

Team 15 Jover



Developer Journal

User Persona - 1



This is George, a 23 year SWE working over 60 hours a week for a promotion.

During his weekly review with his manager, he showcases all his work and asks for a bonus based on the hard work he put in.

George knows he has put in 60 hours a week but his manager cannot confirm his effort.

How can George show proof of his works over time?

User Persona - 2



This is David a 20 year aspiring CS student who wants a FAANG position after he graduates. Over the past year, He grinded leetcode all day but never tracks his growth.

How can David see how he's grown over the past year? How many problems does he solve per day? How quickly does he solve the problems? How have these trends changed over the past year?

Problem

Reporting

As a Developer, we work on multiple projects and need to report our progress to our supervisors/managers or even ourselves

Logging

How do we log our progress in an organized fashion so we can accurately report our progress?

Retrospecting

How can I view my productivity/progress over time to retrospect on my work ethic?

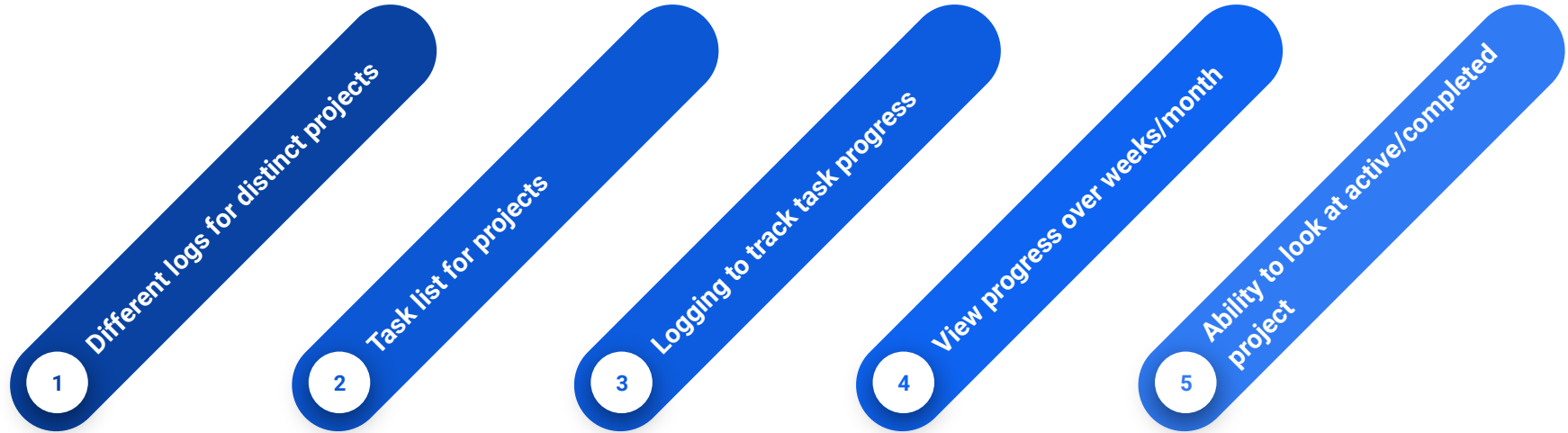
Appetite For Development Team

01	Time	<ul style="list-style-type: none">• 5 weeks of work time• Schedule/Availability as we are students
02	Personnel	<ul style="list-style-type: none">• 10 Strong UCSD programmers
03	Skill	<ul style="list-style-type: none">• Intermediate HTML, CSS, Javascript
04	Motivation	<ul style="list-style-type: none">• Very Very High

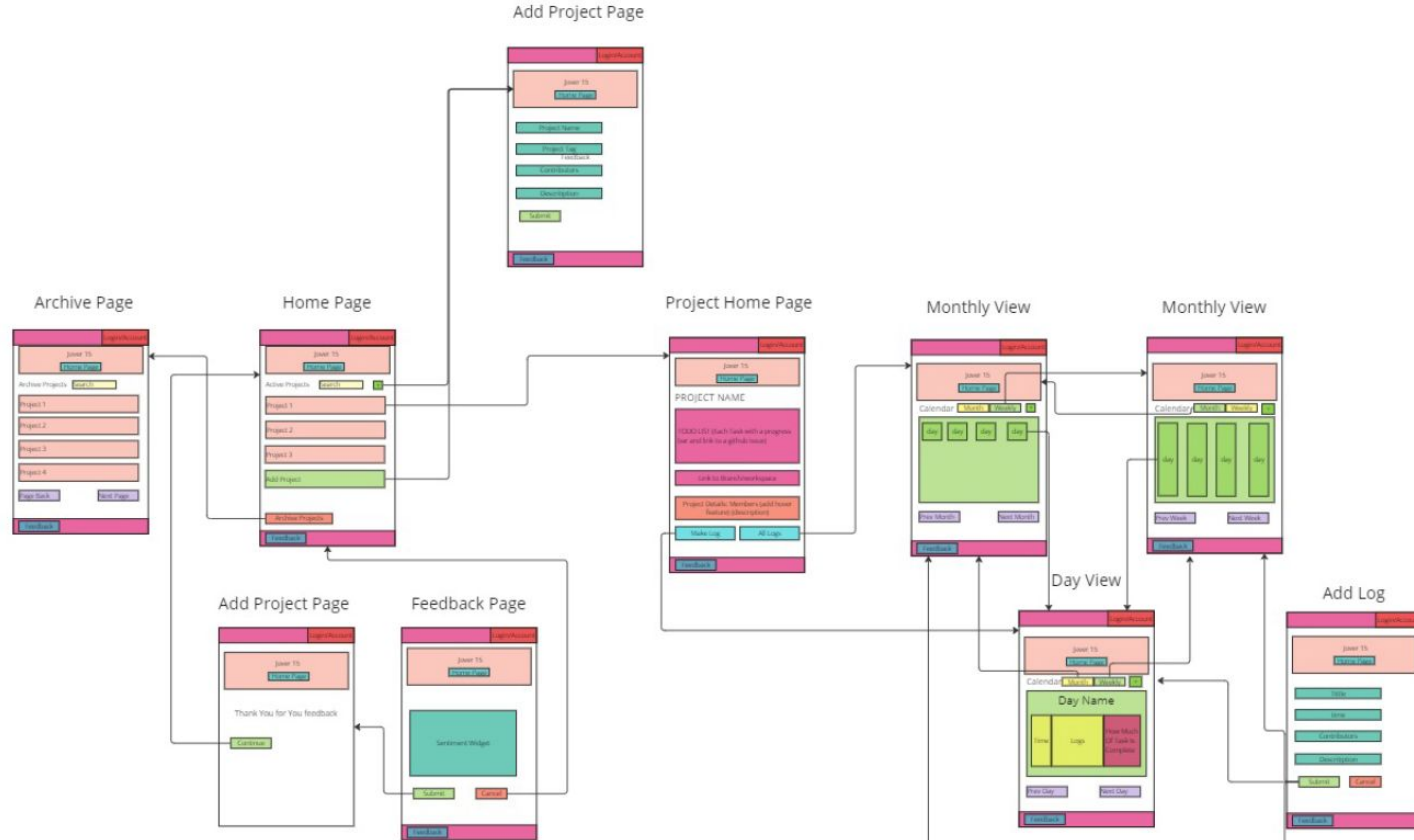
Solution User Stories

1. As a User I want to have a developer journal to store what I have completed on a day to day basis so that I can track productivity.
2. As a User, I want to have the option of having multiple projects, each with it's own journal so I can have an organized logging system.
3. As a User, I want to only to distinguish between my active and completed projects so my workspace is more organized.
4. As a User, I want to see what tasks have been assigned to me for my project so I can have a checklist for what needs to be done.
5. As a User, I want to view my logs and see what time i have logged the task so that I can keep track of my daily productivity.
6. As a User, I want to see how much of a task I accomplish during the day so that I can monitor my progress.
7. As a User, I want to be able to see a daily/weekly/monthly view so that I can see how productive I am over varying periods of time.
8. As a User, I would like to provide feedback so that the developer journal can be improved upon.

Solution - Developer Journal Functionality



Tentative Design of Developer Journal



Potential Rabbit Holes

1. What to add to developer page?
2. How to incorporate log information into month/daily view
3. How to integrate github with project home page
4. How to keep track of task progress?

Risks

1. Not Complete Project within 5 week window
2. Too complicated of a project or too simple of a design

No Goes

1. No cloud usage
2. No multiple collaborators on same project journal

Maybe If more time

1. GPT/AI Integration