

Practical application of artificial intelligence



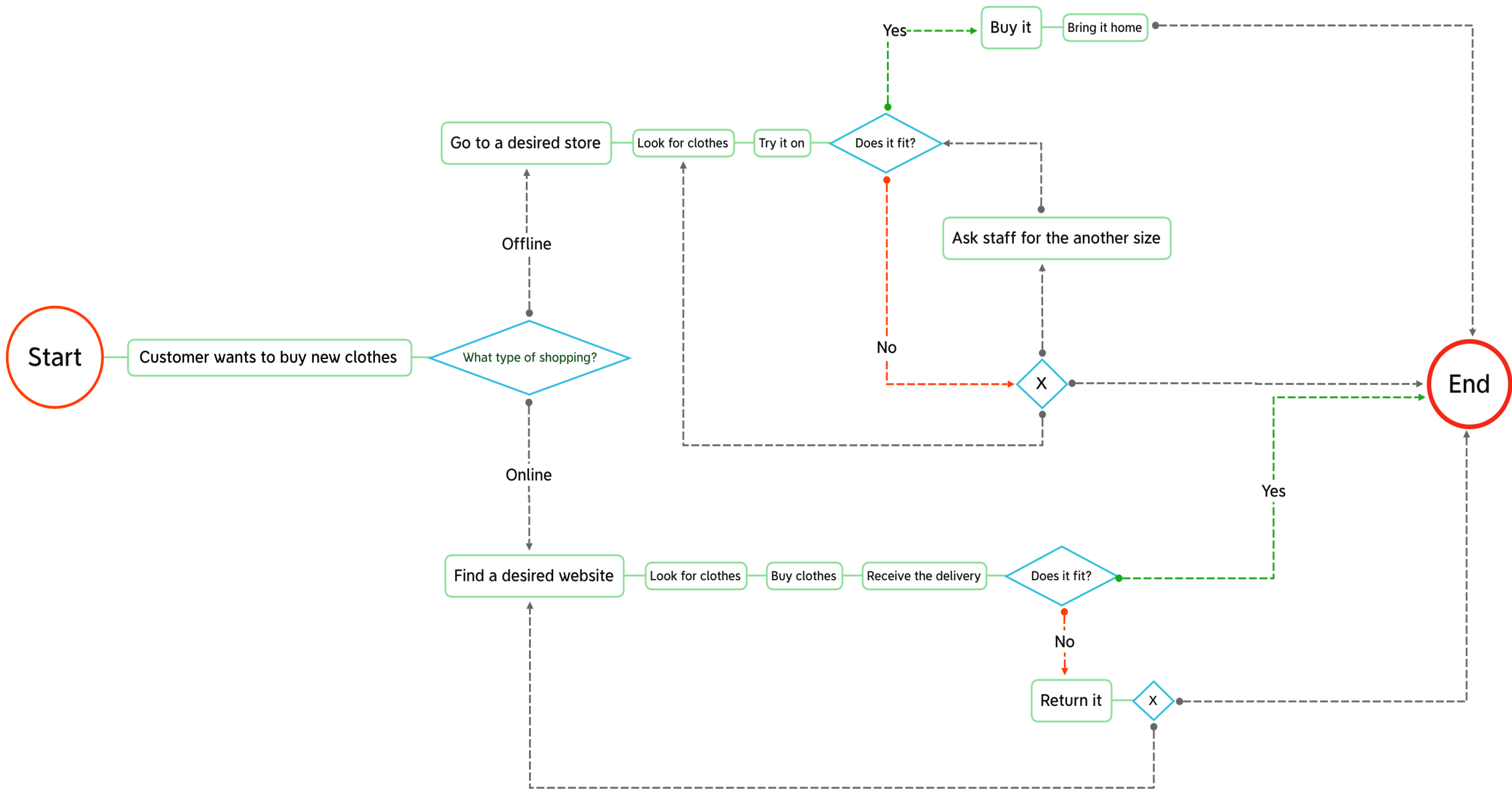
Immerse summer school, 2022

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Motivation

- Current system of shopping either online or offline is inefficient
- Overwhelming number of unorganized options
- Automatization can be applied to many processes to reduce the amount of manual labour

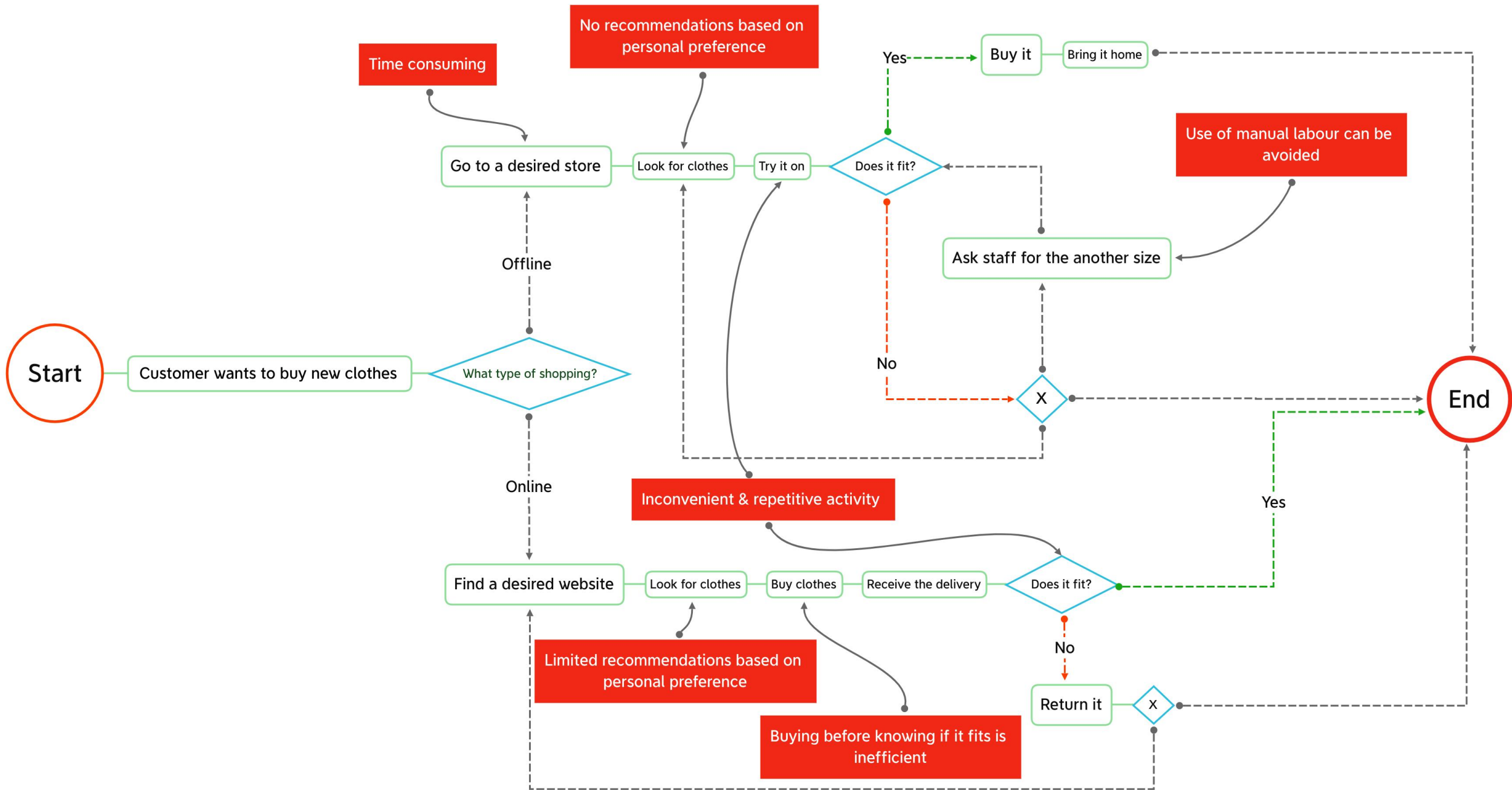


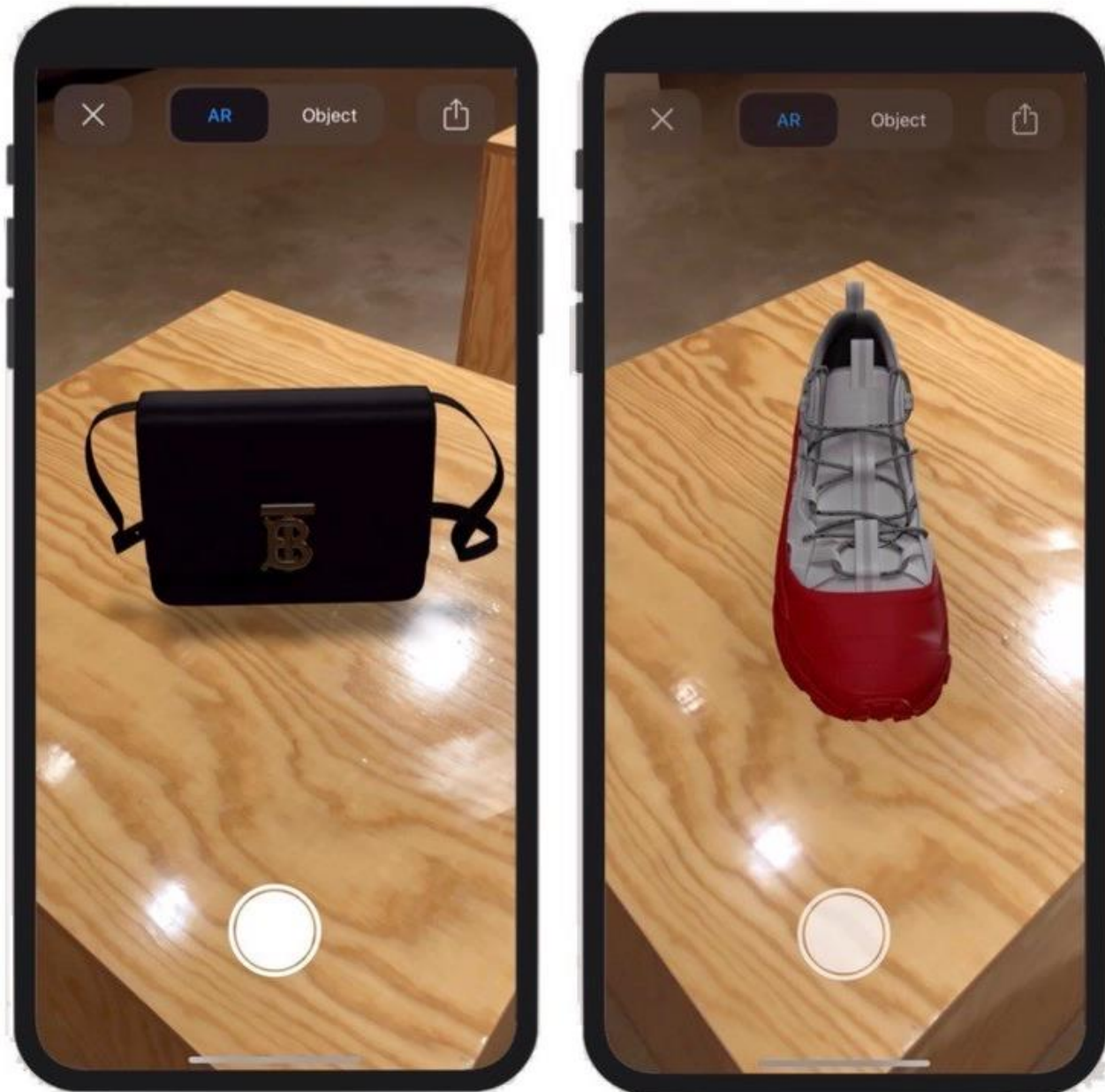


The problems

- Shopping is a time consuming process, because you not only need to choose from countless number of options with little to no technical assistance, but also it could be hard to tell how a piece of clothing will look on you without trying it on first.
- Not to mention that different companies have different standards of sizes (e.g. two pairs of shoes with size 42 from different companies will vary in actual size)



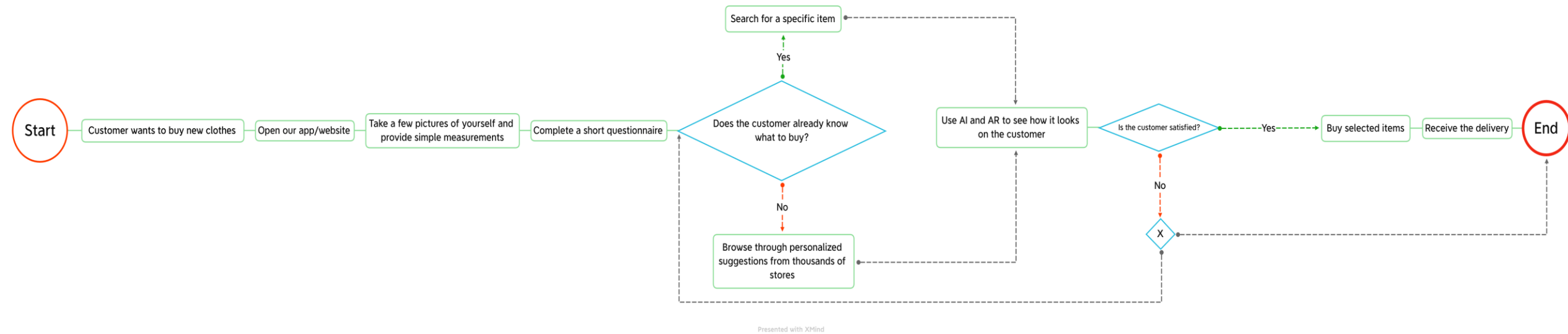




Solution

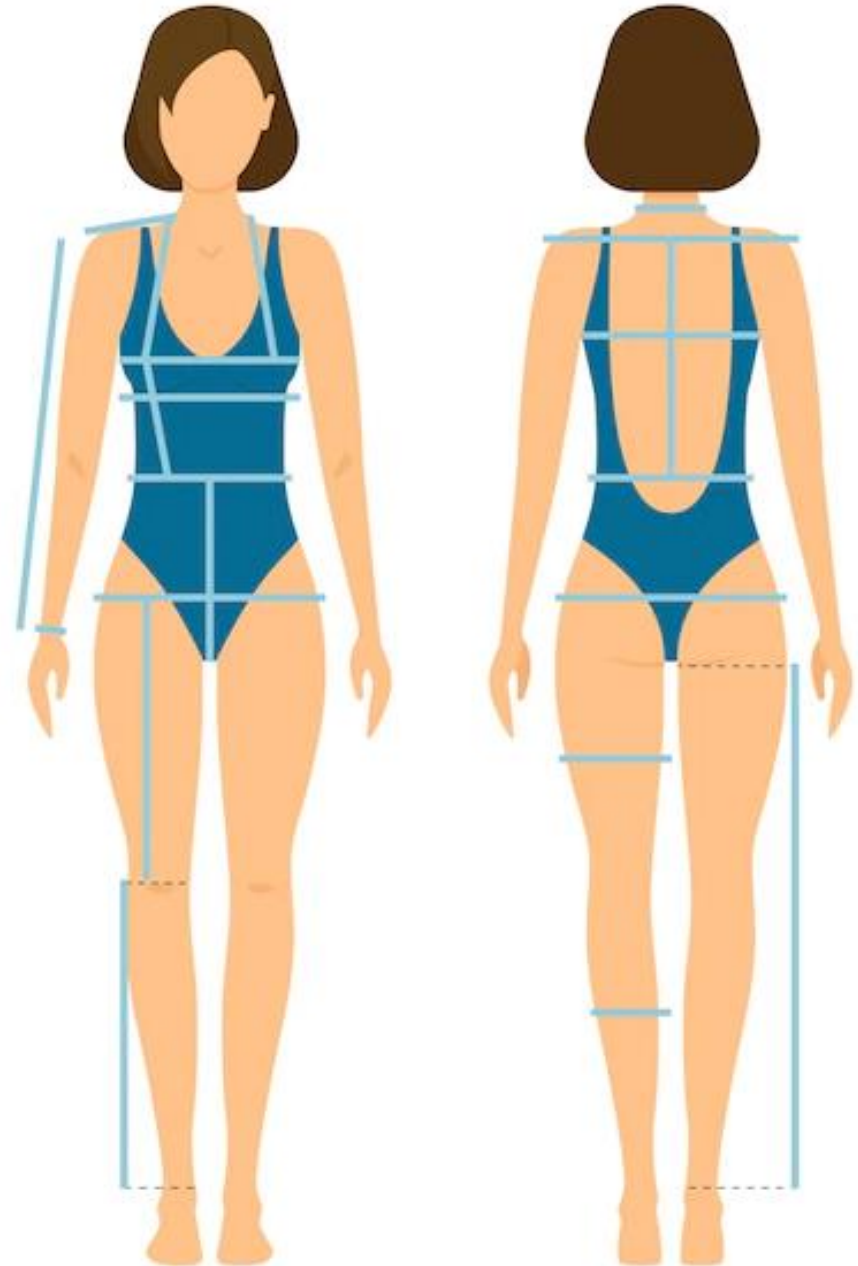
- The use of AI and AR (Augmented Reality) can fully resolve the aforementioned problems in a more efficient and convenient manner compared to the current alternatives.

BPMN diagram



Dataset

- Pictures of a person from different sides in underwear
- Same person dressed with
- Labels corresponding to clothing pieces
- Essential measurements of body parts





Acquiring data

- Publicly available sources (models, clothing shops, etc.)
- Medical institution
- Online submissions by volunteers