**Milestone 3**

**Team Unicorn Frappuccino**

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Use Cases

**Scenario #1**

Bob goes to the store to buy some Dove brand soap. When he gets to the store, there is an empty shelf where the product is supposed to be. There are no store assistants around, but the price tag and barcode are on the empty shelf. Bob opens the Smart Shopping Planner App on his smartphone to scan the barcode. He sees the current store still has some Dove brand soap in stock. He goes to the help counter to get some assistance in finding the product.

**Use case #1**

1. The shopper opens the “Smart Shopping Planner” App
2. The shopper taps the “Scan Barcode” button
3. The App turns to the barcode scanning interface
4. The shopper holds the phone steadily and aims at the product barcode
5. The App detects the barcode
6. The App returns the product information and a list of stores which carry this product sorted by distance
7. The shopper finds and selects the current store by tapping it
8. The App displays the product price, stock availability, store information and customer reviews

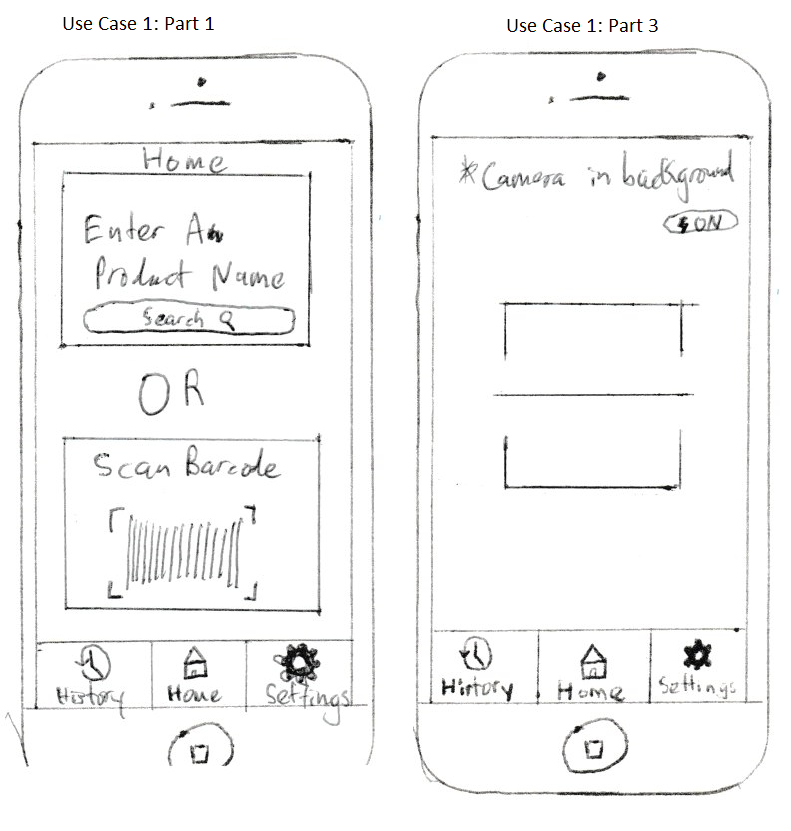
**Scenario #2**

Frank, a bargain shopper, is looking for some AA batteries since he recently ran out. He wants to get them at the lowest possible price quickly, since he needs them soon. He abandons the idea of searching through multiple flyers and comparing prices, and instead he opens the Smart Shopping Planner App on his smartphone. He then searches for “AA batteries” on the app using the search tool. He chooses Duracell brand batteries and finds that an 4 pack of AA Duracell batteries is on sale at his local Walmart, with the lowest price overall at the moment. Frank begins to go to Walmart after he checks the desired product is in stock.

**Use case #2**

1. The shopper opens the “Smart Shopping Planner” App
2. The shopper enters the keywords “AA batteries” in the search box and taps the “Search” button
3. The App returns a list of products fitting the keywords
4. The shopper chooses and taps an entry
5. The App returns the product information and a list of stores which carry this product sorted by distance
6. The shopper taps the “Lowest Price” button
7. The App returns the product information and a list of stores which carry this product sorted by price from low to high
8. The shopper finds and selects the store which has the lowest price by tapping it
9. The App displays the product price, stock availability, store information and customer reviews

Low Fidelity Prototype

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