



# Starting Pitch: Developer Journal

‘404’  
Team 20



# MAIN PURPOSE

**To provide developers, especially those with an interest in space and astronomy, a unique and engaging platform to track their coding projects, document learning processes, and manage development tasks.**





# OUR GOALS



Enhance productivity  
by offering  
organizational tools  
tailored specifically for  
coding projects

Encourage continuous  
learning and documation of  
new skills and challenges  
faced during development..

Inspire creativity and reduce  
stress by integrating a  
visually appealing  
space-themed interface

Acknowledge the progress  
and accomplishments that  
comes with a coding  
journey



# USER STORIES



As a developer, I  
would like to view  
my previous logged  
days.

As a developer,  
I want a web app  
that is minimalistic  
and intuitive.

As a developer  
I would like to add  
pictures and videos.

As a developer I  
would like to  
categorize my tasks.

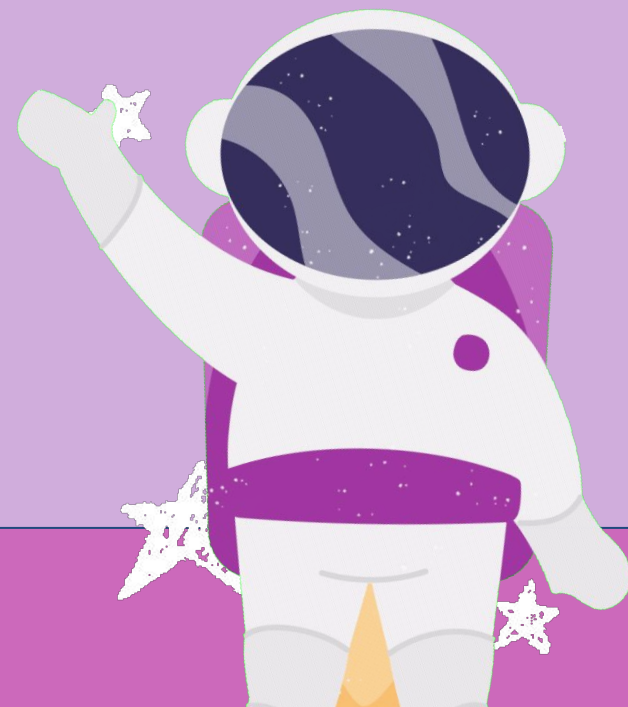
As a developer, I  
want a show/hide  
feature to hide  
unused features.

As a developer, I would like  
to have a button to  
remove my tasks.

As a developer I  
would like to have a  
section where I can  
type code snippets.

As a  
developer,  
I would like any  
information that I log  
to be private.

As a developer, I want to  
be able to set milestones  
for my projects.





The background is a dark blue space scene filled with numerous small, light-colored stars and dust specks. A large, vibrant purple planet with a soft, glowing aura dominates the center of the frame. The planet's surface has a subtle gradient, and its edges are slightly blurred, giving it a three-dimensional appearance. Scattered around the planet are several larger, five-pointed stars in a light blue or white color, some of which have a slight trail or glow behind them.

# DESIGN AND THEME

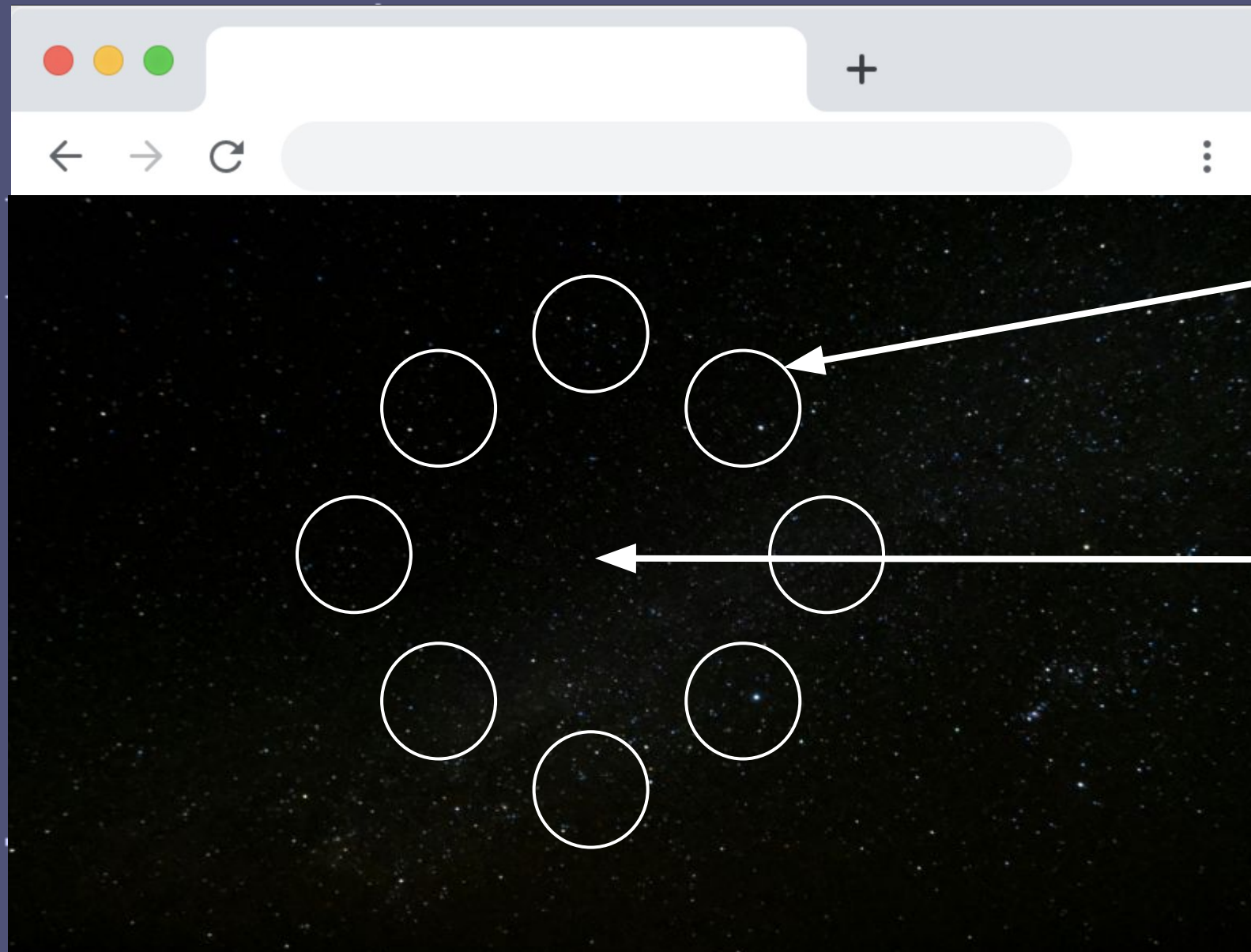
**With its sleek space-themed design and planetary pages,  
every entry becomes a cosmic voyage.**





# HOMEPAGE DESIGN

Every circle represents a planet in the solar system. We plan to have them rotate or shift in some form.



Every planet will direct the user to a different page that has a unique theme and feature.



The center of the page will feature our sentiment widget where users can choose an astronaut that best represents how they are feeling.



Daily To-Do List

Monthly Calendar

Project Tracker

Reflections

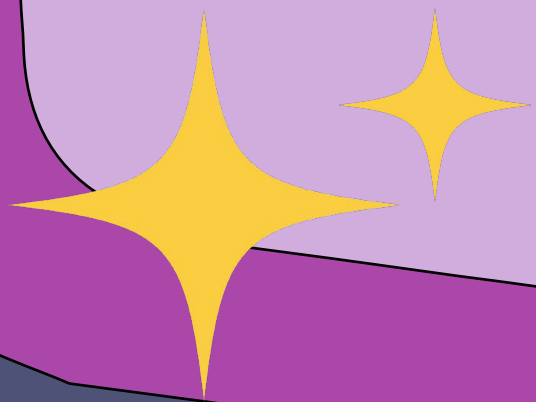
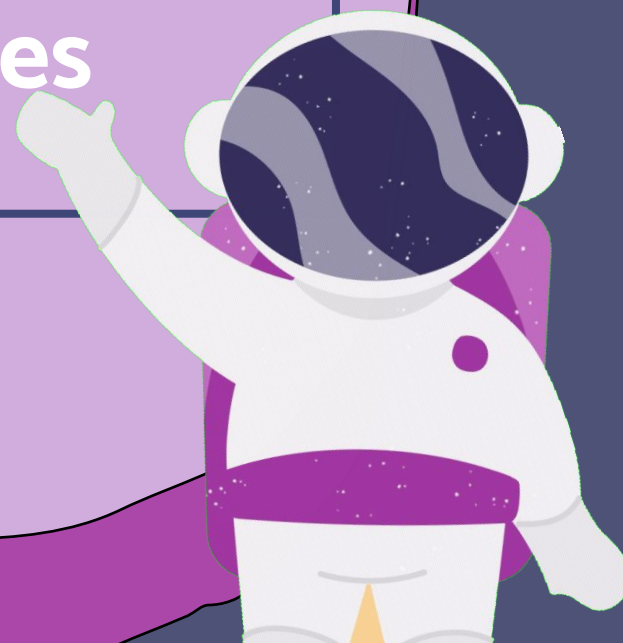
Code Snippets

Time Tracker

Ideas/Inspirations

Resources

# FEATURES





# Daily To-Do List

Where users will be able to quickly jot down daily activities and goals. A personal task list for the user to remind themselves. The user should be able to edit the tasks and drag their task to change the sequence

## Features:

- Add tasks
- Edit tasks
- Edit due date
- Mark as completed
- Remove tasks
- Add descriptive tags
- Choose tag color and name

Select Tag ▾

☐ Review Pull Requests

☒ Developer Journal Project

☐ Sentiment Widget Project

First Priority

Second Priority

Third Priority

To do list

Code

Notes :



# THE CALENDAR

## FEATURES

- Once you click on a day, a description of the task or event will show
- Able to edit and delete tasks/events
- Can add or change tags
- Tags will be customizable
- Urgency feature to add importance to task/event
- The calendar will show how much the user has completed.
- The more tasks in a day, the day slot will darken in color
- Drag and drop events between days

SEPTEMBER 2016						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5 working on scroll debug	6 debugged issue from user not being able to scroll on the webpage	7	8	9 finished public form for user's to provide feedback	10
11	12	13 polling from users	14	15 solidified base code for widget	16	17
18	19 (today)	20	21 WIDGET DEADLINE!	22	23	24
25	26	27	28	29	30	

MONTH: _____						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

MONTH _____ YEAR _____						
MONTHLY SCHEDULE						
MON	TUE	WED	THU	FRI	SAT	SUN
Log	Log	brainstorm	Log	Weekly standup		
				Frisbee		
		Meeting				



# Project Tracker

- We want the ability to create events tied to specific projects that the user is working on.
- We want to monitor ongoing projects with details on tasks.
- We intend to document insights, reminders, and task-specific information.
- We want to create a section of team member names and contact information for communication and collaborations.
- We want to implement an upcoming event sections to inform about meetings, deadlines, and deliverables for each projects.

Project tracker

This month

	Person	Date	Brainstorming	Execution	Launch
Finalize kickoff materials		Sep 17	Done	Done	Done
Refine objectives		Sep 20	Done	Working on it	
Identify key resources		Sep 22	Done	Stuck	

Last month

	Person	Date	Brainstorming	Execution	Launch
Update contractor agreement		Aug 17	Done	Done	Done
Conduct a risk assessment		Aug 28	Done	Done	Done
Monitor budget		Aug 30	Done	Done	Done

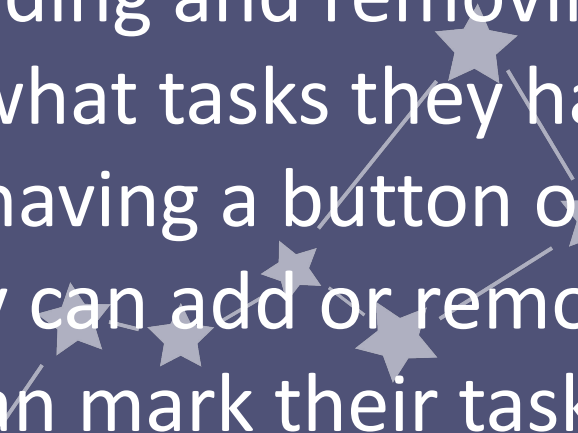








# Task Reflections Page

For our website we want to do the following for our website:


- We want to add features such as adding and removing tasks from the calendar so it is easy for the user to be able to see what tasks they have and what they need to add. We can accomplish this feature by having a button on the side of our calendar which takes the user to a page where they can add or remove tasks.
  - We also want feature where user can mark their task as complete. So instead of removing their tasks if they mark complete they will know that this task is complete and will automatically be removed from the calendar or be marked as done.
  - We would also like people to be able to attach comments on their tasks or use our sentiment widget in order to rate their experience with the task
- 
- 

# Ideas/Inspiration Page

We were mainly inspired by the ease of creating and moving around events using apple calendar. In addition to prioritizing local first development, we wanted to make a greater commitment to user privacy by allowing the user to PIN-protect their devlog. We also would love to incorporate our brand into the design of our dev log, and many of our designs in the brainstorm were created with our branding in mind.

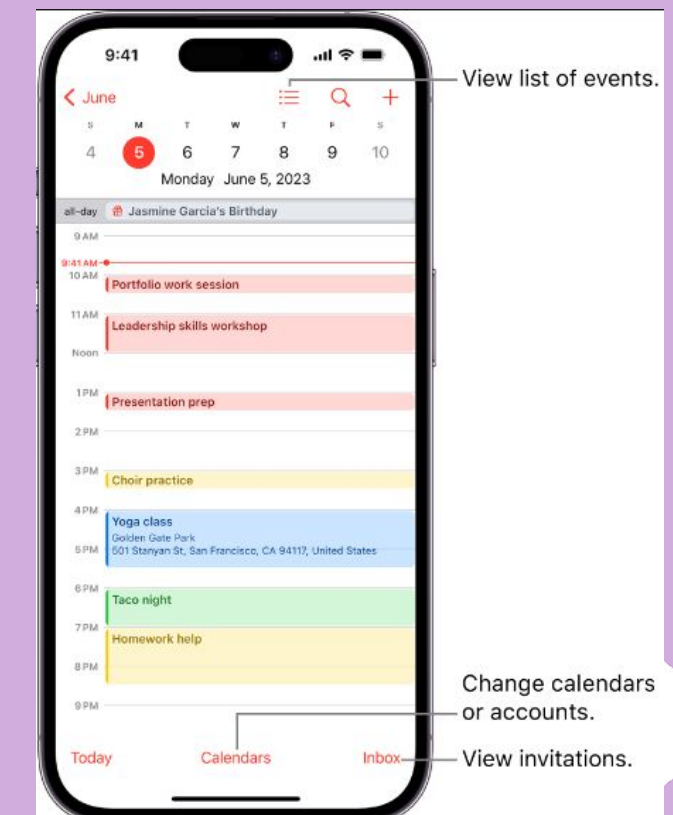
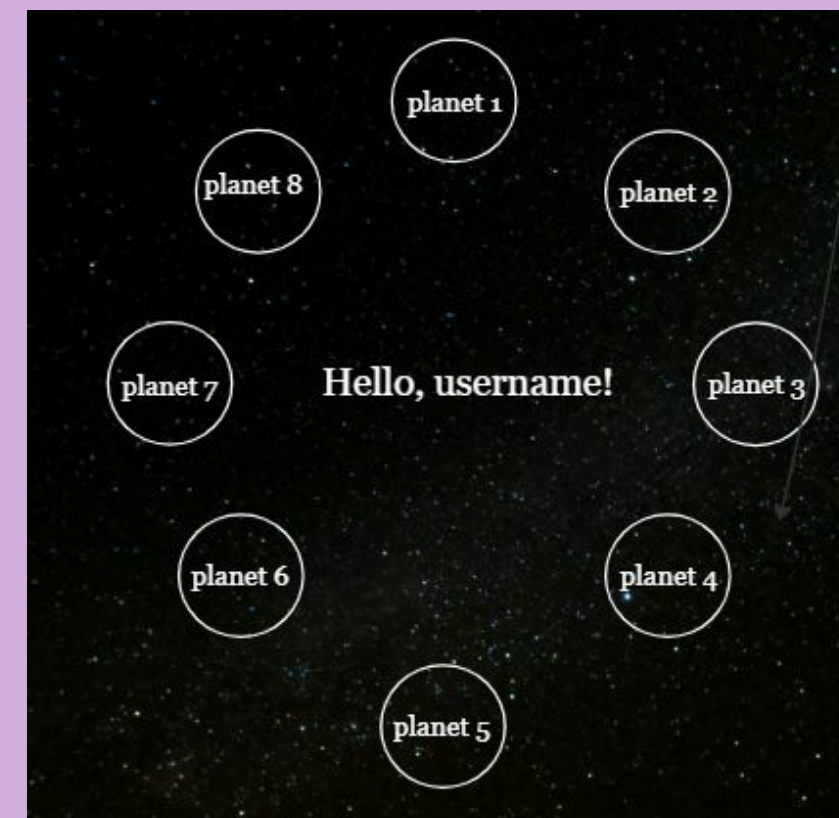


stackoverflow.co...



## Input field for PIN code

I want to create a form, where user can enter Email and 4 digit PIN. For PIN input I would like to use `<input type="number">` instead of regex, but I don't know how to hide entered digits.





# Code Snippets

We would like to be able to insert formatted code similar to how markdown's code blocks function. Store code snippets or algorithms. Can categorize by language or topic.

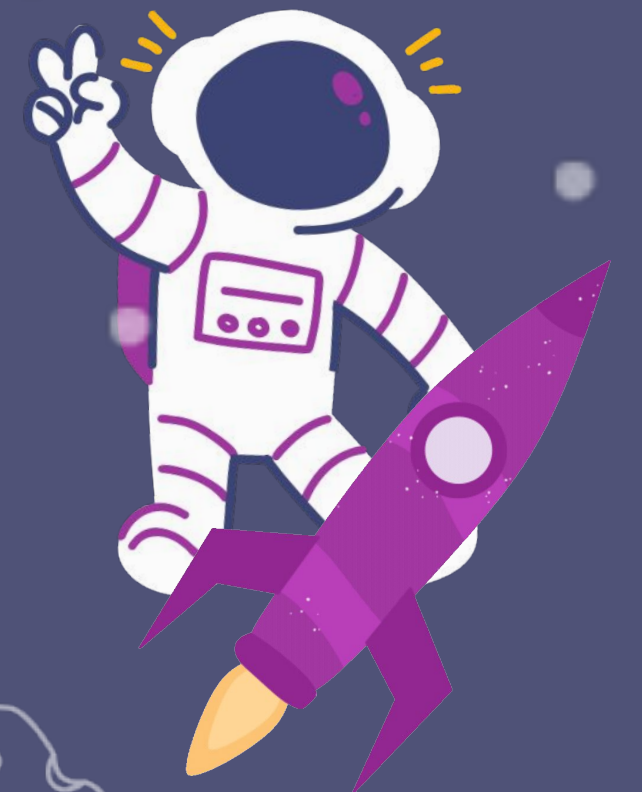
Below is a codeblock with javascript - with syntax highlighting

```
const myFunction = () => {  
  console.log("This is my function");  
}
```

# Time Tracker

**Tracking date and time is vital for some of the key features of our developer's journal, so choosing how we grab it is very important. We propose we grab the local client's date using javascript. Time is attached to notes the first time they are made and to each text entry. This is how we allow for activity colors by day.**

MONTH: _____						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY





# RABBIT HOLES

## **Categorizing Feature**

If the user have too many category the website might crash. So we should have limited number of category

## **Notification Function**

How to remind users on mobile phones or other devices using calendars on web pages.

## **Looks of Our App**

How to set up the looks of our app in different devices.

## **Shared Calendar**

Since this dev journal will be used in local, users may not be able to share their schedule with a teammate.





# NO-GOs



## **Avoid complications**

Accomplish every task as simply as is possible

## **No cloud or server integrations**

We want our developer journal to be entirely local

## **No text to speech**

Executing this task would distract from other more important features.

## **No drawing capabilities**

Final result would likely be unimpressive or irrelevant