Starting Pitch Document

Team 14:
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User stories & Personas

4th grader, Jonathan Miller

About:

This student is a 4th grader at their elementary school. They want something to help keep track of their daily notes and tasks in a scheduled format among their days.

This student does well in their classes, but they have a lot of extra activities for their passions. This student really enjoys soccer, playing cello, and liked chess. However, this student struggles with keeping everything in order, as there are so many things in their days such as school, and the various other activities they have in their days. This student wants to make sure that they have enough time for extra things, like play time, without forgetting their important tasks.

This student likes to use extra apps like google calendar, but google calendar doesn't allow for extra notes, and so this student had to use another notebook. However, this student gets very distracted when sitting down on one task, and ends up not recording everything.

Because of these reasons, not all of their goals were met, and ended up ditching the calendar approach because it wasn't comprehensive enough for their needs.

Frustrations

- Too many things in the day to keep track of

- Wants to have time for extra activities in their days

- Hard to pay attention to remember to log everything they have

Goals/Features	
Easy to Use	Streamlined and Not Distracting
Interesting enough to keep focus on it	Allow for on the fly additions
Linkage between child/parent accounts	

Younger Children

As a distracted fourth grader with tons of extra fun activities, I want to keep track of all my activities (like piano lessons, soccer practice) to make sure I don't miss a single thing in my fun days.

Given that I have a ton of activities each day
when I open the bullet journal
it will show me what I still have for the day and when they are, and whether I have time for anything extra (like playtime with friends)!

As a developing middle school student with increasing schoolwork, I want to make sure that my notes are all in one place so that I can be better organized and remember how to do certain problems or remember why things happen in my homework.

Given that I am forgetful and school is starting to get harder and harder
when I use my bullet journal
Then it will show me what kind of notes I have taken throughout the days to remind me how to do some homework problem.

About:

Student is a sophomore athlete attending Diamond Bar High school and needs something to keep track of his classes and schedule out his practice sessions and afterschool activities.

He has tried dealing with these issues by using a few common tools: Google Docs, Google Calendar, and a physical agenda. Google Docs was good for taking and organizing notes, but didn't have any simple tools for planning events on a calendar for organizing his schedule. Google Calendar was good for planning events and organizing his schedule at a glance, but it was a bad place for taking notes. A physical agenda was okay for taking notes (not enough space), and okay for planning events (hard to visually organize things more detailed than what day they were on). Using all of these tools just made it too complicated to keep track of what goes where.

Too much focus on organizing and taking notes caused Student to miss out on tools that could help him plan and review his day more efficiently, causing him to forget about events and ending up with a lot of dead time. Too much focus on scheduling caused him to find trouble organizing and taking notes, causing him to miss out on getting down and accessing important information.

Frustrations

- Wants to manage classes and extracurriculars, but hard to find a tool that balances both organizing important material like notes and deadline and scheduling events

- Difficulty connecting information to deadlines/events

- Hard to figure/move over deadlines when things change

- Gives into procrastination easily when things are not urgent/clear enough

Goals/Features	
Simple reorganization	Clean UI
Priority items	Dark Mode
Easy flow from notes to schedule	

Statistics

Name: X Æ A-Xii
Age: 16
Occupation: Student (Sophomore)
Location: Diamond Bar, CA

High School Student

As an academically-focused high school student, I want to keep track of homework and exams so that I can get good grades.

Given I have a very set schedule with daily homework and scheduled tests,
When I open the bullet journal,
it will show me the homework I have left to finish and exams that are coming up so I can study them.

As a high school athlete, I want to make sure I have enough time to get in my hours of practice, hang out with my friends, and pass my classes.

Given that I have daily practices, hang out with my friends sporadically, and have scheduled homework.
When I open the bullet journal,
it will show me when I have to go to practice, when I have free time to hang out, and urgent homework assignments I need to finish.

Adam Harris

About:

Student is a 2nd year transfer to UCSD, and needs something to track the quickness of a quarter system.

Upon entering UCSD, the student struggled to adapt to the quickness of the quarter system and couldn't stay on top of things. Student also suffered a car accident during his 2nd quarter, which caused him to further lose track of things he needed to get done.

The student attempted to bullet journal but failed to plan ahead. For example, the student would take a break after a midterm, but did not realize that he had other work for different classes.

He also faced burnout from taking too many classes and could not plan a appropriate break. The student mentioned that it would really nice to look at other people's schedules, and see how other students manage their time at UCSD. This is a important feature for him because he would like to see how other people manage their time while still being productive.

Frustrations

- Has a hard time prioritizing different classes

- Wants to see how other people manage their classes.

- Wants to do other things outside of school while maintaining his GPA.

- Has a hard time keeping up with quarter system and different tasks

- Wants to get in the habit of doing this and not forgetting about them.

Goals/Features	
Notifications	Habit Tracking
Dark Mode	Clean UI
Keep track of previous entries/ wipe feature	

Office Worker, Julie Gulati

About:

This person is an office worker, who has many responsibilities in their workplace and to take care of their home.

This person lives alone with their dog in a studio apartment. Because of this, they have to make sure to take care of their dog, and take care of themselves by ensuring they keep track of their time and remembering to go out and do their home tasks before they don't have time later due to their work. Even though they live alone, their responsibilities are still present.

Their work is also very difficult, with them usually working 9-5 with extra overtime when work gets difficult. From this, they end up forgetting some of the tasks that they have to do later from fatigue.

They've used a calendar app before, but wanted to also add extra notes for things that sprung up during the day. For the difficulties mentioned, they want to keep unrelated pages separate but still organized on one platform.

Frustrations

- Too many things in the day to keep track of

- Trouble remembering the essential tasks to take care of when busy with work

- Can't really figure out optimal times to go out for grocery shopping, etc

Goals/Features	
Easy to Use	Alarms
Dark Mode for Late night work	Access from work and at home
Have multiple pages organized for tasks	

Office Worker

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Problem & Purpose

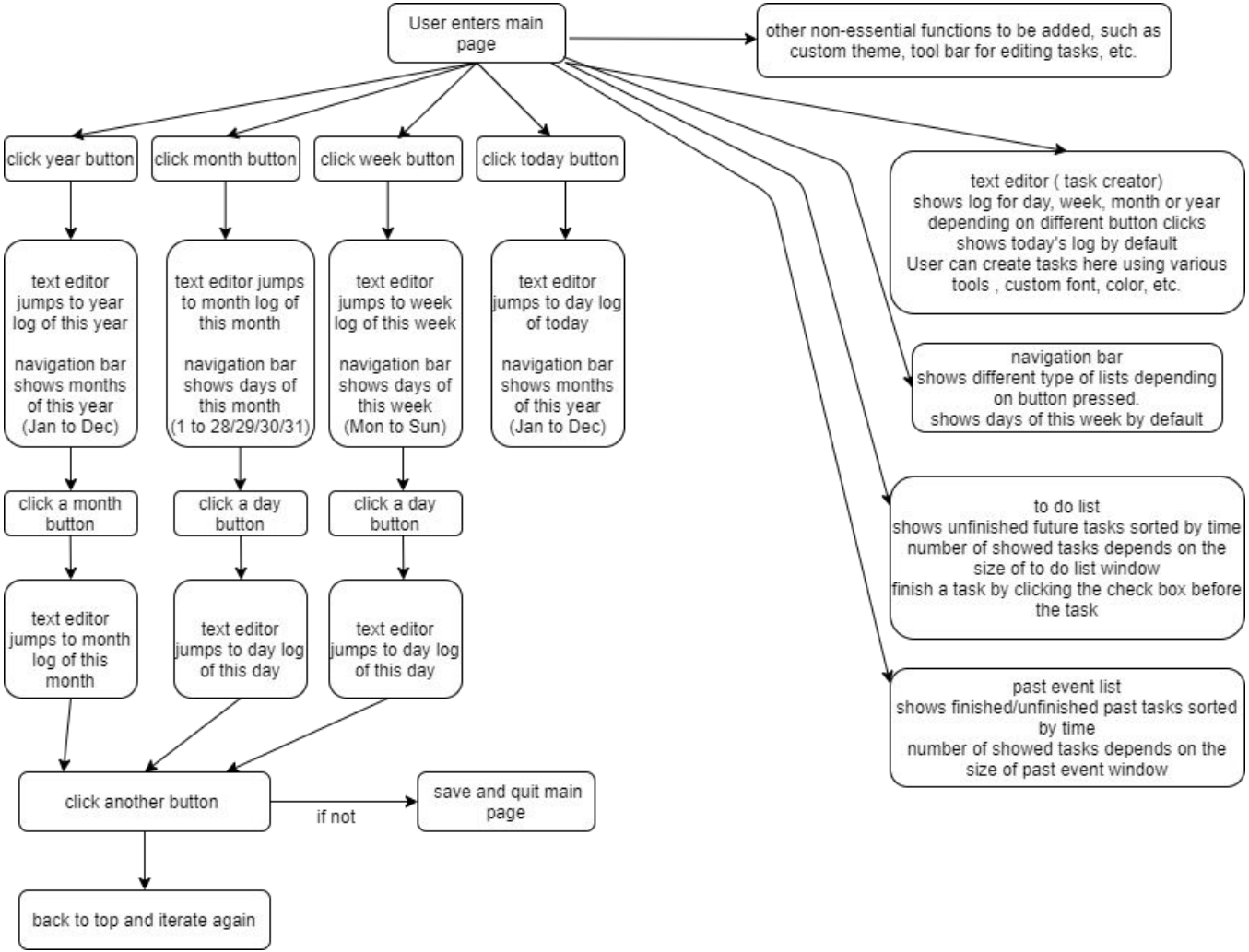
Problem

1. Hard time **keeping track** of activities/assignments and open time slots
2. Need something to help jot down quick notes that are easily **accessible**
3. Want to be able to **remember** what to prioritize and see what is done or not
4. Getting swamped by a fast paced system and overloading on work/struggling to keep up

Statement of Purpose

1. Microscopically and macroscopically help people to stick with their schedule.
2. Integrate the functionalities of Bullet Journal and the calendar into one platform.
3. Help people to approximately know the future schedule by having a glance at the calendar.
4. Help people to easily go into the details of a specific day's schedule by checking the Bullet Journal.
5. Allow people to sort their task lists based upon the time/importance/any personal preference.
6. Enable users to see the task progress.

System Diagram


User enters main page
other non-essential functions to be added, such as custom theme, tool bar for editing tasks, etc.
click year button
click month button
click week button
click today button
text editor (task creator)
shows log for day, week, month or year depending on different button clicks
shows today's log by default
User can create tasks here using various tools , custom font, color, etc.
text editor jumps to year log of this year
navigation bar shows months of this year (Jan to Dec)
text editor jumps to month log of this month
navigation bar shows days of this month (1 to 28/29/30/31)
text editor jumps to week log of this week
navigation bar shows days of this week (Mon to Sun)
text editor jumps to day log of today
navigation bar shows months of this year (Jan to Dec)
navigation bar
shows different type of lists depending on button pressed.
shows days of this week by default
click a month button
click a day button
click a day button
to do list
shows unfinished future tasks sorted by time
number of showed tasks depends on the size of to do list window
finish a task by clicking the check box before the task
text editor jumps to month log of this month
text editor jumps to day log of this day
text editor jumps to day log of this day
past event list
shows finished/unfinished past tasks sorted by time
number of showed tasks depends on the size of past event window
click another button
if not
save and quit main page
back to top and iterate again

APRIL 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 • Epic Prank • CSE 2 Quiz	2	3 • Movie Night, Avengers 8 • CSE 10 Team Meeting
4 • Easter • Dentist Appointment • CSE 10 Lab	5 • Math 20 Quiz	6	7	8	9 • CSE 10 Quiz	10 • Trip to LA
11 • Trip to LA	12	13 • Chem 4 Lab	14	15	16 • League of Legends 2 Comes Out	17
18 • CSE 10 Lab • Essay Due	19	20	21	22 • Math 20 Midterm	23	24 • Date Night
25	26 • CSE 2 Midterm	27 • Chem 4 Lab	28	29	30 • CSE 2 Project	

March 2021

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

May 2021

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Calendars by Vertex42.com

© 2018 Vertex42 LLC. Free to print.

Created using the Vertex42 Calendar Template for Excel

http://www.vertex42.com/calendars/printable-calendars.html

- Month view
- High level overview of the month
- Each date will only display a few important bullets
- Users can click into a date to view a specific day's log

System Diagram

April 1st, 2021

- CSE 2 Quiz
  - Last minute studying
  - Join zoom call
  - Finish CSE 2 Quiz
- Epic Prank
  - Order whipped cream & pie tins
  - Pick up items
  - Target will be at PC around 3pm
  - Prank the target

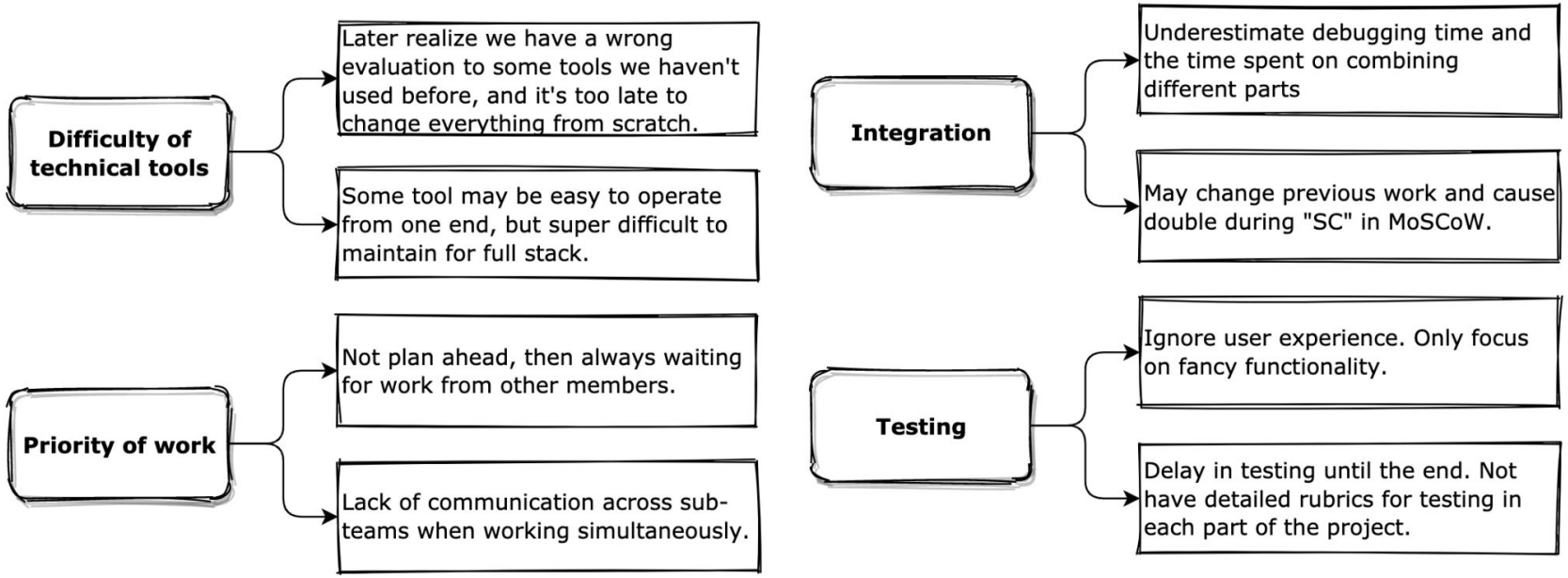
- Day view
- Detailed bullets for the day log
- User can edit the log, save the changes, and go back to the previous page

Risks & Rabbit Holes

Project Risks

1. Having a wide range of ideas for the project may lead to a difficult time implementing all features
2. A project that manages user data needs to be secure and not compromise the user's privacy
3. Remote collaboration may create new communication barriers between team members
4. It may be difficult to plan around midterms, homework, and other daily tasks
5. Team members may not be familiar with the necessary tech stack and frameworks

Reducing Risks

1. Use MSCW to determine which features are more important to focus on those first, and less important features can get added later
2. Encrypt user data, or use a secure third party storage (e.g. link to google drive) to keep data safe
3. Establish expectations for communication such as alerting others between commits, requiring all members to download the slack and keep up with all announcements
4. Practice code readability so that other members can pick up where you left off in the event that you are busy with work
5. Labs will help prepare members for working on the project, and expect members to reach out when they are stuck with unfamiliar technologies and frameworks

Rabbit Holes