

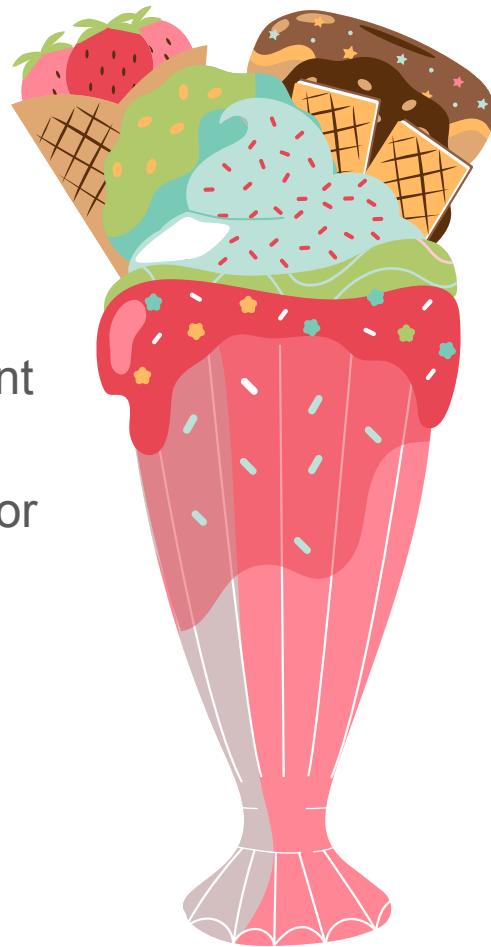


# Ice Cream Ratings

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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 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

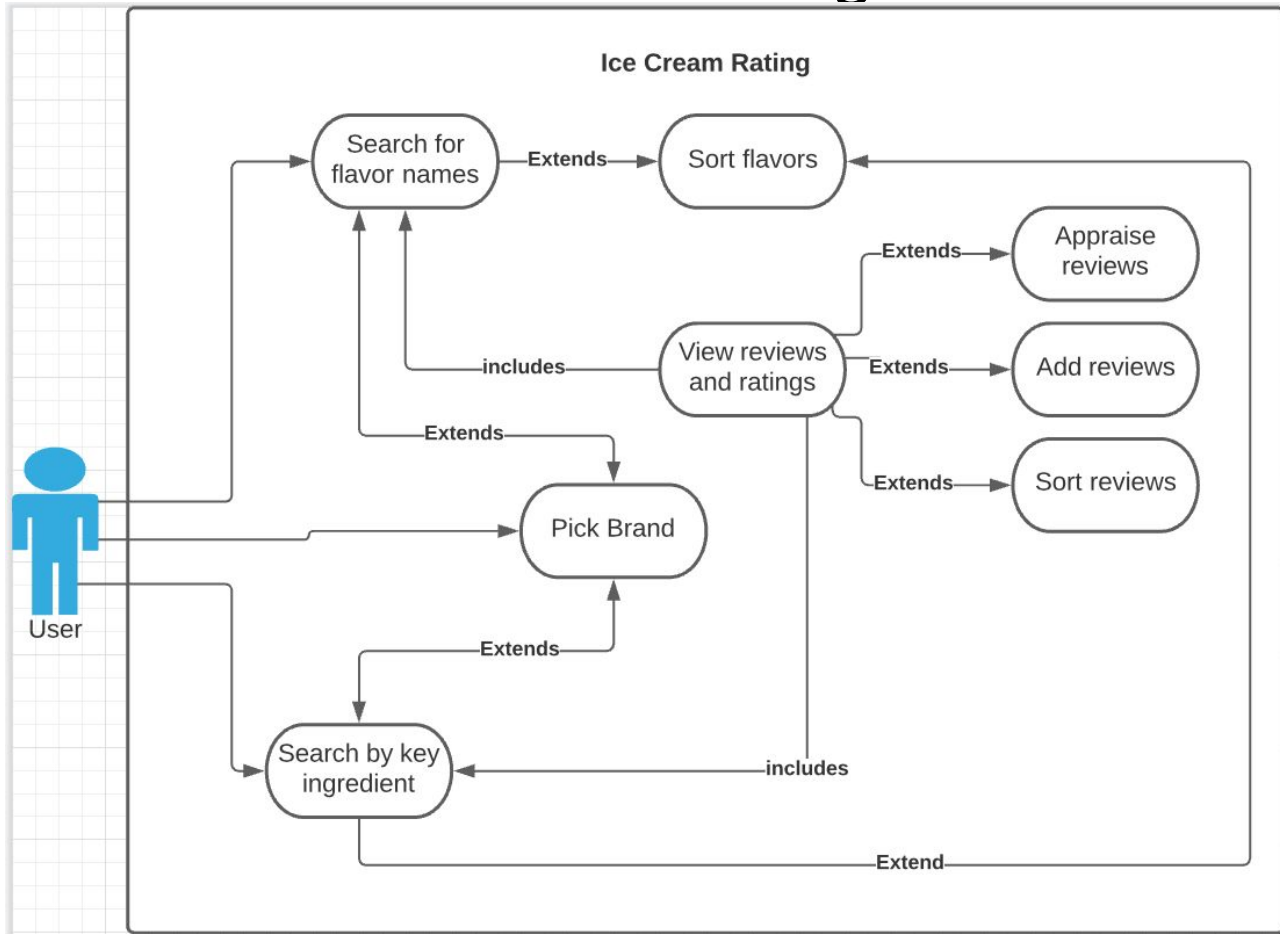
SQLite3



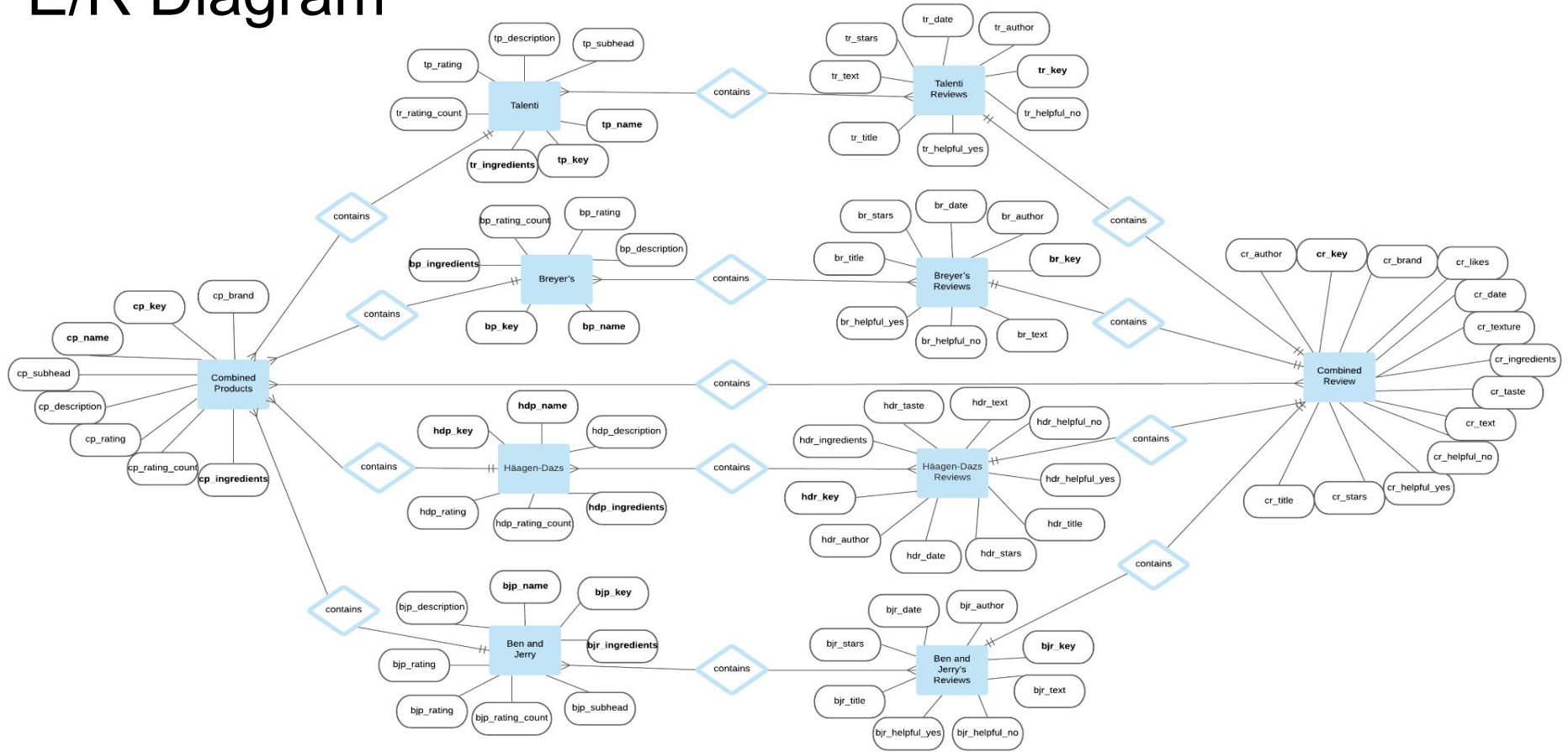
Bootstrap

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, tr\_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, bjp\_rating\_count, bjp\_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

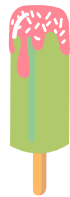
- br\_key, br\_author, br\_date, br\_stars, br\_title, br\_helpful\_yes, br\_helpful\_no, br\_text

## Product Ingredient

- pi\_productkey, pi\_ingredientkey

## Ingredients

- i\_ingredients, i\_ingredientkey



# Thank You!

