User Stories

Similar Projects

- obsidian notion evernote
- vscode intellij
- Remnote Onenote Roam Tana
- (blue note)
- Microsoft OneNotes

Feature Selection

Ideas:
A "mini-map" fixed interactive calendar, picking a day takes us to the entry
Indexing system to access different sections of the journal
Putting tags on an entry, organize entries based on specific problems
Sidebar to navigate through folder of entries
Quick navigation search bar hot key thing
Different templates offered to users, user-customized templates
Dynamic markdown support, syntax highlighting, basic text editor functionality
No word limit
Web app
Basic searching
Font types
Journal entry is locked after day is over
Search by regex
Also convert to desktop version, potential offline syncing
Themes
Make it feel like an IDE, tailored for journaling
Subcalendars/subsections
User experience/feelings/mood rating/feedback
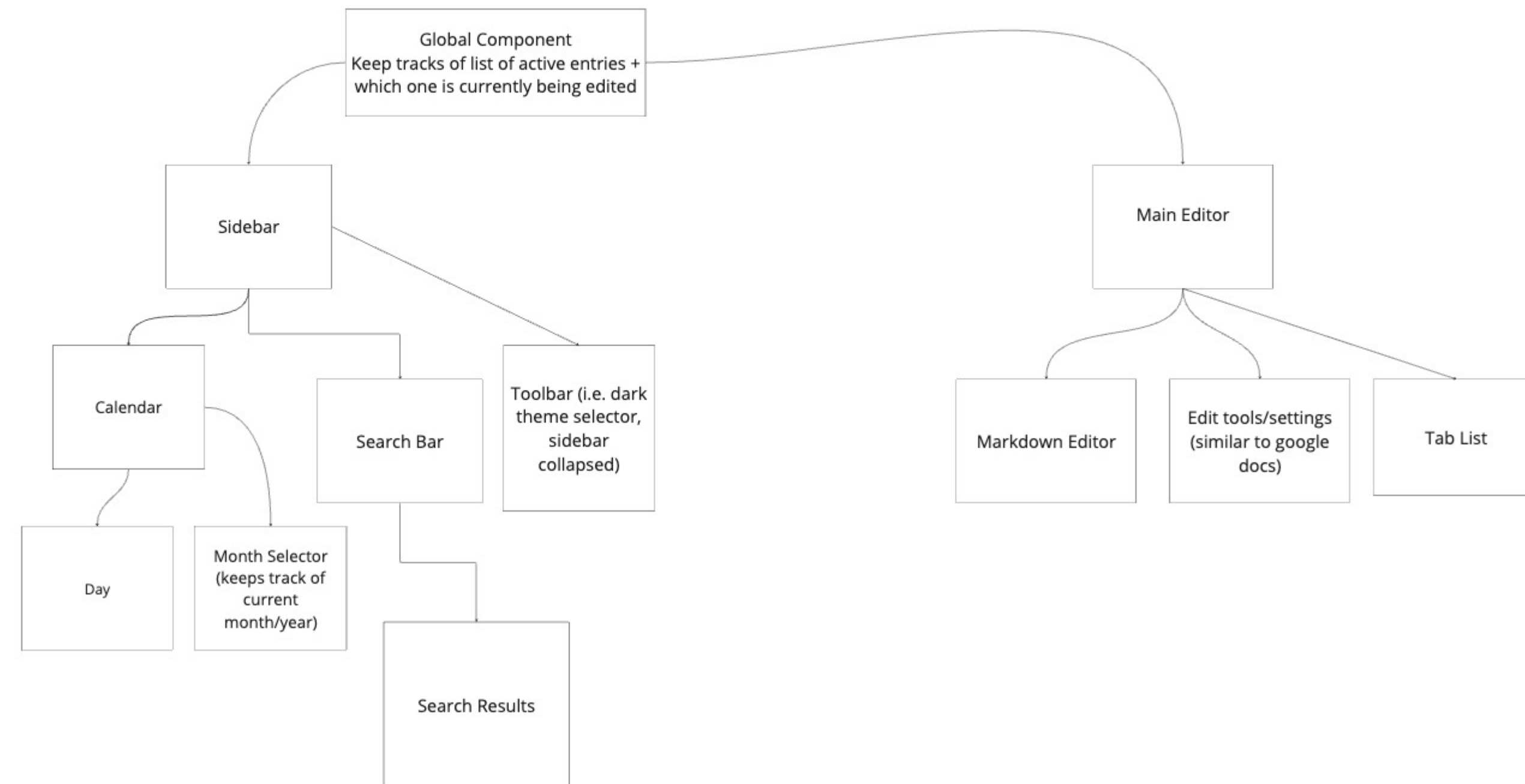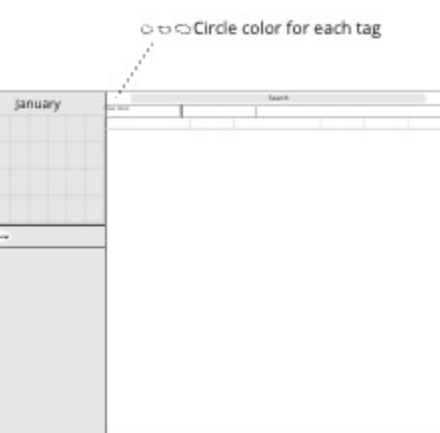High Priority: Images
Personal stickers, user-uploadable/customizable

Confirmed
1. One entry per day
   1. Calendar minimap for indexing
2. (multiple) tags for individual entries (+ days)
   a. Search by tag
   b. Sidebar of tags so you can easily find all days with a certain tags
   c. Extra: color to calendar if it has a certain tag
3. Quick navigation (through lots of shortcuts) + quick toolbar for search
   a. Extra: advanced search
4. Dynamic markdown support
   a. Extra: syntax highlighting
   b. Extra: feature size
5. Dark theme + light theme
6. Image + sticker
   a. Important, but might be technically hard to do it towards the end of the line

User Interface Mockup

tools for dark/light mode

Collapsible Sidebar

tags

table of contents/ minimap

Circle color for each tag

UI Inspiration: Intelli Notion

List of Tags
Maybe list of days
Dark/Light
Mode button
Table of Contents

Sidebar Example

System Design

Global Component
Keep tracks of list of active entries + which one is currently being edited

- Sidebar
  - Calendar
    - Day
    - Month Selector (keeps track of current month/year)
  - Search Bar
    - Search Results
  - Toolbar (i.e. dark theme selector, sidebar collapsed)
- Main Editor
  - Markdown Editor
  - Edit tools/settings (similar to google docs)
  - Tab List

(Flow diagram)

- Display list of search results
- Enter Search Keyword
- Select Search Result + Add to open tabs

Quick Search keystroke

- User Opens App
- Greeted with only current day opened
- Main State: Editing currently selected Day
- Add tags to day

Click Calendar

- Opens new day in editor + adds new tab

Responsive Animation

- Days in calendar with that tag are highlighted
- Select tag in sidebar

Project Roadmap

1. Within a weekend:
   a. Start with setting up GitHub and environment to include linter and tests and whatever
   b. Have *one* person create a wireframe that includes all the necessary boilerplate and skeleton
2. Within a week (or maybe two):
   a. Split into subteams
   b. One subteam: Get plain text editing functionality early on
   c. Another subteam: Start working on search
   d. Final Subteam: start working on Sidebar
   e. Making sure to document everything/add tests in the meantime
3. Within three weeks (or maybe four):
   a. Editor subteam gets markdown support
   b. Search subteam finishes search and results
   c. Final subteam finishes sidebar + calendar + tags
4. Everyone work on improving CSS (overall polish + bug fixes) to become more uniform (within 4 or 5 weeks)
5. Add additional features if time (within 6 weeks)