USABILITY FEATURES

- access to inventory updates (i.e. out of stock)
- Sorting Features for prioritization when routing
- **Add items mid-route**
- ability to download the route for sharing, ect.
- Ability to route around specific aisles to limit temptations
- **Speech synthesis**
- Preferred Units of Measurement Filters
- Access to Organized Favorites Lists for Locations and Routes

CALCULATIONS

- Sort item precedence by distance and location
- Calculate all alternative routes
- Unit conversions for distance
- **Calculate total distance**
- Calculate estimated time for traversing route

STORE INFORMATION

- **Current Store Layout**
- Store accessibility (i.e. handicap accessible)
- **Item location**
- **Item Inventory**
- Path Obstructions
- Operational Hours

SECTIONS FOR ROUTING

- Bread/Bakery
- **Frozen Goods**
- **Snack Items**
- Refrigerated Goods
- **Baking Needs**
- Meat/Fish
- Canned Goods
- Produce
- Breakfast & Cereal
- Paper Products
- Pet Supplies
- **Drinks**
- Cleaning Supplies
- Pharmacy Items

MEMORY

- ability to save favorite routes for reuse
- ability to save favorite stores and locations for easy access
- ability to save aisles meant to be avoided in routes

UNITS OF MEASUREMENT

- Metric System for distance filter
- U.S. System for distance filter
- **Estimated time to travel distances**
- estimated number of steps to take for distance based on an average stride