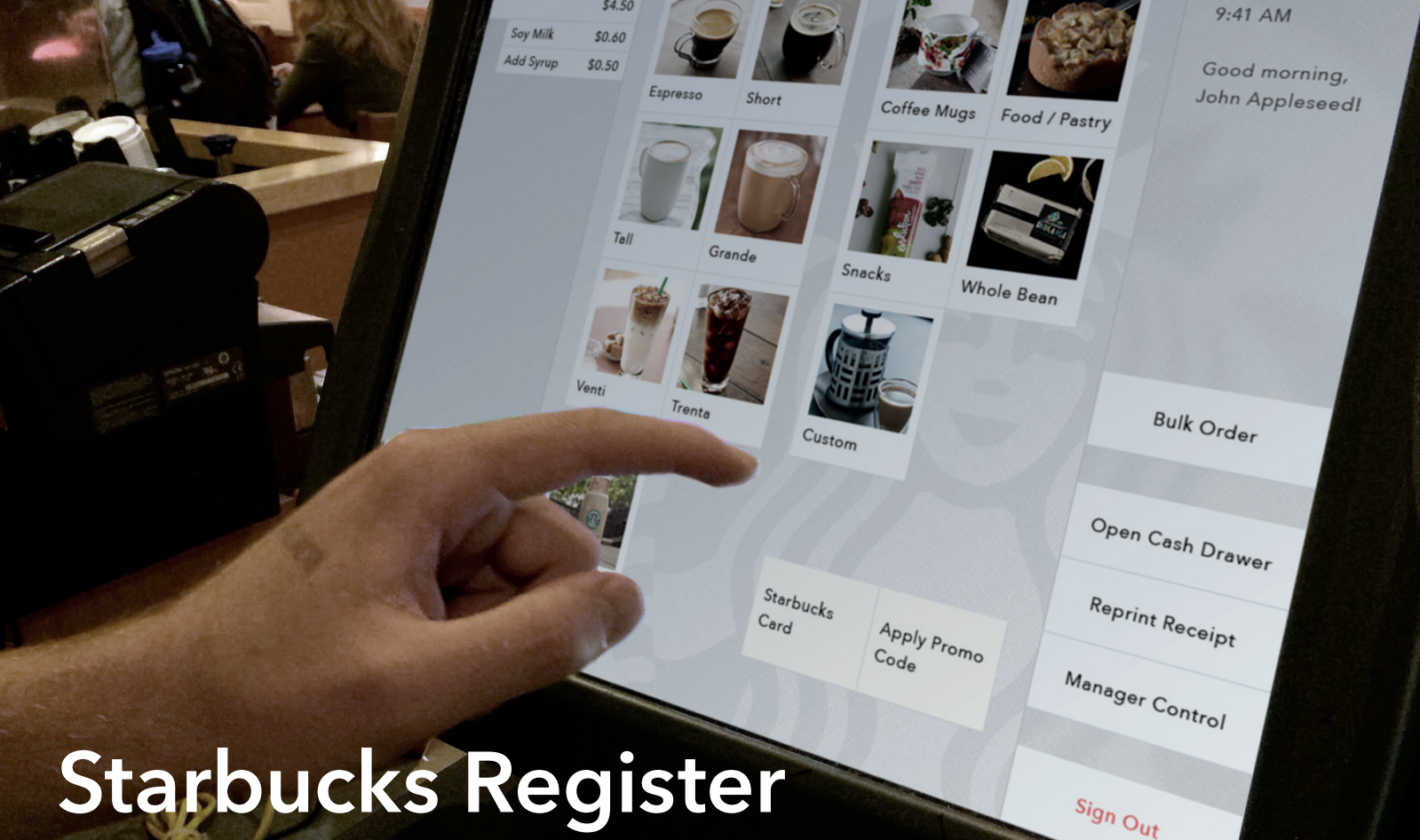


Starbucks Register Interface Redesign Concept



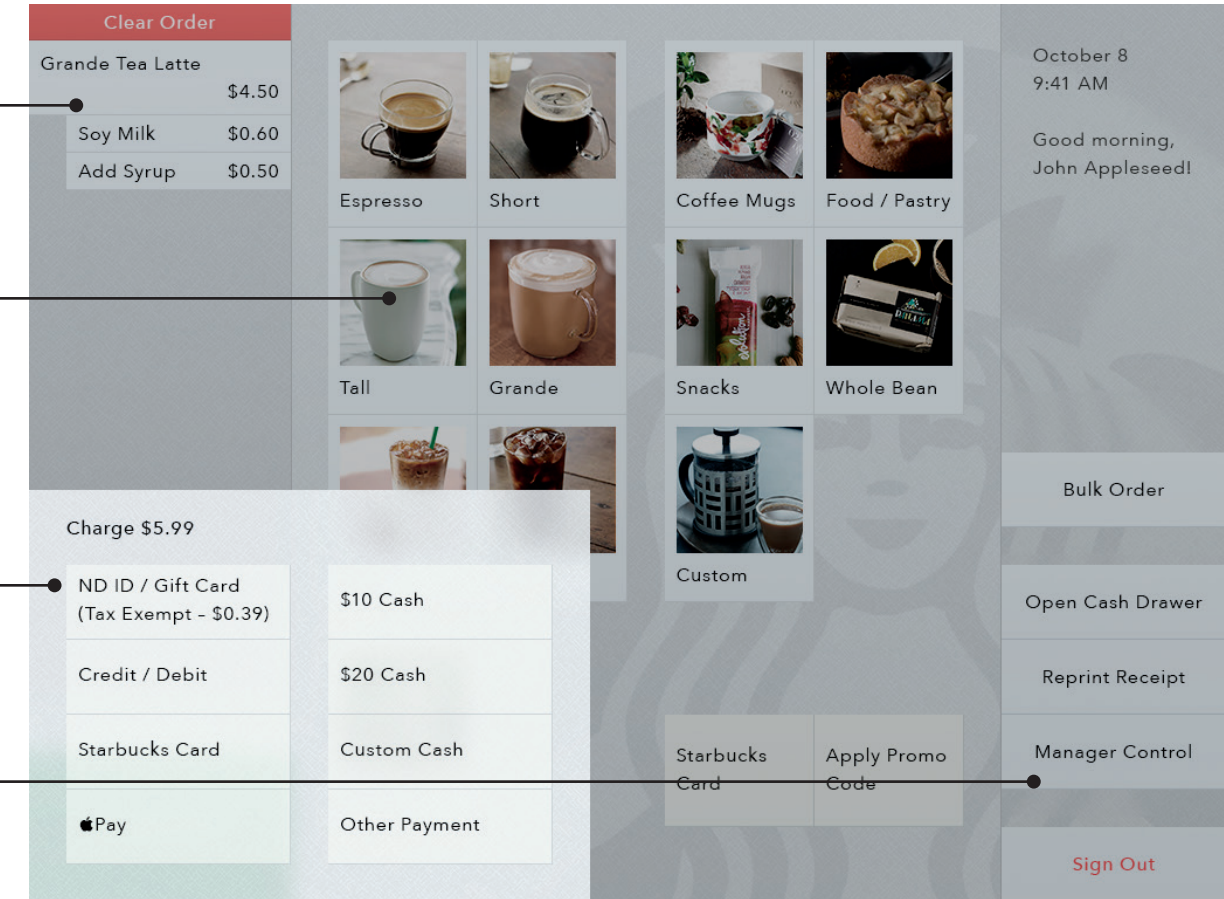
// Design Features

The new **grouped order list** enables baristas to review the order in a glimpse.

Grouped drink and item list makes finding items a breeze.

The **intelligent payment processor** combines card readers and predicts cash payment, making the checkout process as easy as pressing one button.

The **redesigned control bar** declutters the screen and minimizes chances for mistakes.



// Introduction

Hundreds of people visit the Starbucks in the LaFortune Student Center at University of Notre Dame every day. The register system at Starbucks supports their different needs and tastes with lots of functionalities: check out simple coffee or fancy frappuccinos, check out food and pastry, reload Starbucks cards, etc.

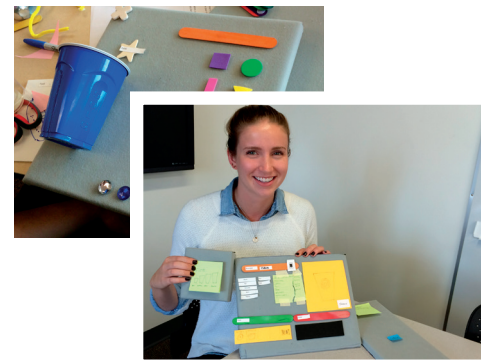
The current interface, while serving its purposes, looks dated and is confusing to use. There're several problems: a large part of the screen is wasted; buttons are disorganized; color is overused; and there're redundant controls on every screen.

My redesign, taking advantage of the flexible touchscreen, **addresses these usability issues, refines interaction logic, and brings a major visual overhaul** to this interface.

// Research

In the generative research phase, I conducted interviews and usability tests with baristas and other students. Regardless of experience level, all users find the current interface **particularly disorganized** and hard to use.

In the participatory research phase, many participants proposed ideas with **rich visual elements and better grouped items**, which helped refining my design direction.



during participatory research, participants presented visually-appealing redesign ideas and more logical item grouping.

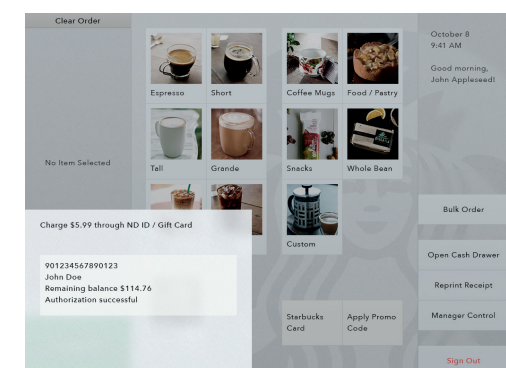
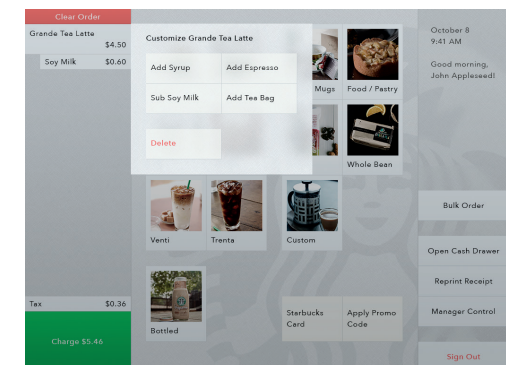
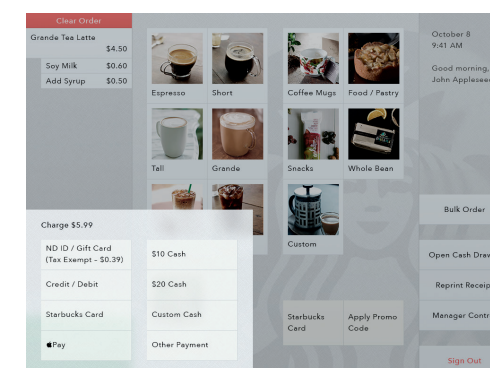
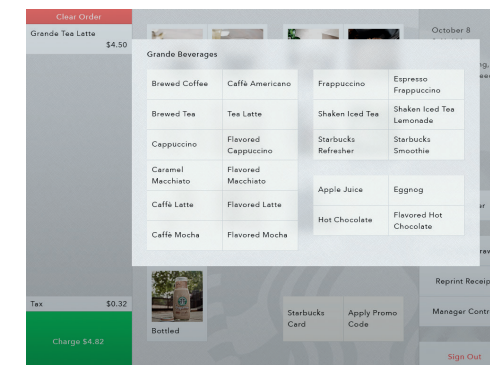
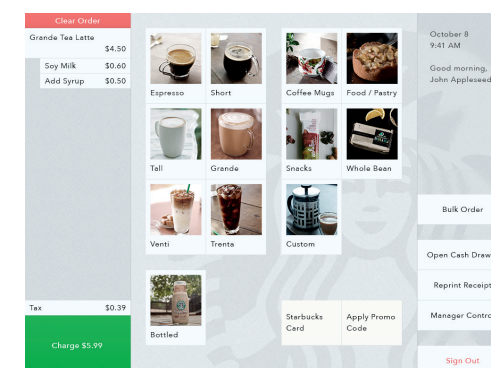
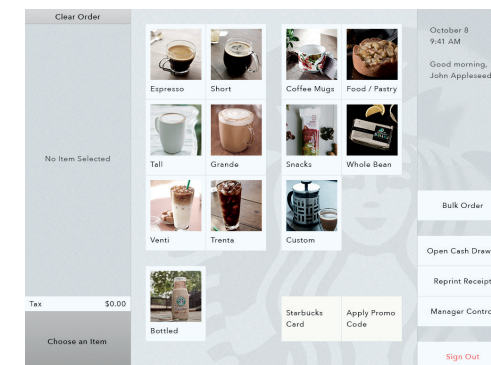


original interface in context. color is messy and confusing.



item selection screen. buttons are disorganized and hard to read.

// Taskflow



check out a grande awake tea latte with soy milk and extra syrup, and pay with student id card