

Team 21

[NinePlusTen Project on GitHub](#)

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Problem

Many people want to create to-do lists, set reminders, make notes, and write journals in order to keep track of their day-to-day lives and stay on schedule. There are a number of ways to do each of these things, but there are problems for each of them. The first major problem is that each of these things are typically done separately, making organization difficult. Because they are all separate, finding what you need when you need it can be a pain, and it becomes easy to lose track and forget things. Motivation is another key problem. Creating a journal can be a daunting task, and some people believe there is an expectation of a certain level of quality or length to a journal entry. Many people who try to create journals quickly lose interest or motivation to use them daily. Similar issues of motivation come with making to-do lists and reminders, turning into an additional chore to be completed. Our team has resolved to find a solution to these problems, turning journaling, note taking, and scheduling into an organized and worthwhile task.

User Personas

Our main audience is students, but most everyone would be able to adapt to benefit from it. In general our users want to use their bullet journals to record their thoughts in order to look back and remember their plans. Students often feel extremely overwhelmed with all of the tasks they have so our users reflect this to some degree following:

Name: Bobby

Age: 19

Occupation: Academically Struggling Student

Scenario:

Goals: As a student who struggles with keeping track of time and deadlines, online has made it even more difficult to maintain their grade.

Challenges: Possibly not allowed to take the computer out in class.

Needs: Keep track of time and deadlines.

Name: John

Age: 18

Occupation: First Year University Student

Scenario:

Goals: Students living on campus might want to vary their meals throughout the week.

Challenges: The student may not have access to their computer when they record what they eat.

Needs: A way to keep track of their eating habits.

Name: Joe

Age: 23

Occupation: Transfer Student

Scenario:

Goals: As a transfer student who does not have much time to finish their work, a bullet journal will help keep track of everything they need to do.

Challenges: Has a part-time job and therefore works through the night → eyestrain and tiredness while using the app.

Needs: A lowlight solution to keeping track of work that needs to be done.

Name: Franklin

Age: 20

Occupation: Student

Scenario:

Goals: As a health fanatic with a busy schedule, wants to be able to plan workouts as well as keep track of progress.

Challenges: Doesn't bring a computer into the workout room.

Needs: A simple way to enter simple workouts to be looked at later.

Name: Bobby

Age: 19

Occupation: Artistic Student

Scenario:

Goals: As an artist, wants to be able to effortlessly put his thoughts online and keep track of his creativity and ideas.

Challenges: Prefers natural handwriting.

Needs: A better/faster way to keep track of thoughts compared to handwritten.

Solution

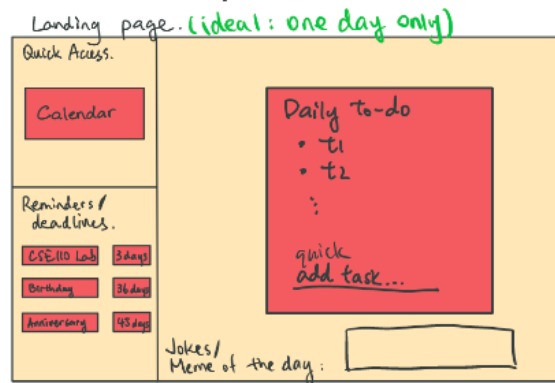
Life is full of chaos if we do not introduce order. As we have seen in the user persona section, there are many different kinds of challenges, and we need to come up with a way to introduce order and reduce chaos. We decided to solve these problems through bullet journaling.

Our main objective is to allow users to benefit from bullet journaling by being more organized while maintaining the habit of using a bullet journal. Bullet journaling on a physical notebook is popular but it has its limitations, thus we are building a web-app so that users can have easy access to their journals. Since everyone has different goals and problems they are trying to solve, we have designed the bullet journal such that one can make a journal entry or event of any type. We also realized the importance of organization in bullet journalling, and since our brains function with hierarchy, we decided to introduce the concept of time hierarchy to allow the user to keep track of their tasks. This includes having a daily view of their tasks/events, a weekly view, and a monthly view. The user should be able to navigate through these hierarchies easily so they can keep track of everything with a sense of time in their mind.

Apart from the organizational aspect of bullet journalling, it is also important to allow users to enjoy the bullet journaling experience so they can maintain the habit of bullet journaling for a relatively longer period of time. So in our bullet journal design, we focus on customization so the user is journaling in a comfortable environment, as well as meme/quote providing on a daily basis so that users can expect something new everyday.

The way these aspects are connected can be seen in our fat marker diagram and wireframe as shown below.

Fat Marker Sketch

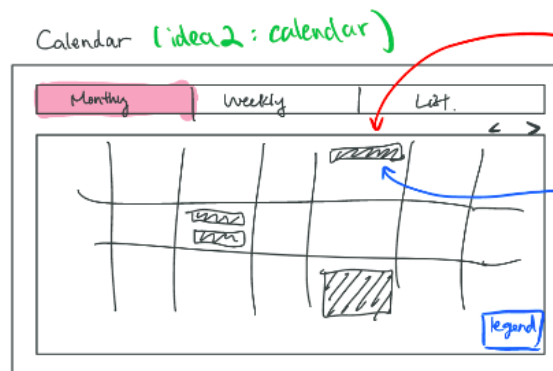


Idea: on the home page, what is the most important thing that people want to see.

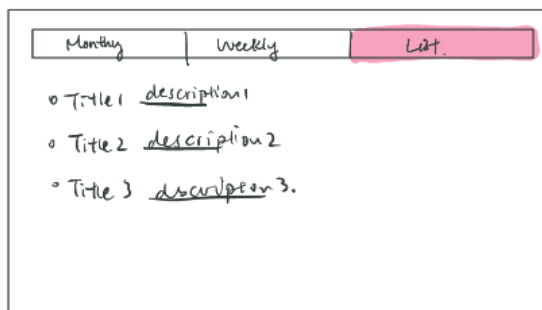
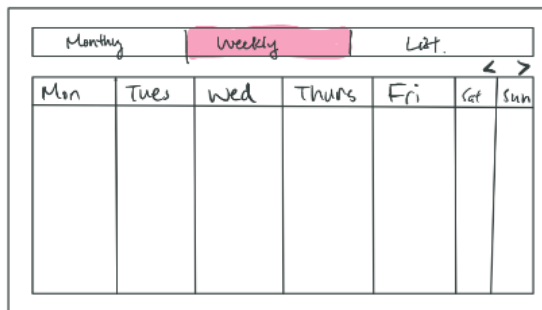
If you want to do something, just pull out your phone and jot down something.

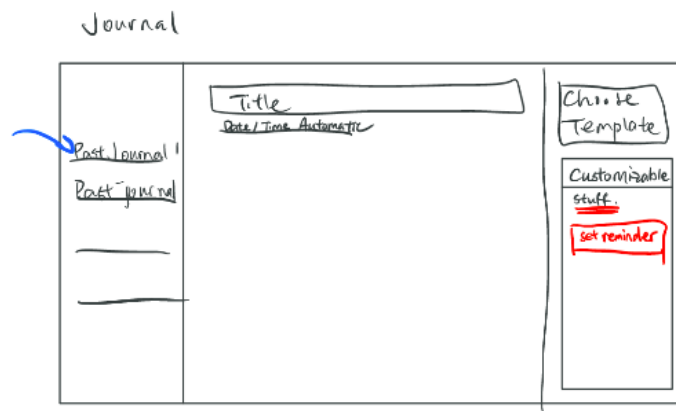
Feature Idea → search bar
→ keyboard shortcuts.

Default Home Page?

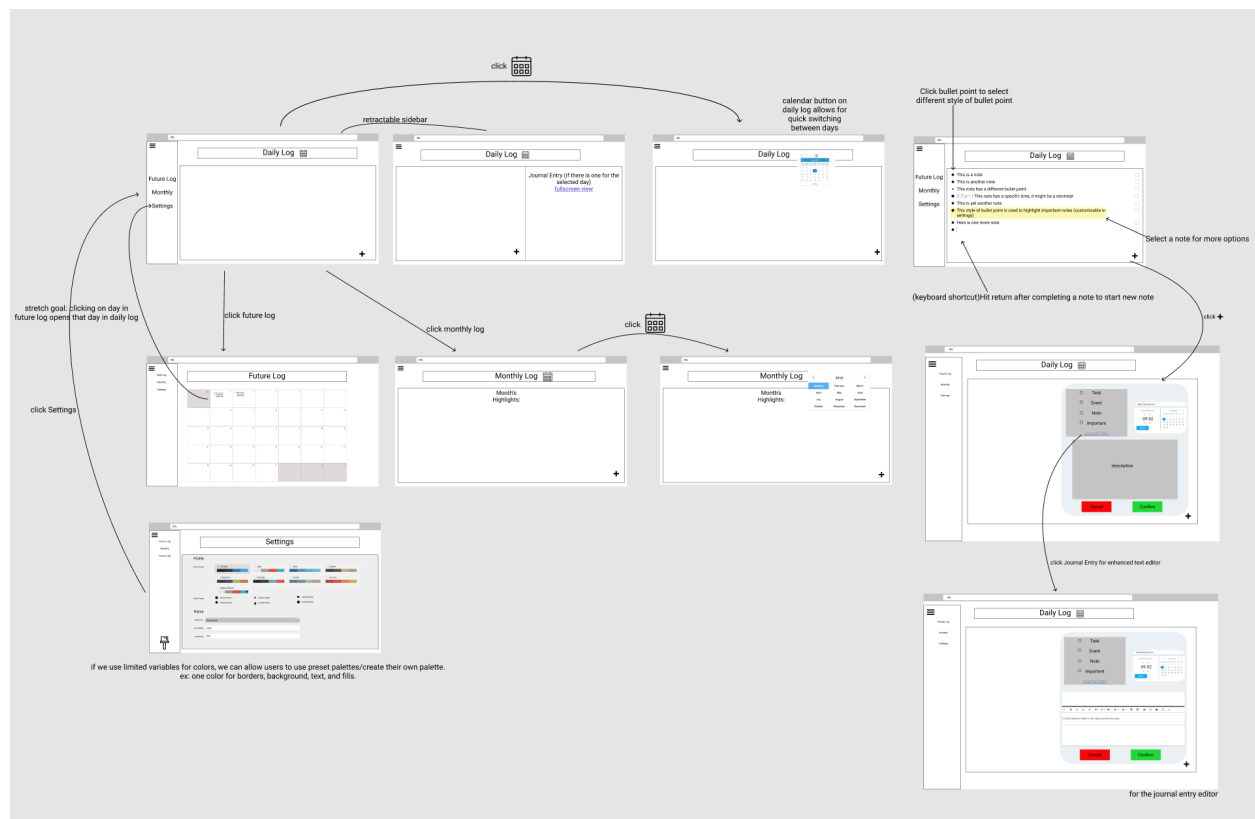


customizable things.





Wireframe



link to figma:

<https://www.figma.com/file/ozPYo9xDLUzF46TTTyFECs/NinePlusTen?node-id=29%3A0>

Rabbit holes

This section contains features that we would like to implement in our bullet journal, however we understand that it may not be feasible to do so given our five week time constraint. These features are not absolutely necessary in the final product, so if they cannot be achieved they will be scrapped.

1. Future Log linking to Daily Log
 - a. Ideally, each day within the calendar of the future log will link to that day's daily log when clicked in order to improve ease of usability however the dependencies between the daily log and future log pages might become overly complex
2. Too much customization (appealing to other [more creative] audiences)
 - a. Our current design allows for customization of color themes and different types of bullet points, and we would like to ideally give the user as much control over this as possible considering the creative nature of bullet journaling, however, given our time constraints it is more feasible to have limited options for color themes/bullets which will allow for a heavier focus on the task managing and organizing desires of our target audience (students)

The No-go's

While it is important to have different key features within the app, it is impossible to implement everything within the time constraints of the quarter. Thus, we need to mention what are our “no-go's”, or what we decided not to do for the user to reduce complexity and the overall organization of the page.

While it may be useful for users to have a drag-and-drop canvas, adding this feature along with many other features may overwhelm the user. When creating a bullet, we already include a drop-down menu, so if we were to also include a drag-and-drop feature, then it would clutter things up. Users may accidentally do the wrong thing, which would annoy people because they would find it very complicated to work with.

We also decided against including features on the calendar such as including a progress bar, custom symbols, keyboard shortcuts, or audio files. Including all these different functions may increase the overall noise of the app. Having too many things at once will complicate things as users will want to look for different features, but can't seem to find them through all the different features.

The main goal for the start of this project is to make sure that we achieve a fully functional bullet journal. We will not be using third party tools such as databases to ensure that we do not overwhelm ourselves with unfamiliar environments. Thus, we will only be using HTML, CSS, and Javascript for our web app.