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## The Problem

Current selfcheckouts are difficult to
use, operate inefficiently,
and waste time. They put
the needs of the grocer
first, not the customer.

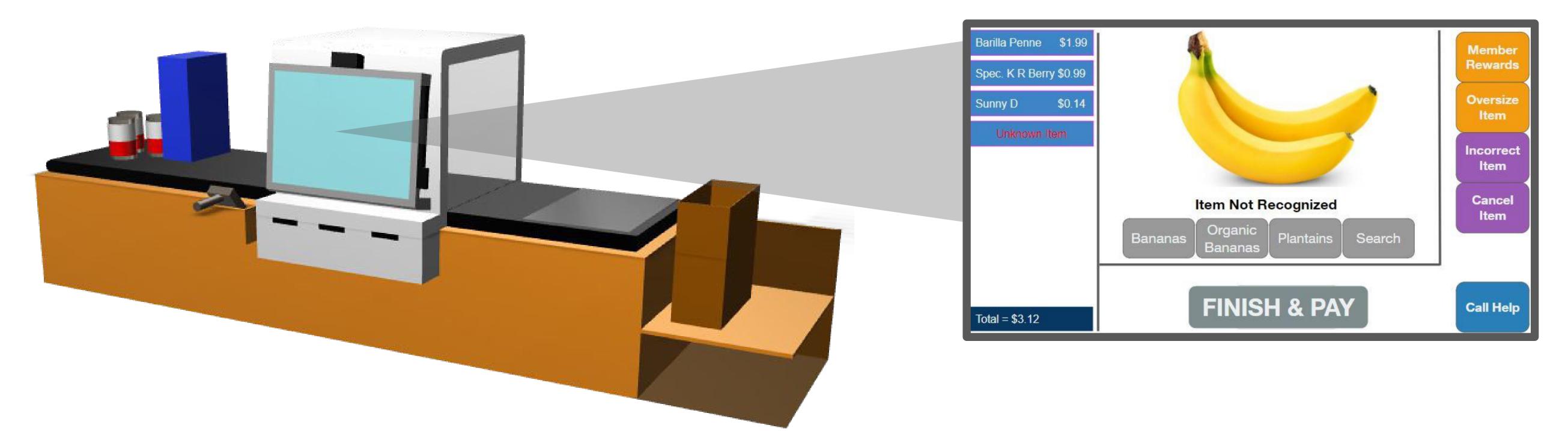
# Value Proposition

**Checkout Without a Workout** 

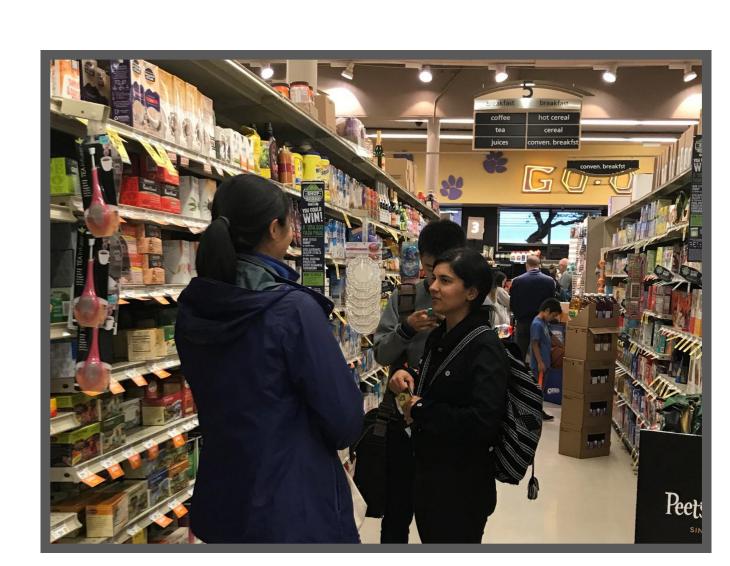
Our new design maximizes ease and speed. The machine does all the work but customers remain in control. Just place, bag, and pay for items.

## Key Functionality

Items, including bulk items and items without barcodes, are placed on a conveyor belt and pushed through a scanner box that uses computer vision to identify items. The customer verifies and pays for items with an easy-to-use terminal, and that's it!

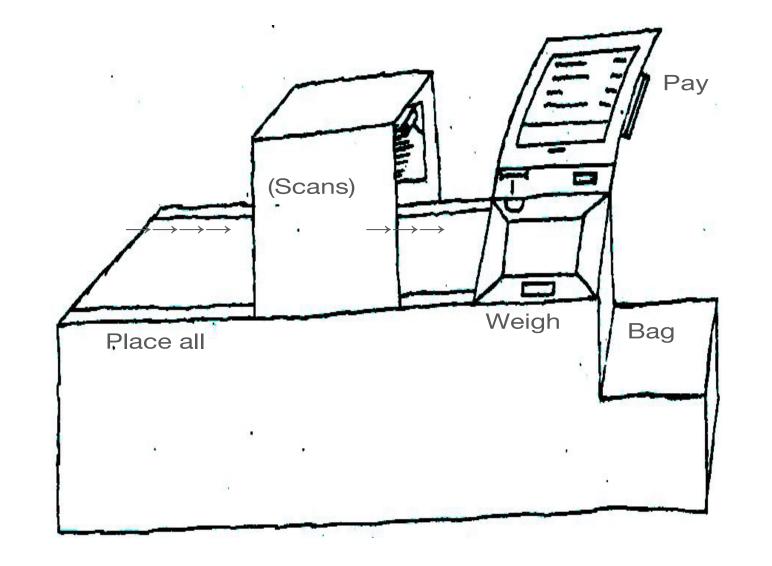


### Design Iteration



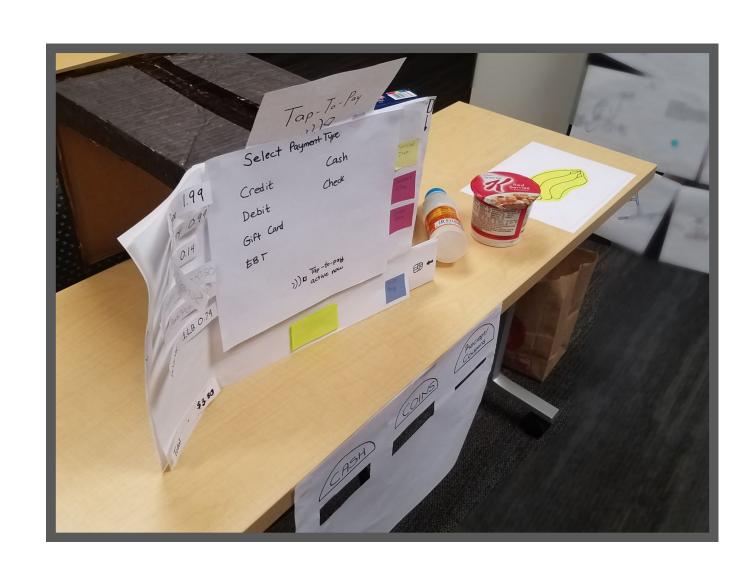
#### Research

We spoke to customers and employees in grocery stores to understand their problems and needs.



#### Sketches

We explored many different ways customers can check themselves out quickly and effortlessly.



#### Prototyping

We created a researchbacked paper prototype tested on real customers and constantly iterated our work.



#### 3D Model

Our final design integrates months of feedback and improvements that make the checkout experience as smooth as possible.