



Ice Cream Ratings

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System Description

- Our project is a simple review program through command line
- Users can look up various ice cream flavors from 4 different brands
- Users can look up certain flavors or ingredients
- Users can view review and ratings for each ice cream flavor
- Users can rate a review as helpful or not helpful
- Users can add reviews
- User can sort based on categories (E.g. Most popular)



Implementation Design



IDE

Visual Studio Code



Database

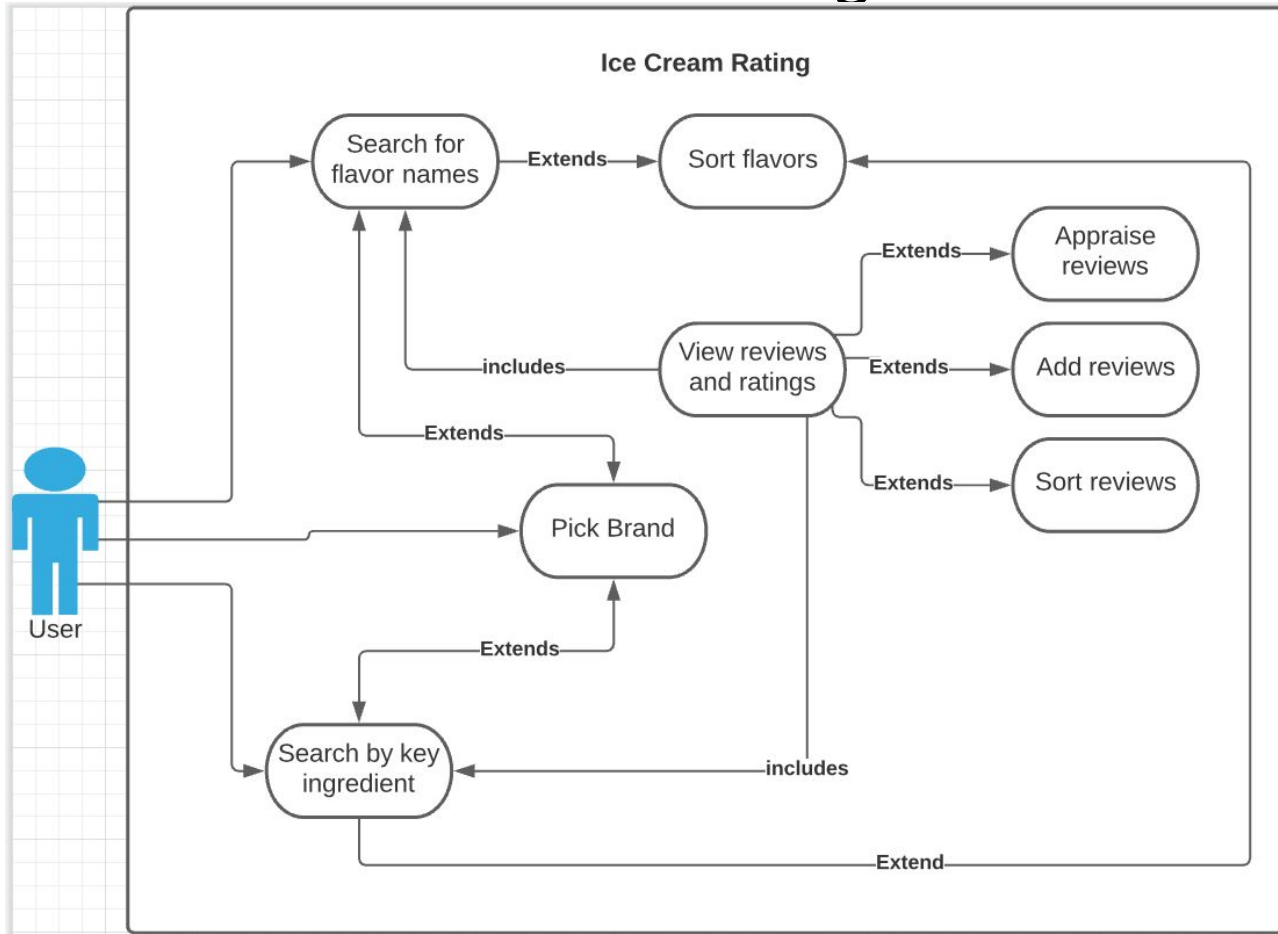
SQLite3



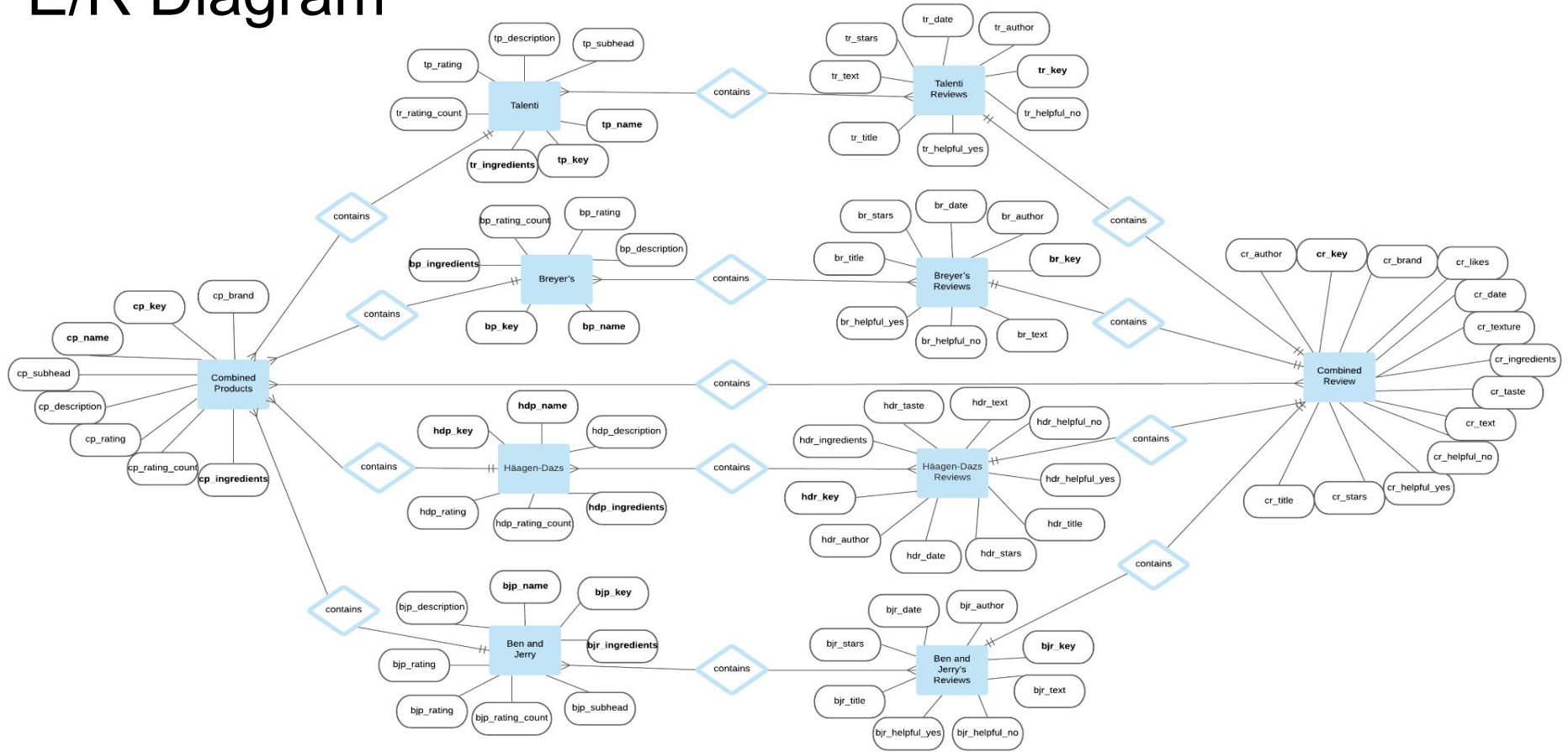
Bootstrap

Terminal

Use-Case Diagram



E/R Diagram





Combined Product

- cp_brand, cp_key, cp_name, cp_subhead, cp_description, cp_rating, cp_rating_count, cp_ingredients

Häagen-Dazs

- hdp_key, hdp_name, hdp_description, hdp_rating, hdp_rating_count, hdp_ingredients

Häagen-Dazs Reviews

- hdr_key, hdr_author, hdr_date, hdr_stars, hdr_title, hdr_helpful_yes, hdr_helpful_no, hdr_text, hdr_taste, hdr_ingredients

Talenti

- tp_key, tp_name, tp_description, tp_rating, tp_rating_count, tp_ingredients

Talenti Reviews

- tr_key, tr_author, tr_date, tr_stars, tr_title, tpr_helpful_yes, tr_helpful_no, tr_text

Product Flavor

-pf_productkey, f_flavorkey

Flavors

- f_name, f_flavorkey



Relational Schema

Combined Review

- cr_brand, cr_key, cr_author, cr_date, cr_stars, cr_title, cr_helpful_yes, cr_helpful_no, cr_text, cr_taste, cr_ingredients, cr_texture, cr_likes

Ben and Jerry's

- bjp_key, bjp_name, bjp_subhead, bjp_description, bjp_rating, bjr_rating_count, bjr_ingredients

Ben and Jerry's Reviews

- bjr_key, bjr_author, bjr_date, bjr_stars, bjr_title, bjr_helpful_yes, bjr_helpful_no, bjr_text

Breyer's

- bp_key, bp_name, bp_description, bp_rating, bp_rating_count, bp_ingredients

Breyer's Reviews

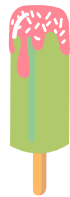
- br_key, br_author, br_date, br_stars, br_title, br_helpful_yes, br_helpful_no, br_text

Product Ingredient

- pi_productkey, pi_ingredientkey

Ingredients

- i_ingredients, i_ingredientkey



Thank You!

