Group 19: iNeedA
 Project Pitch

The Problem

Users are looking for a way to help them organize and increase their productivity. A Bullet Journal is a very useful aid for this but often requires high maintenance to really be beneficial.

Our Bullet Journal aims to promote speed and ease of access in order to help users organize and increase their productivity without the hassle of the upkeep of a bullet journal.
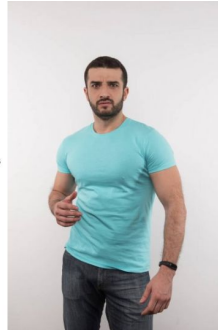
Our Users

Thomas Allen

- 2nd Year Philosophy and Writing Double Major
- Not focused in class, likes to browse his phone during lecture

- Recently rejected by his crush, not doing too well
- Works part-time as a server at a local restaurant. He gets compliments from the regulars, but he doesn't take them to heart.
- Loves playing Apex Legends and constantly follows streamers
- Often stays up late playing games with his friends and misses his first class

- Not sure what he wants to become, but knows he needs to get a college degree for the future

Camille Dunnit

- Camille is a 2nd year Grad Student working as a TA for the English department with a degree in Latin American Studies and Linguistics. She's writing her own set of books on the side and is scouting out different publishers

Zackary Williams

- Recently celebrated 71st Birthday with his daughter and 3 grandchildren
- Retired Physics Professor from UCSD
- Tries to keep in touch with his colleagues, but always has to look up their phone numbers

- Not very good with technology, often needs help to search terms up on the internet. Calls his grandchildren to help him out
- Early stages of Alzheimer's

- He likes reading the newspaper in the morning and sitting in the backyard. He thinks the sun shining on him feels good
- Would like to go on more walks around the neighborhood, but always needs someone to accompany him

Benjamin "Ben" Kipper

- US Veteran, stationed at Base, Communications officer
- 1st Year Transfer at UCSD, Communications Major
- Tuition is paid by the government

- Lives in a 1 bedroom apartment with his wife.
- Married for 6 months, hoping for a pregnancy soon
- Works part-time as a cashier at the UCSD Bookstore

- Enjoys fitness and plays tennis recreationally.
- On the UCSD Swim Team and he's well liked by the Team

- Super Studious, but a little disorganized. Spends a lot of time on HW (16 units this quarter)
- Hoping to save up enough to buy a second car

User Stories

As Thomas, I want to keep track of my daily endeavors, so I can get a better handle on my life and plan ahead.

As Camille, I want to keep track of my ideas and business contacts, so I can successfully write and publish my book.

As Zack, I want to keep in touch, so I can keep track of everything going on in my life and family.

As Ben, I want to be more productive, so I can better use my time on what I want.

Statement of Purpose

We aim to provide a simple, lightweight app that emphasizes quick, intuitive note taking and powerful organizational tools to make Bullet Journaling easier and accessible for everyone.

The Schedule

We intend for this project to be worked on over the course of 6 weeks with multiple 2 - week sprints.

We expect that completion of this project will take multiple weeks and each subsequent week will provide at least 1 new increment to our current work with either new functionality or a completed design layout.

Design

This is the general design of the **Daily Log** page which we anticipate the user to spend most of their time journaling.

collapsible menu

weekly overview showing important events/reminders

Daily Log

◁ Monday M/D ▷

Some sort of rapid logging here, maybe titled Tasks, To-do, reminders, schedule, etc.
- kdjflafladf
- kldjflad
    - kldjflakdl;falsd

-Ability to select a priority bullet that will show up in weekly overview, or maybe a default priority bullet for ease

toggle through different days

Weekly Overview

Sunday M/D	• important reminders • dhfksfa
Monday M/D	• important reminders • dhfksfa
Tuesday M/D	• important reminders • dhfksfa
Wednesday M/D	
Thursday M/D	
Friday M/D	
Saturday M/D	

Additional entry 1

Additional entry 2

..........more entries

area for rapid logging and bulleting

ability to create additional entries of different types (ex. image, blank note, list...)

+ **Additional Element/Entry** (upload type feature)

quick access to user settings

Design

Upon user login:

Tuesday Daily Log

Daily Log

◁ Monday M/D ▷

Weekly Overview

Some sort of rapid logging here, maybe titled Tasks, To-do, reminders, schedule, etc:
- kdjflafkadf
- kldjfkd
  - kldjfkakdlfaksd

-Ability to select a priority bullet that will show up in weekly overview, or maybe a default priority bullet for ease

Additional entry 1   Additional entry 2   ....more entries

Additional Element/Entry (optional input feature)

Sunday M/D — important reminders, chffxxfa
Monday M/D — important reminders, chffxxfa
Tuesday M/D — important reminders, chffxxfa
Wednesday M/D
Thursday M/D
Friday M/D
Saturday M/D

Overview
- Daily Log
- Monthly Log
- Future Log
- + Create New Custom Log

search

Daily Log

◁ Monday M/D ▷

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Additional entry 1   Additional entry 2   ....more entries

Additional Element/Entry (optional input feature)

Monthly Log

view: calendar

MAY 2021   TO-DO

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4 Cinco de Mayo	5	6	7	8
9 Mother's Day	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31 Memorial Day					

toggle

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Overview
- Daily Log
- Monthly Log
- Future Log
- + Create New Custom Log

search

Monthly Log

view: month

MAY 2021

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5 Cinco de Mayo	6	7	8
9 Mother's Day	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31 Memorial Day					

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Monthly Log

view: notes

◁ May 2021 ▷   TO-DO

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Additional entry 1   Additional entry 2   ....more entries

Additional Element/Entry (optional input feature)

Overview
- Daily Log
- Monthly Log
- Future Log
- + Create New Custom Log

search

Settings

Default home screen: Daily Log ▾

Etc.

Future Log

◁ 2021 ▷

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Additional entry 1   Additional entry 2   Additional entry 3   ....more entries

Additional Element/Entry

Custom Log 1 ✎

Title ✎

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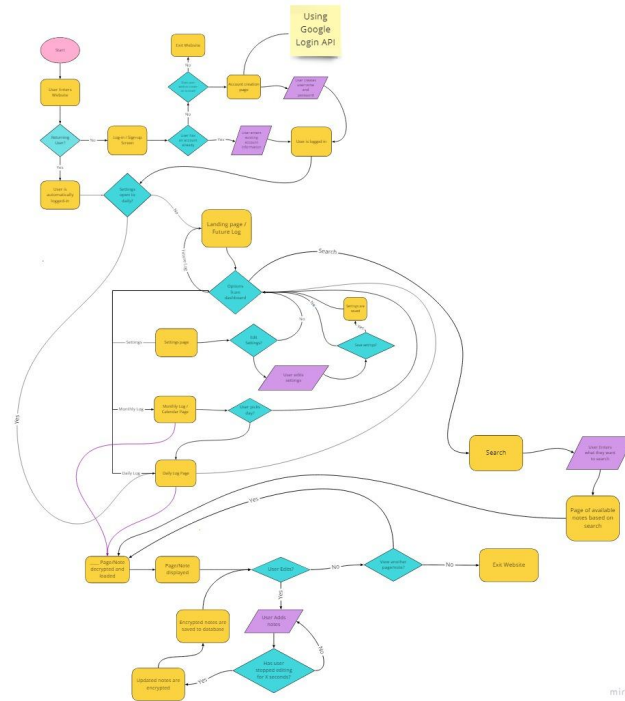
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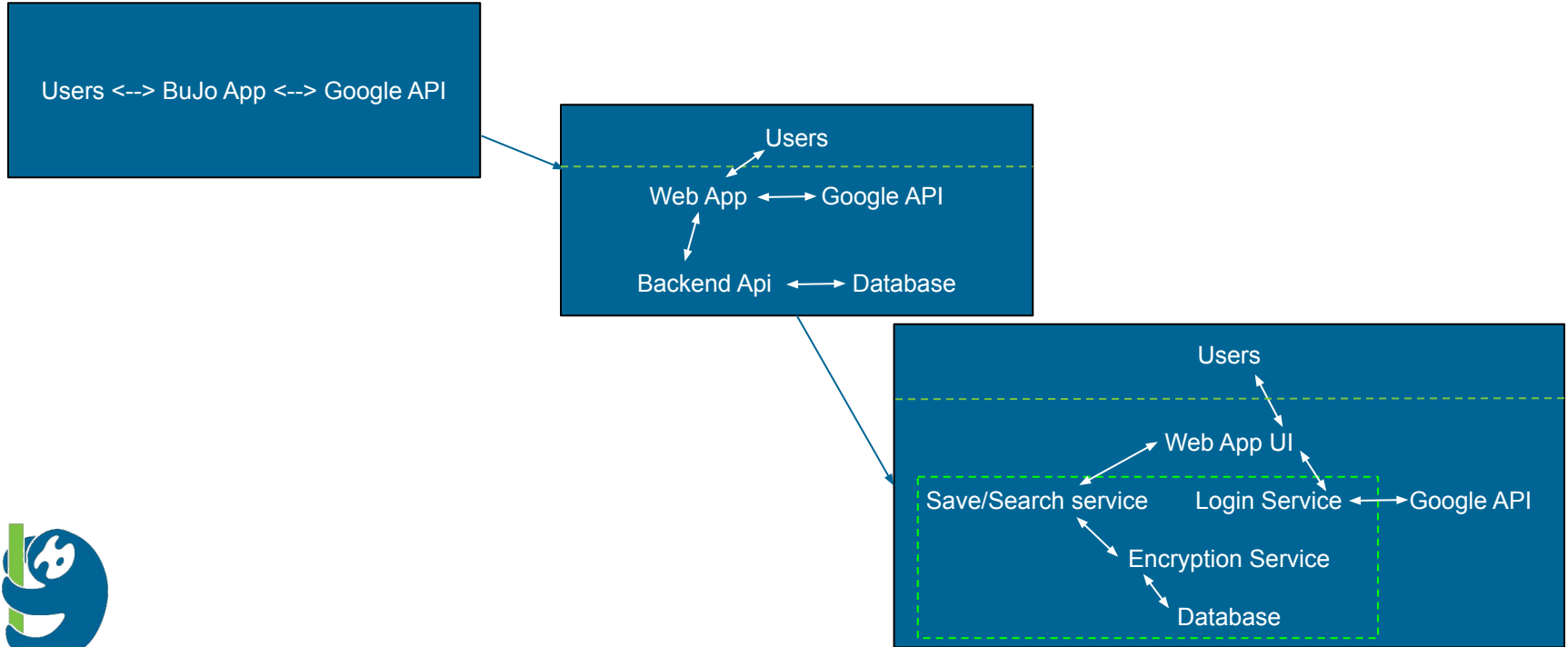
Additional Element/Entry

User Experience

Systems

Users <--> BuJo App <--> Google API

Users

Web App ←→ Google API

Backend Api ←→ Database

Users

Web App UI

Save/Search service   Login Service ←→ Google API

Encryption Service

Database

Risks and Rabbit Holes

Risks and Rabbit Holes
- Scalability
    - Expansion of the journal - Adding many entries
- Entry displays over multiple web page views
- User Login
    - Google Account API
- Database Storage of the journal
    - MongoDB vs Firebase vs Local Storage
- Over customization (colors, themes)

We understand that delving too deep into these issues would delay deployment and incur significant risk to the project

Not Implementing

We have identified the following No Gos
- Support for large numbers of users
- Editing the default layout

Due to the scope and the time frame for this project, we understand that these aspects of the project will not be worked on.
- We also will be using bi-weekly check-ins to keep momentum so if a certain design aspect falls behind we can reevaluate and adapt immediately