STEGOSOURCE
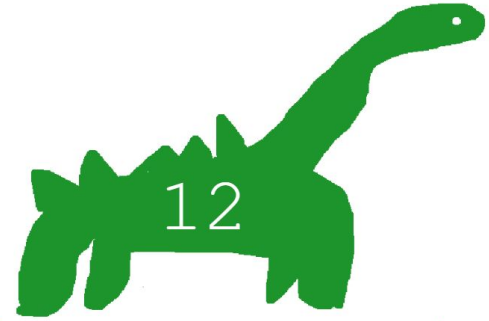
Team 12

Problem

It's no surprise that a majority of individuals need more organization in their lives. How can one become more organized when they don't even know where to start? What they need is a convenient tool to organize and remind them of their short and long term tasks.

Jennifer Smith

"As a housewife and pet owner, I need a bullet journal to both keep track of all the events I have to do in a school day, and also write down memorable moments I had with my kids/pets so that I can make sure I don't forget all the daily nuances of children's schedules and reflect back on busy times."

Jennifer Smith

32 Years Old
- On leave from work as a banker to raise kids
- Married with kids (one newborn, one in 3rd grade)
- Has a dog named Lucky
- Lives in a two story house near kids' school
- Active in PTA

Concerns
- Doesn't want just a boring list of events: wants to remember all the specific feelings
- Can't focus only on kids' needs (doesn't want to forget about Lucky)
- Needs to be responsible for own success + success of kids

Goals
- Wants to enjoy the time she has with her kids as they grow up
- Wants something to break up monotonous day-to-day
- Wants to include pictures/videos of her dog/children to look at later

Claudia Edwards

"As a smoker, I need a bullet journal to see my progress to my long-term goal of quitting smoking."

Claudia Edwards

24 Years Old
- Working full time as an accountant
- Single
- Doesn't have supportive family members
- Lives in urban Los Angeles Apartment
- Few friends and Succulents as pets

Concerns
- Feels daunted by the long term commitment
- Fears that in a "bad day" she could relapse
- Concerned about online privacy
- Wants to look back at moments/long term progress

Goals
- Wants to quit smoking
- Looking for a support group of other quitters
- Wants some privacy (don't want random people look at her pages)
- Looking for a way to record her mood/personality in each entry

Stewart Dent

"As a student, I need a bullet journal to organize my to-do tasks by class."

Stewart Dent

17 Years Old
- Junior in high school
- Single
- Lives with his parents
- Has a part-time job in McDonalds
- Hangs out with friends after school

Concerns
- Feels overwhelmed by all his deadlines
- Classes go by too fast and always feels behind on homework
- Needs to separate short-term homework with long-term college apps goals

Goals
- Wants to get into med school
- Has to finish college apps
- Needs to pass all his classes and still have time to hang out with his friends
- Categorize particular posts by course

Summary of users:

General information:
- The users want an organized experience.
- The users are varying in age, socioeconomic status, and occupation.
- The user has various goals in mind that require an organization tool in order to successfully accomplish them.

Characteristics:
- Socially involved
- Anxious
- Goal oriented
- Overwhelmed
- Unorganized

Hobbies:
- School work
- Attending PTA meetings
- Exercising
- Gardening

Appetite

We want to do it all… but we probably cannot.

Limitations

- We only have 4-5 weeks to complete this project before the end of the quarter. This will most likely boil down to a couple weeks of productivity
- Our members are also limited by other commitments such as other classes, jobs, and work/life balance
- It will take time for the team to adapt to all the different methods/practices we wish to incorporate.
- Learning any language/tech that is deemed essential will take time
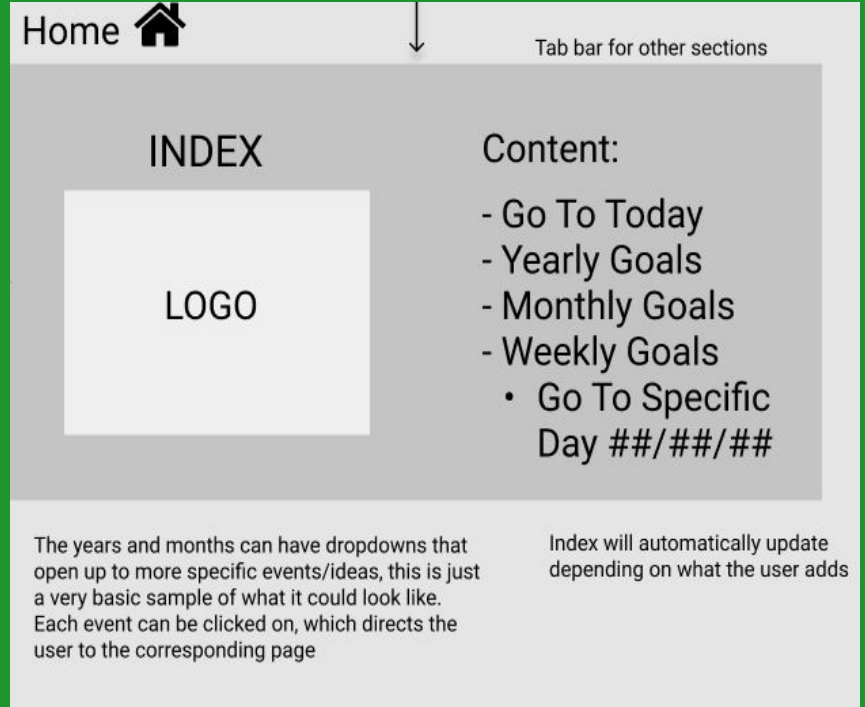
Priorities

- We must prioritize some tasks over others
  - Classify some tasks as critical
  - Make other tasks optional
- We should aim to finish a minimum viable product (MVP) in 2 weeks
  - An app with basic functionalities that works
- We can spend the rest of the time polishing, adding features, and testing
  - We can add the optional features as time allows

Solution

We will create a Bullet Journal app to help our users. We will include the following critical features...

Index Page

- **Page which references and links users to other parts of the bullet journal**
- **Allows for easier searching and referencing of things**
- **A sort of "home screen" for the app (though not the actual first page the user sees)**

Home 🏠   ↓   Tab bar for other sections

INDEX

LOGO

Content:

- Go To Today
- Yearly Goals
- Monthly Goals
- Weekly Goals
  • Go To Specific Day ##/##/##

The years and months can have dropdowns that open up to more specific events/ideas, this is just a very basic sample of what it could look like. Each event can be clicked on, which directs the user to the corresponding page

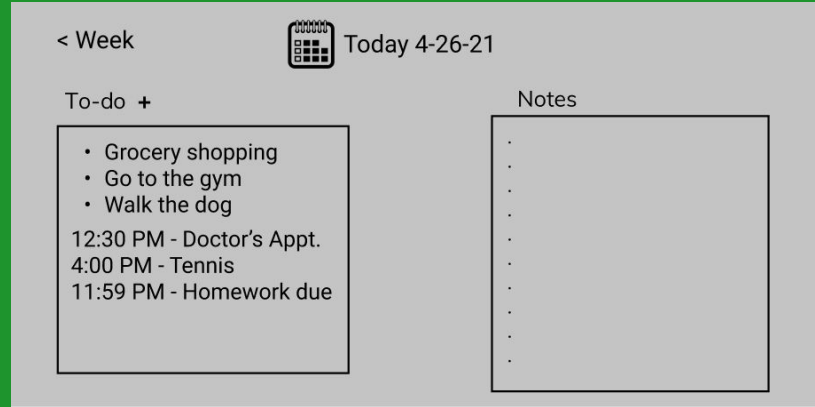Index will automatically update depending on what the user adds

To-Dos: Notes

Different types of To-Dos

- "To-Dos" with no time related to them (eg: go to the gym)

- "To-Dos" with a time related (eg: doctor's appt @ 12:30pm)

Notes

A place to include information (text or pictures) that aren't related to tasks that have to be done (eg: dog pic or what you ate for lunch)

Daily Overview

< Week   📅 Today 4-26-21

To-do **+**   Notes

• Grocery shopping
• Go to the gym
• Walk the dog

12:30 PM - Doctor's Appt.
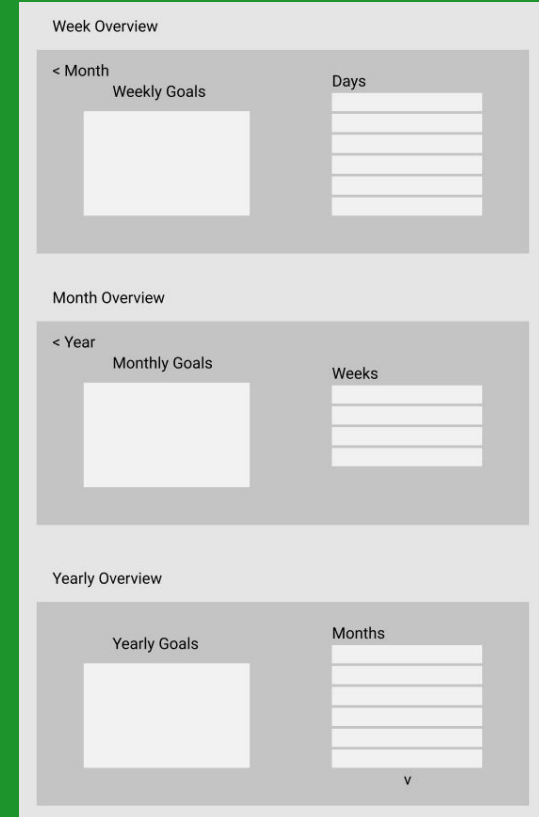4:00 PM - Tennis
11:59 PM - Homework due

Goals & Overviews

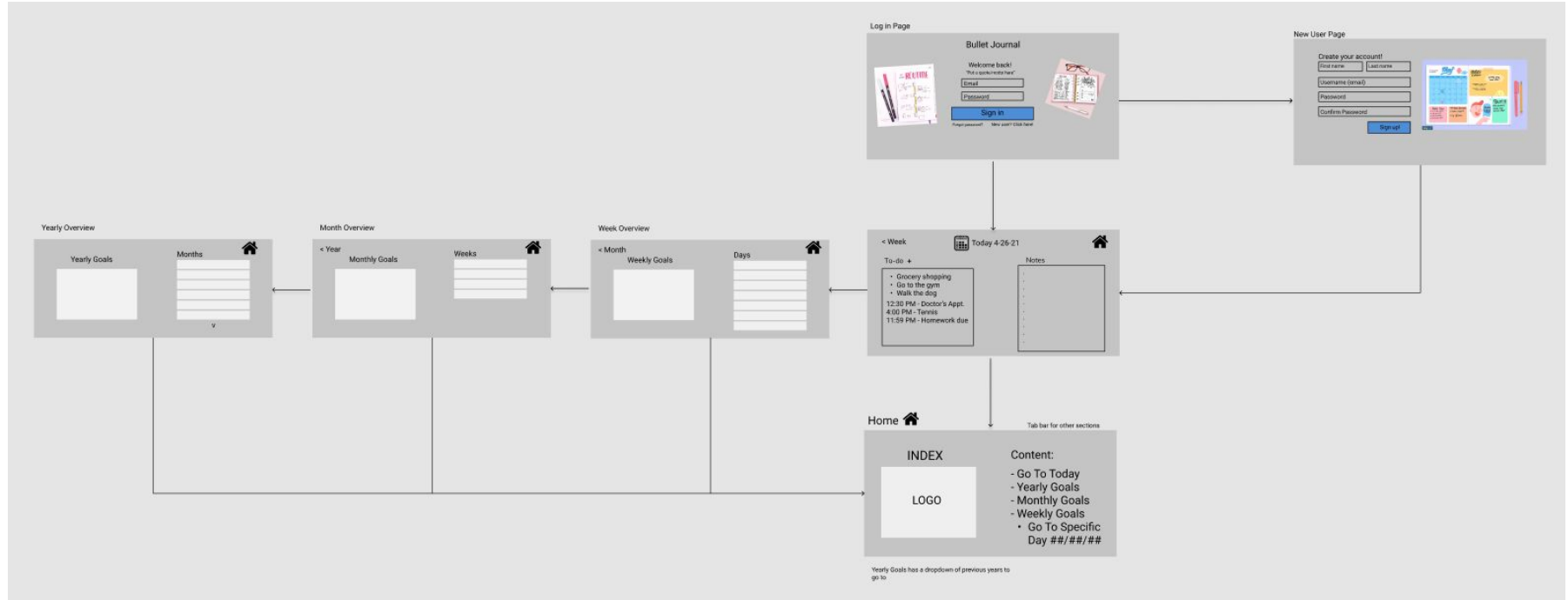**Want a reminder of long term commitments that the user has made**

The week, month, and year overviews will each have a list of goals for that time period.

Provide links to the constituent time segments Year->Months->Weeks->Days

Be able to look at previous year/month/week goals

System Diagrams

Additional/Optional Features

If we have the time, we want to add:

- Several options for the daily layout — let the user select the one they like best
- A global Goal Tracker page that collects and organizes all the "Goal" bullets from the entire journal
- A search bar on the index screen, to allow a user to quickly jump to mentions of a particular phrase or word.
- Automatic season-based background
- On the index, add a "go to" feature to look up a specific date

But the core features have priority over these!

Rabbit Holes:

~Avoid these problems by calling them out early~

- Having too many layouts that the user can choose from
- Redundancy in several screens potentially showing the same information
- Checking for different forms of user input (ie: no repeating events names)
- Too many niche features on the bullets (confusing tags, weird sideways checkmarks, recurrence, "carry over")
- A backend that is too complex for the tasks that we want it to do.
- Adding UI support for too many devices (ie: nokia phones)
  - Phones in general — isn't this a desktop app?

No-Gos:

~What we are NOT going to do~

- Having the user manually edit the layout of pages
  - "Drag and drop" elements and boxes
- Nesting/child bullet points
- Recurring events
- To-do items that "carry over" days when not completed
- Recipes, Budget, Weight tracker pages