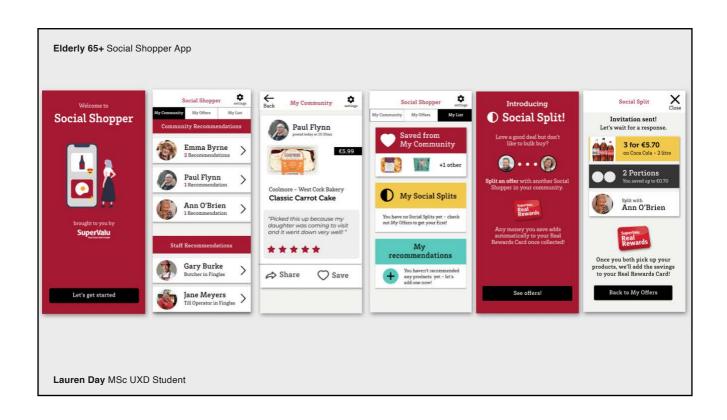
I think it would be good if you could see recommendations from friends and then also recipe ideas, like if they had a recipe idea for that product?

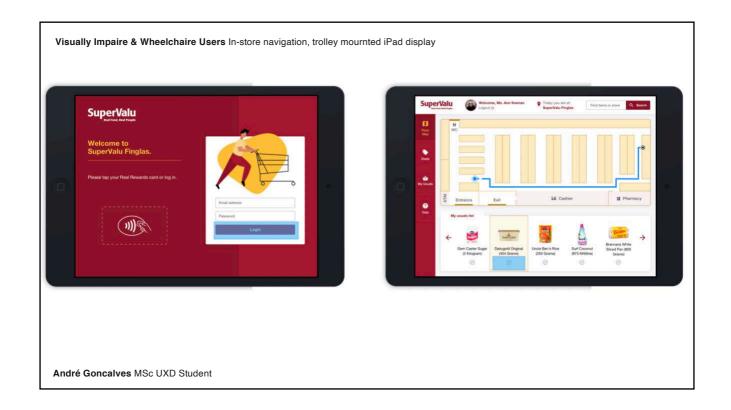
Participant 2 (who really hates social media)

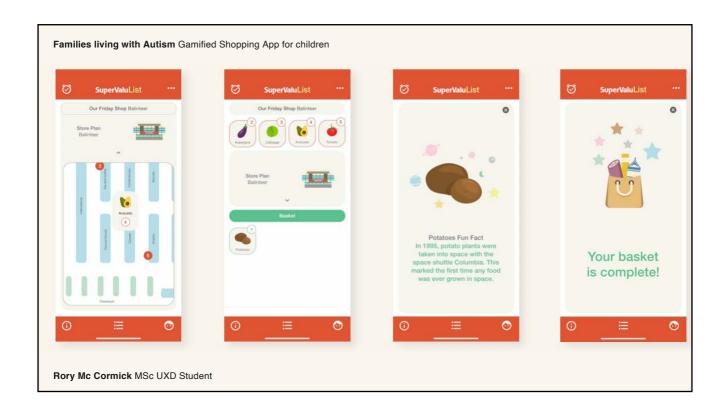
Lauren Day, Remote Testing

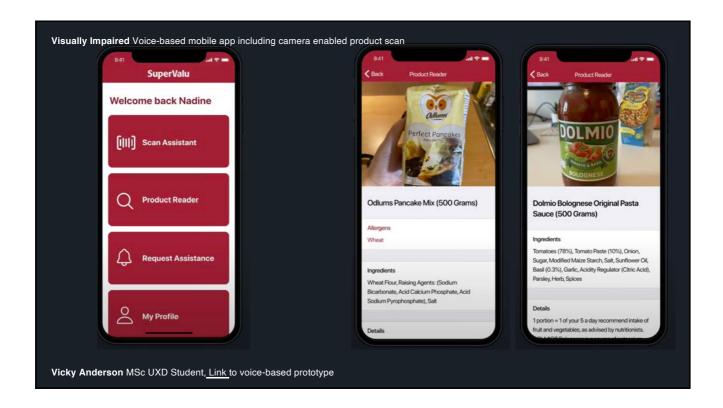
## Research Outcomes

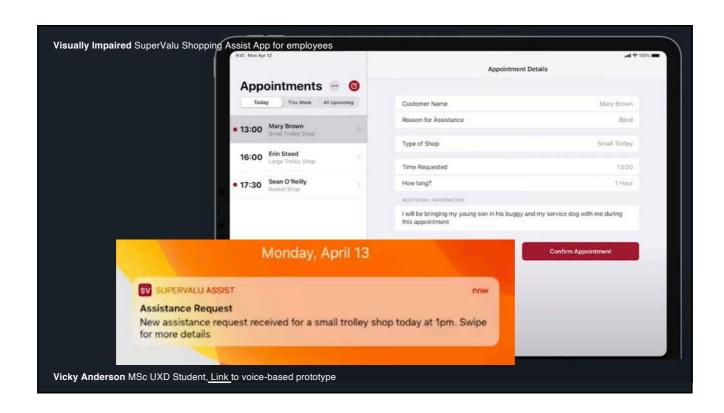
- A Variety of Design Solutions
   were produced for each target group
- Students were divided into groups each one focused on a specific target shopper group

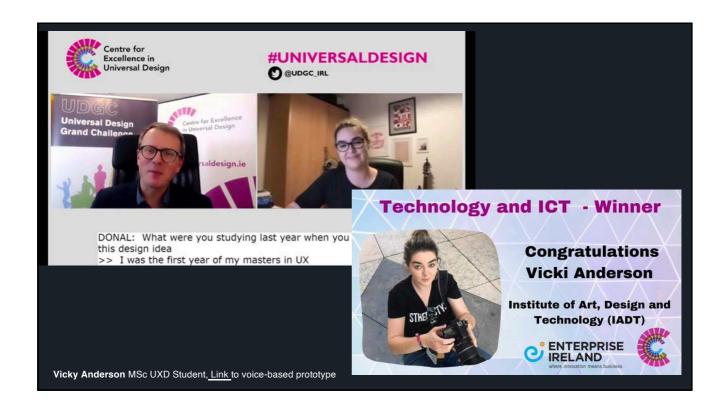












"It's the **richness of the outputs** when there is open collaboration, also how Musgrave benefit from "fresh eyes" and the techniques taught in IADT. Key from industry-side is that **brief aligns with problems that the business is trying to solve**, plus the **internal stakeholders are involved** in the process the whole way through.

**Siobhán Hennessy** Head of Shopper Experience Musgrave Retail Partners

# Key Learnings need design for public good

# IADT Public Design Lab

# Universal & Inclusive Design benefits everyone

- Practice-based Learning
   builds empathy and is difficult to do it remotely
- Critical & Creative design
   thinking and making can lead to new ideas
   and innovative approaches
- Digital Society
   will exclude large sections of our population unless universal & inclusive design become a requirement like GDPR
- Partnerships
   between education and industry provide
   valuable opportunities and benefits for all by
   tackling wicked problems...

