# Git Push Master Ltd.

Help developers be consistent with plans and grow good habits

# User Personas

- Cody is an Undergraduate Computer Science student who is trying to balance school and practicing for coding interviews
- However he struggles to dedicate time consistently due to a lack of focus and other priorities.
- He doesn't have set times to do these things, and isn't good at gauging the time he should be spending on them
    - He'll try to practice for coding interviews, but spend 2 hours on a problem instead of 30 minutes and then moving on.
    - His lack of efficiency is costing him positions at potential jobs.

- Alex is a full time Software Engineer working hybrid at a big company
- When she works from home, she sometimes have trouble focusing on her tasks
- She has a hard time separating work time from personal time, and she finds that her work is often disrupted by chores
    - She wants to designate specific time slots to work on her chores so she could better focus on work

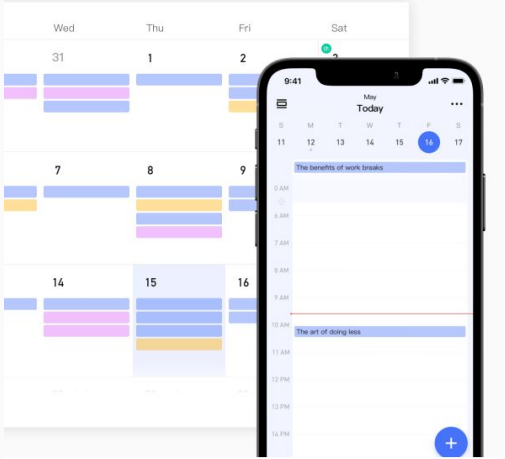
- Sarah is a full-time mom who has to take care of her children and also want to developing her own hobbies.
- But she has to take care of the children all the time, so she has little time to develop her interests.

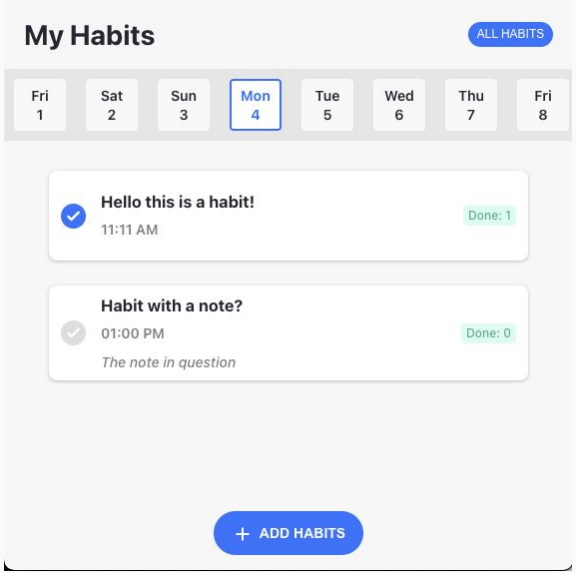
- Schedule fixed time for different hobbies (such as painting and baking) every day.

- Use timer to ensure that she focuses on her hobbies and can quantify her progress

# Similar Products

- TickTick:
  - https://ticktick.com/
- https://github.com/gokulkrishh/habits-tracker



# All Planned Features

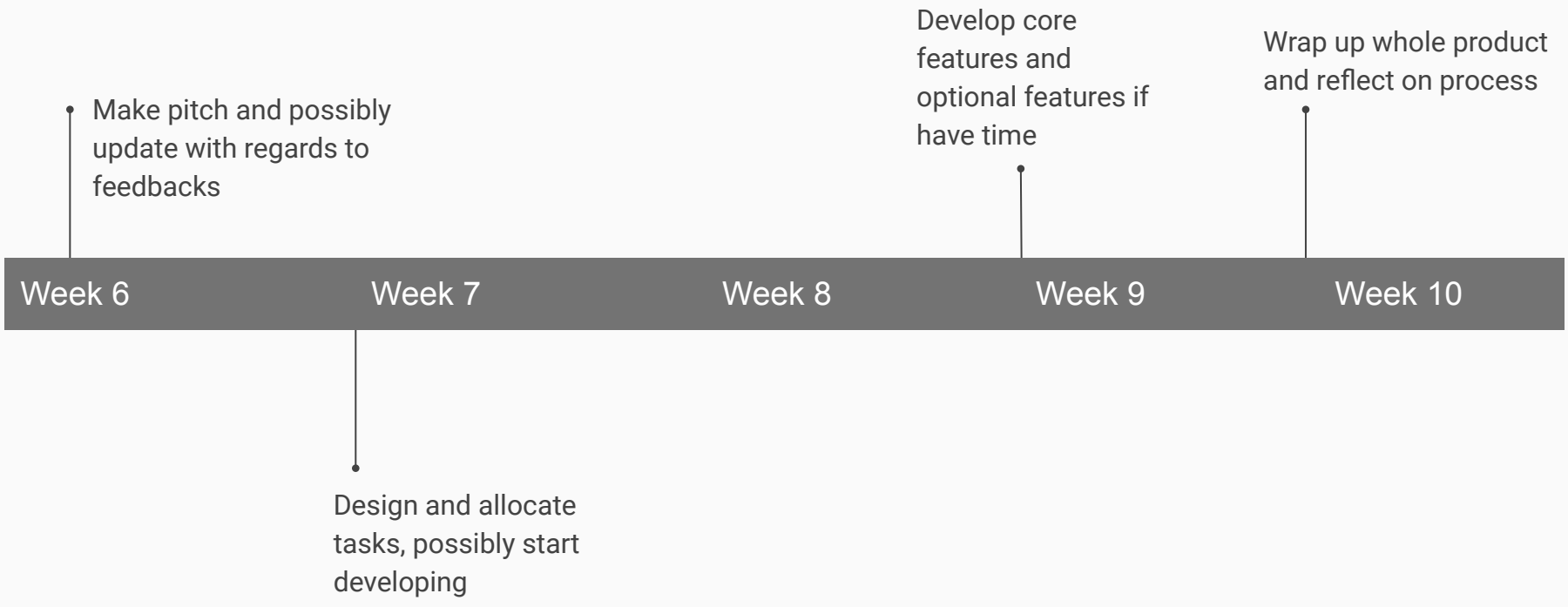
## Core functionality

- Historical task completion view
- Add tasks, edit tasks, set tasks as recurring for days of the week
  - Adjust amount of time required for tasks
  - Start task
- Github Issue Integration
- Developer related presets (Leetcode Study, PA, other types of HW, etc.)

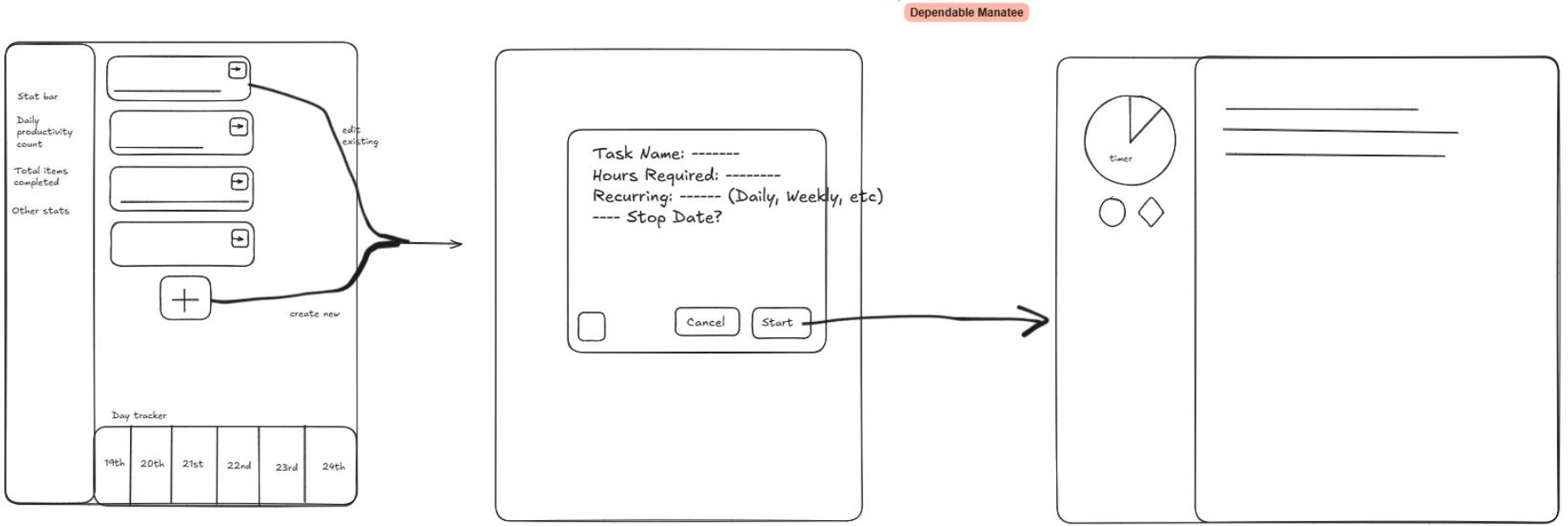
## Optional Functionality

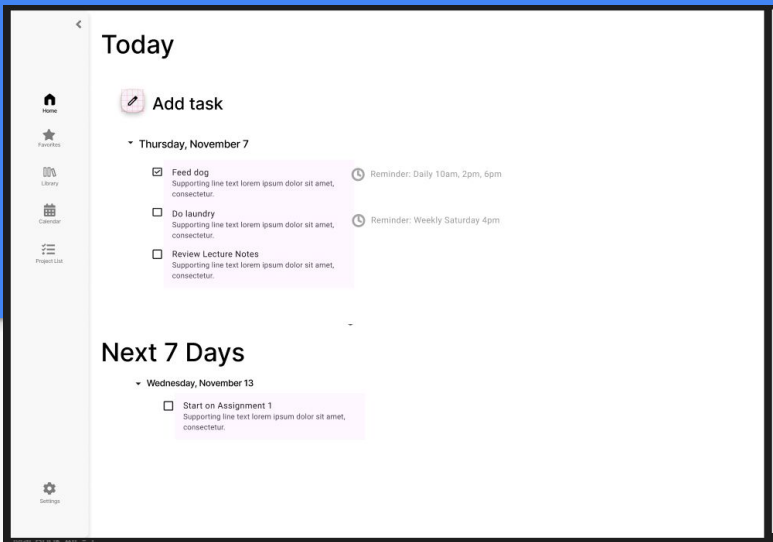
- Each session working on a task can have associated session notes
- Send reminders to log into the app based on user specification
- General analysis of broad and task specific statistics
- Queue up sets of tasks
- Custom Task Completion Requirements
- Custom start/end task data collection

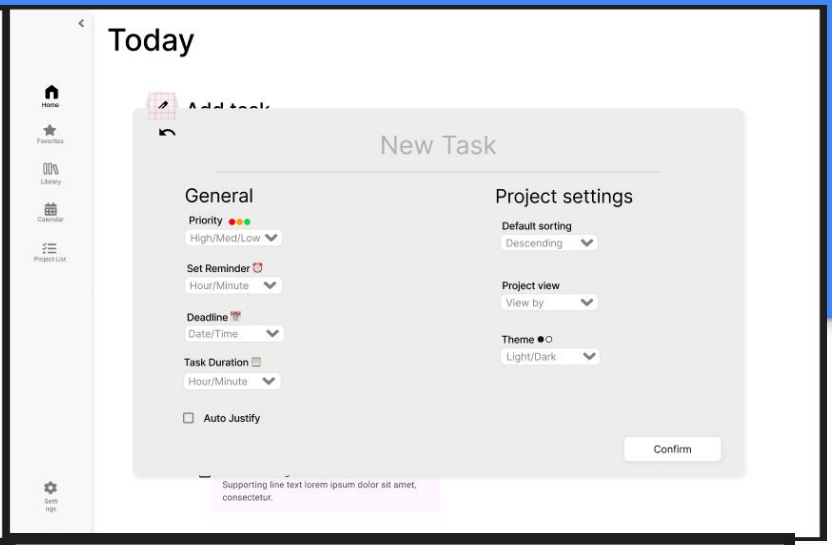
# Project timeline

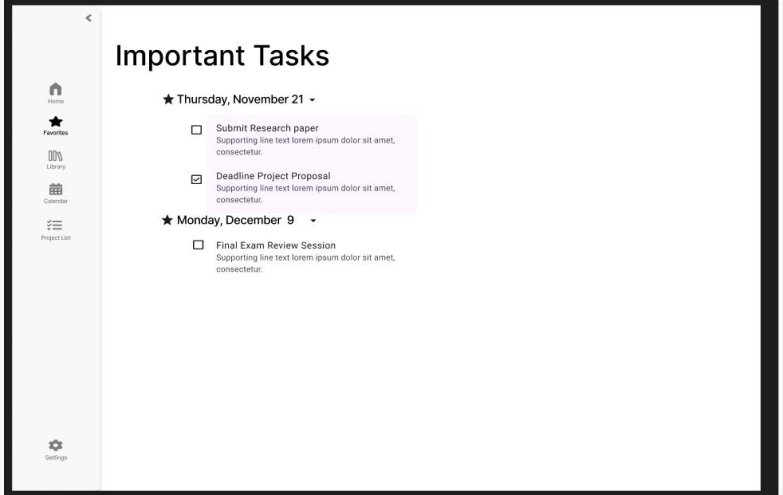


# Sketches


Dependable Manatee
Stat bar
Daily productivity count
Total items completed
Other stats
edit existing
create new
Day tracker
19th
20th
21st
22nd
23rd
24th
Task Name: -------
Hours Required: --------
Recurring: ------ (Daily, Weekly, etc)
---- Stop Date?
Cancel
Start
timer


Today
Add task
Thursday, November 7
Feed dog
Supporting line text lorem ipsum dolor sit amet, consectetur.
Reminder: Daily 10am, 2pm, 6pm
Do laundry
Supporting line text lorem ipsum dolor sit amet, consectetur.
Reminder: Weekly Saturday 4pm
Review Lecture Notes
Supporting line text lorem ipsum dolor sit amet, consectetur.
Next 7 Days
Wednesday, November 13
Start on Assignment 1
Supporting line text lorem ipsum dolor sit amet, consectetur.


Today
New Task
General
Priority
High/Med/Low
Set Reminder
Hour/Minute
Deadline
Date/Time
Task Duration
Hour/Minute
Auto Justify
Project settings
Default sorting
Descending
Project view
View by
Theme
Light/Dark
Confirm


Important Tasks
Thursday, November 21
Submit Research paper
Supporting line text lorem ipsum dolor sit amet, consectetur.
Deadline Project Proposal
Supporting line text lorem ipsum dolor sit amet, consectetur.
Monday, December 9
Final Exam Review Session
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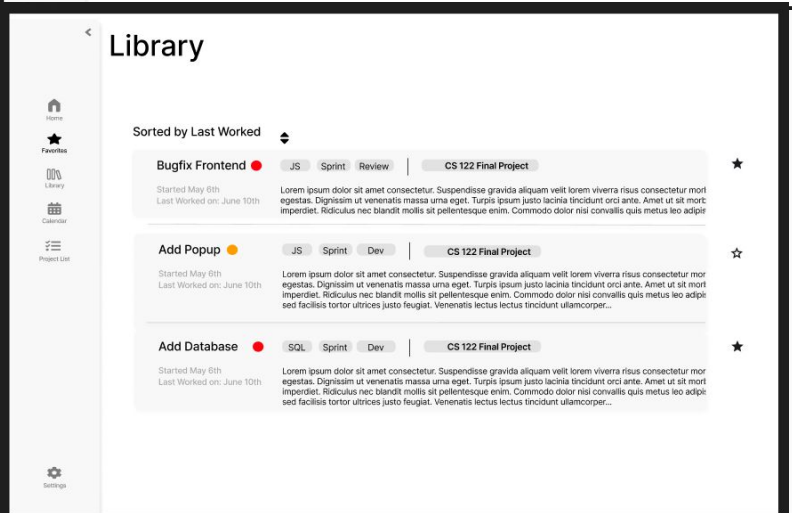
Library
Sorted by Last Worked
Bugfix Frontend
JS
Sprint
Review
CS 122 Final Project
Started May 6th
Last Worked on: June 10th
Lorem ipsum dolor sit amet consectetur. Suspendisse gravida aliquam velit lorem viverra risus consectetur mor
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Add Popup
JS
Sprint
Dev
CS 122 Final Project
Started May 6th
Last Worked on: June 10th
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Add Database
SQL
Sprint
Dev
CS 122 Final Project
Started May 6th
Last Worked on: June 10th
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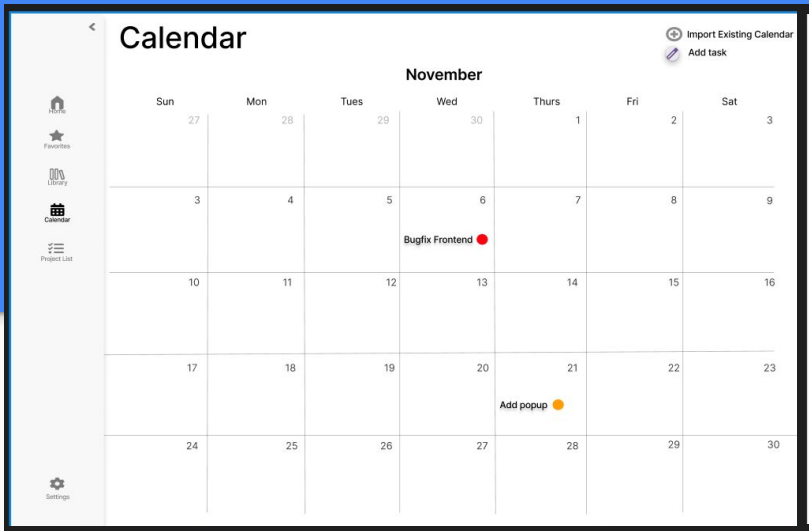
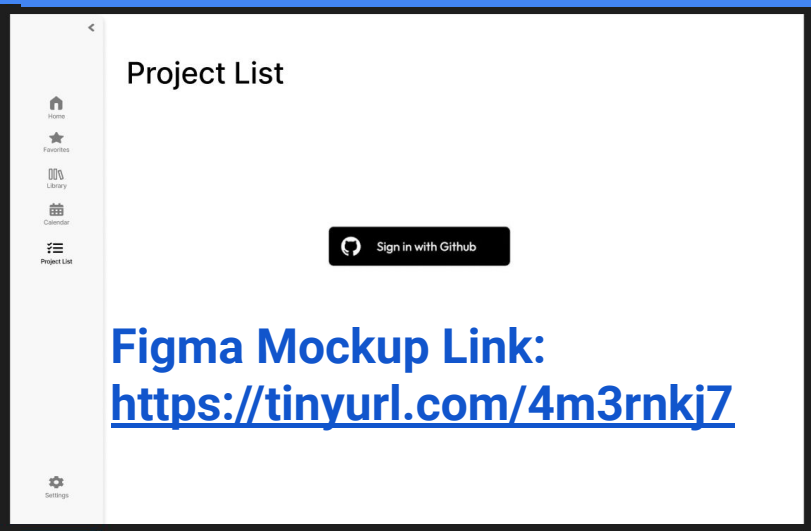
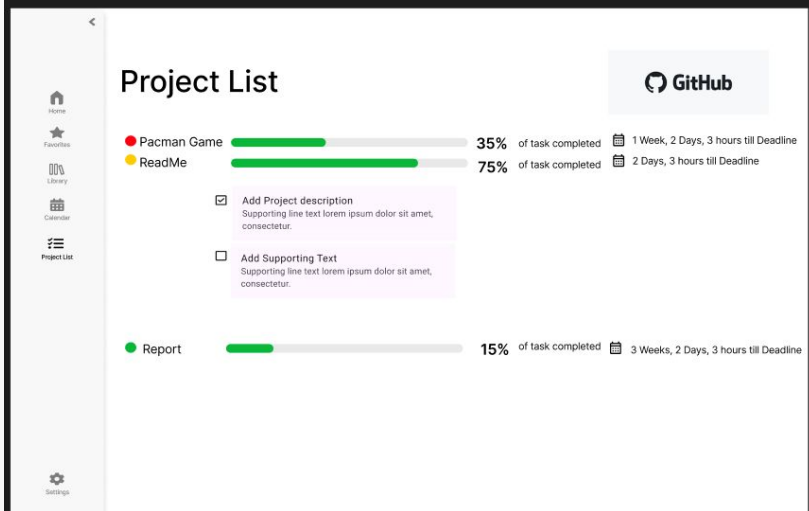
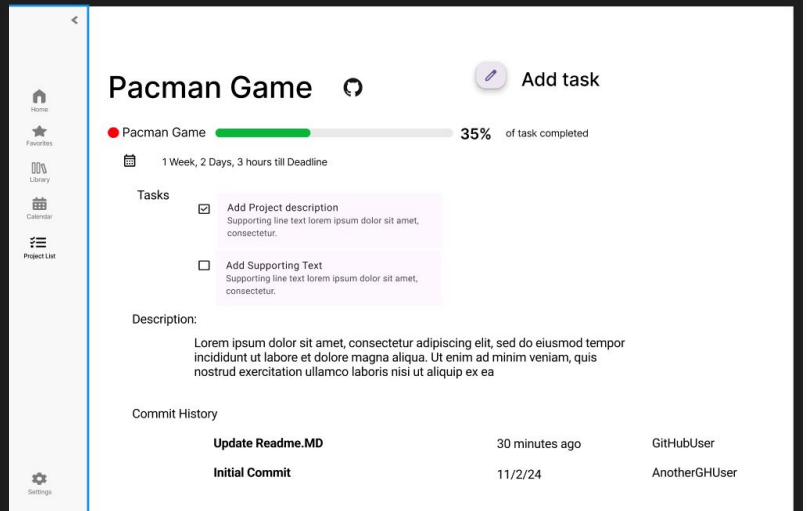

Calendar
Import Existing Calendar
Add task
November
Sun
Mon
Tues
Wed
Thurs
Fri
Sat
Bugfix Frontend
Add popup
Home
Favorites
Library
Calendar
Project List
Settings


Project List
Sign in with Github
Figma Mockup Link:
https://tinyurl.com/4m3rnkj7


Project List
GitHub
Pacman Game
35% of task completed
1 Week, 2 Days, 3 hours till Deadline
ReadMe
75% of task completed
2 Days, 3 hours till Deadline
Add Project description
Supporting line text lorem ipsum dolor sit amet, consectetur.
Add Supporting Text
Supporting line text lorem ipsum dolor sit amet, consectetur.
Report
15% of task completed
3 Weeks, 2 Days, 3 hours till Deadline


Pacman Game
Add task
Pacman Game
35% of task completed
1 Week, 2 Days, 3 hours till Deadline
Tasks
Add Project description
Supporting line text lorem ipsum dolor sit amet, consectetur.
Add Supporting Text
Supporting line text lorem ipsum dolor sit amet, consectetur.
Description:
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
Commit History
Update Readme.MD
30 minutes ago
GitHubUser
Initial Commit
11/2/24
AnotherGHUser

# Tech Stack

We are planning to stick to basic web technologies

- Plain Javascript, CSS, HTML
- Use localStorage as a data storage solution until we outgrow it
- Reasoning
  - Data is potentially personal, and should be stored locally instead of hosted remotely
  - We should avoid making the decision to add additional dependencies until we're sure that it's necessary

# Potential Risks & Rabbit holes:

- Github API could be hard to implement
- Managing large sets of issues/tasks could be difficult
- Team has varying degrees of web development experience, would have to consider frameworks and technologies that are most efficient while still maintaining a relatively simple tech stack to begin with
- Potential “Rabbit hole”: How many features to implement? What to differentiate us from competitors? → Need to start with a minimum viable product to maintain realistic goals for completion by end of quarter, then add more later if time permits