

## 1. General Shared Professional Dictionary

- What is it? (brief 2-3 sentences)
  - **Answer:** A database for terms or jargon from majors at an undergraduate level, such as CS or EE, or any liberal art majors. It has a publicly maintained version and any individuals could have their own dictionary by pulling an entry from the public database to their local machine. While the publicly maintained version requires qualified people to update or modify the term and requires professionals to verify, on individuals' local machines, they can make their own notes or create relationships with another term, making it their own version. The database's scope could be confined to UCSD courses. For example, Each dictionary entry could be tagged with the course number. And users could filter the database by the course number to get all the terms covered in the course.
  - **C:** Create a dictionary term.
  - **R:** People access it remotely or pull for their own version.
  - **U:** Public database term updated. Or users make notes on their own dict.
  - **D:** Delete an entry, either in a public database or a personal database.
- **Features:**
  - Sections and subsections hold a group of terms.
  - Created date, last edited date.
  - Confirmations if we need to delete something.
  - Create your own personal set of definitions, for a test or general knowledge.
  - Dictionary Fashion, not a Wiki, so explanations are required to be concise, focused, and relatively general.
  - The key is a term, and values are a explain that could contains the text, simple multi-medias, **links to other entries** so the knowledge are connected.
  - Report button. If anyone found an entry is erroneous, it set a flag on the entry that is only visible to
  - Admin and moderator system?
  - Simple rating system, just like Google Scholar shows how many cite on the article's publisher.

## 2. Journal Entries

- What is it? (brief 2-3 sentences)
  - **Answer:** This is a CRUD app where users can create journal entries on events or personal thoughts throughout time. These entries can be tagged and grouped to help users identify relationships or trends in their thoughts or feelings. Allows for the organization of ideas chronologically but also through other factors (like everyday events or feelings) as the user sees fit.

- **Why:** This idea is local-first and holds data created solely by the user. Innovative in that this idea is not too commonly implemented and yet leaves room for features for the app to assist the user in their documentation and organization of entries.
- **C:** Journal entries about mental health and personal events. Place tags about the general idea of the entry to give it a theme.
- **R:** Review entries and find similarities between entries over time.
- **U:** Categorize entries based on tags and related events. Draw relationships and trends from tags and themes.
- **D:** Delete/archive outdated entries as events pass on or lose importance.
- **Features:**
  - Ability to upload journal entries which is any personal text
  - Assign tags to entries based on common events or feeling descriptors
  - Group and categorize entries by tags
  - Emotional scale to rate entries and show the progress of a scale by time past
  - Display entries in chronological order or in the group order
  - Delete or archive entries or groups
  - Allow status changes and mental health posts for online use
  - Perhaps an algorithm on helping users organize posts based on text or tags
  - Divide features between local and online so users' trust is kept and are able to journal safely

### 3. Backups:

- **Recipes**
  - Upload recipes
  - "Fork" recipes and adjust them as wanted
  - Show connections between recipes
- **Quizlet but with more testing options**
  - **C:** Create your own decks (localfirst) with a variety of question/answer templates and options. Fill in blanks, matching, flashcard, etc. Sort items in deck to gather data on what topics you know best/worst and what you need to review the most. Share online if you want
  - **R:** Read and try out other peoples study decks. Download and make your own local changes to other peoples decks!
  - **U:** Update decks as you learn more and sync changes to online. Update your own version of other peoples decks
  - **D:** Delete decks you don't want anymore
  - **Features:**
    - Basic flip flash cards
    - Matching flash cards
    - Fill in blanks
    - Audio flash cards
    - Write and run your own code (like in Stepik???)

