CLI Project Planning

**USER STORY**

ORIGINAL: Little Bobby Jr. is riding in the car on the way to his tour of the Blue Bell Ice Cream factory in Brenham, Texas. Before leaving, Bobby Jr's parents showed him all of the wonderful flavors that Blue Bell makes. They're so close to the factory, Bobby Jr. is convinced he can feel the cool ice cream air. on his skin. He asks Bobby Sr. for his phone, to look at all of those wonderful flavors again, but their website isn't loading in the small town of Zionville Texas! Luckily, Bobby Jr. has the Blue Bell Ice Cream Flavor CLI App:

1. Bobby Jr. starts the app and is greeted with all of the flavors Blue Bell offers.

2. Bobby Jr. finds a flavor he wants to read about, and is shown a description of the flavor he chose.

3. Bobby Jr. then has the option to go back to the list of flavors (and choose another flavor) or exit the app.

UPDATED: Little Bobby Jr. is riding in the car from the Blue Bell Ice Cream factory in Brenham, Texas. After sampling every flavor of ice cream Blue Bell has to offer, his tummy is full, but his sugar rush is still high. Bobby Sr.’s sugar rush has worn off, and his migraine is coming in… Bobby Jr. wants to know all about the BEST flavors of ice cream. Unfortunately, since they just left the Blue Bell factory, Bobby’s family has a very unstable internet connection. Luckily, with the I scream, you scream, we all scream for ice cream CLI, Bobby Jr. is able to see the top 10 flavors without a strong internet connection:

1. Bobby Jr. starts the app and is greeted with the top ten flavors of ice cream, and their brands.
2. Bobby Jr. finds a flavor he wants to read about, and is shown the brand name, website to purchase, and the price.
3. Bobby Jr. then has the option to view other flavors of ice cream, or to exit the app.

**REPOSITORY**

<https://github.com/mbade1/blue_bell_final>

**FLOW DIAGRAM**

<https://app.diagrams.net/#G1ZHOTWUhJIutIMN0jWzAvcHFJFpbXoP69>

**DATA SOURCE FOR SCRAPING**

<https://www.goodhousekeeping.com/food-products/g32366339/best-ice-cream-brands/>

**CLASSES TO CREATE**

Scraper Class, CLI Class, and Flavor (blue\_bell\_ice\_cream) Class

**Core Concepts for the CLI Project and review**

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| --- | --- | --- |
| Basic control flow - hot “if” statements work: | **GREAT** | CLI #product\_listings and #menu |
| Variable scopes - method, instance, and class: | **GREAT** | class BlueBellFinal::BlueBellIceCream  @@all and @name, @brand, etc. |
| Object instantiation - #new (and possible #initialize): | **GREAT** | Scraper - line 17 |
| The meaning of the “self” keyword: | **OKAY** | class BlueBellFinal::BlueBellIceCream  def self.all and self.find\_by\_index |
| Method types - class vs. instance methods: | **GREAT!** | class BlueBellFinal::BlueBellIceCream  initialize, self.all |
| Method return types - knowing what methods return: | **GREAT!** |  |
| Iter. through collections at least using #each with a block: | **GREAT!** | Scraper class #each method. |