

The background is a gradient of dark blue to purple, speckled with small white dots. Overlaid on this are several faint, white circular and semi-circular patterns. On the left side, there is a large circular scale with tick marks and numbers ranging from 150 to 260. Other circular patterns with arrows indicating direction are scattered across the image.

# BISON ORDERING SYSTEM

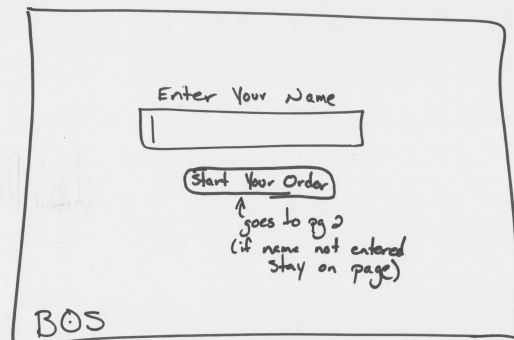
REFINING THE ORDERING PROCESS FOR BISON CUSTOMERS

# PROBLEM DOMAIN

- Current Bison ordering system requires paper slips – environmentally harmful and inconvenient for customers.
- Challenge was to replace the existing system while meeting Bison management requirements:
  - No changes could be made to the point of sale system
  - Orders must still come to cooks on paper slips

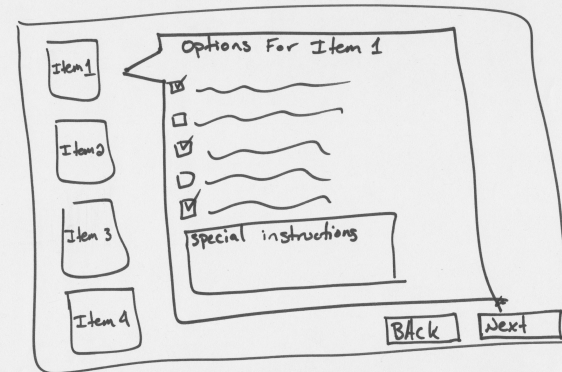
# PAPER PROTOTYPES

## Intro Screen



1

## Main Ordering Interface



3



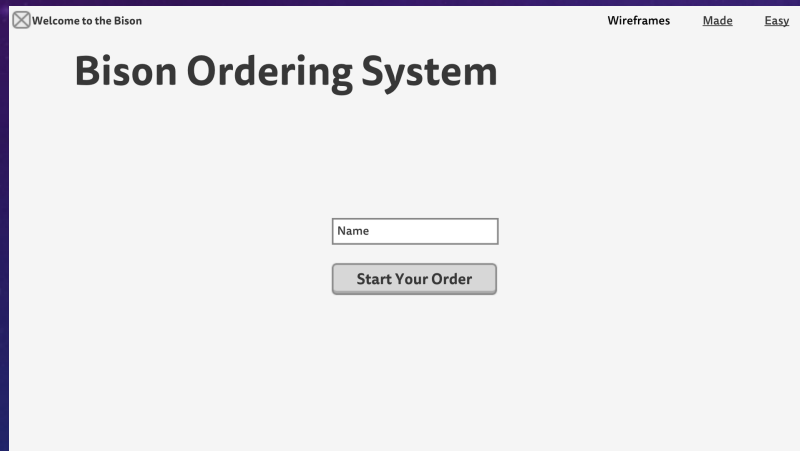
# CHANGES FROM USER FEEDBACK

- Follow iOS design practices – most users are familiar with iOS apps and our product should follow Apple design guidelines.
- Issues with altering orders – users should be able to alter an order at any time before submitting.
- Users would like to be able to order outside of the Bison using personal devices – not allowed by Bison management.

# CHANGES FROM USER FEEDBACK

## MEDIUM FIDELITY PROTOTYPE

### Simplified Interface



Wireframe of the Bison Ordering System showing a simplified interface. The header includes a welcome message, navigation links, and the title. The main area contains a name input field and a 'Start Your Order' button.

Welcome to the Bison

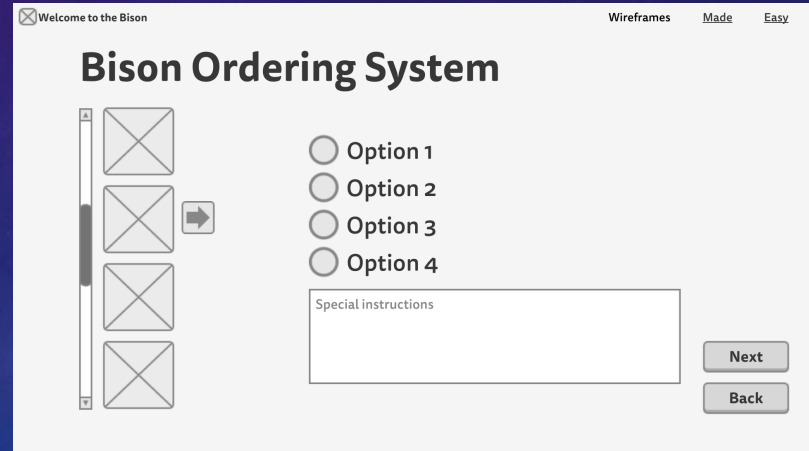
Wireframes Made Easy

## Bison Ordering System

Name

Start Your Order

### Clear Options Layout



Wireframe of the Bison Ordering System showing a clear options layout. The header is identical to the previous wireframe. The main area features a vertical list of four placeholder boxes, a right arrow, a list of four radio button options, a 'Special instructions' text area, and 'Next' and 'Back' buttons.

Welcome to the Bison

Wireframes Made Easy

## Bison Ordering System

Option 1

Option 2

Option 3

Option 4

Special instructions

Next

Back

# CURRENT STATE OF THE APP

- Unmet Goals:
  - No system to print out tickets for Bison staff.
  - Menu is not dynamic – cannot be easily changed by Bison management.
- Accomplished Goals:
  - Most of the Bison menu has been implemented, excluding special orders.
  - All visible functions in the app are working properly – nothing hard coded.





# DEMO

# FUTURE GOALS

- Implement a dynamic menu system allowing for easy alterations.
- Finish the ticket printing system – output orders to a thermal printer.
- Refine the ordering system based upon feedback from real world use.