Main Problem: In today's increasingly collaborative landscape of software development, the ability to articulate and present one's ideas is essential for creating software that is not only accessible but also effectively communicates its purpose to both oneself and others.

We want to address the ease of documentation and reduction of the need to take action in order to do so.

As personal passion projects increasingly compensate for limited professional experiences in the workforce, developers require a straightforward method to showcase their projects. Simultaneously, recruiters seek an easily digestible format to grasp the essence of these endeavors.

Our aim is to narrow the comprehension gap between these two user groups by offering a single, user-friendly software solution that is accessible to all.

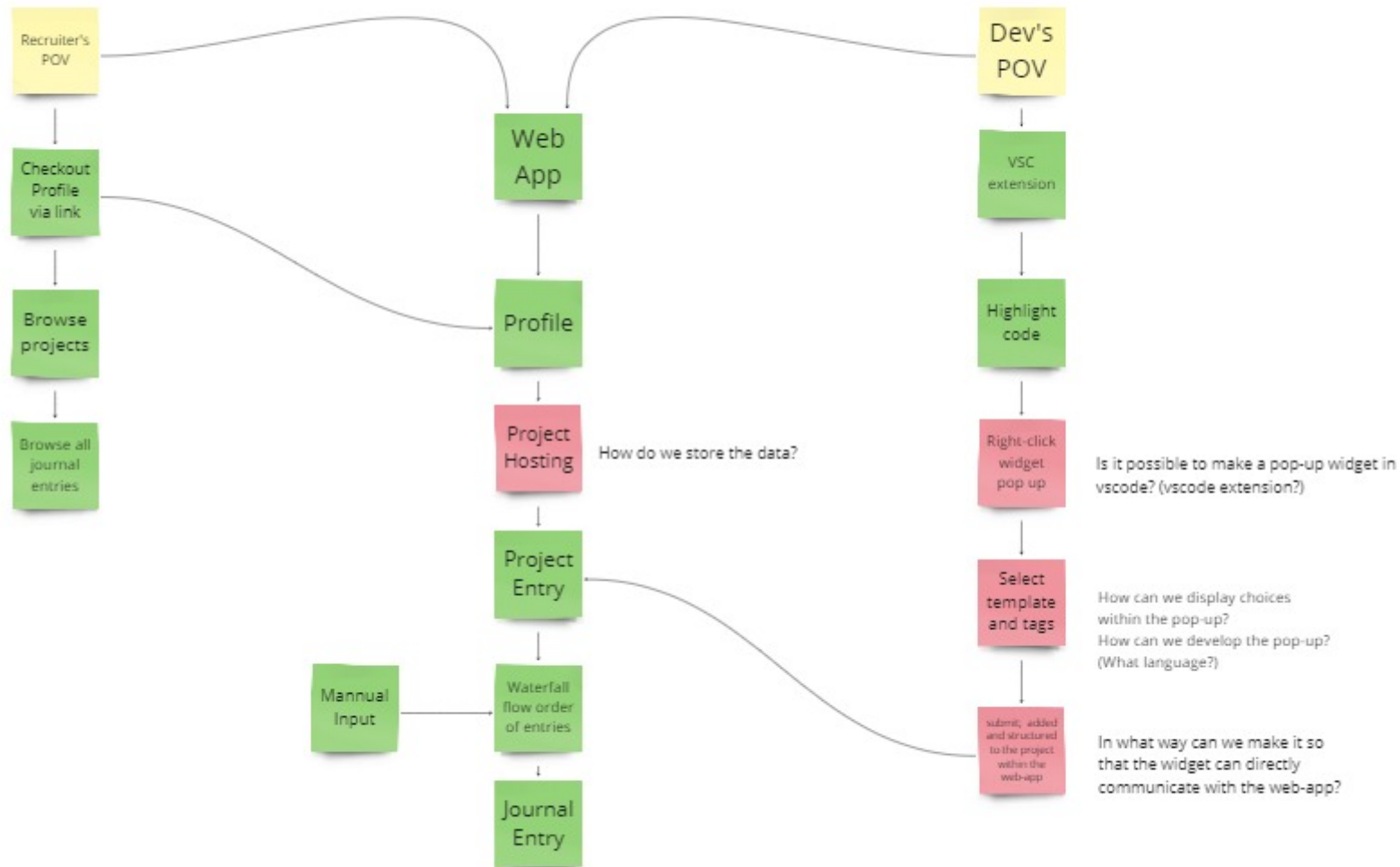# Research:

Existing Solutions (competition) & Features:
- Notion (lot of work on the user i.e. copy pasting and creating structures)
  - i.e. https://lahrry-jeong.notion.site/Bella-s-Workspace-4e43dfc32c3c47c4a0777dcd012455f2
- Command line apps: https://opensource.com/article/18/3/command-line-note-taking-applications (not sophisticated enough)
- Github (lacks workflow and personal thought process)
- Personal Websites (Takes time to create and host)

Solution Ideas:
- Easy exporting (pdf, md, etc.) to others
- Co-Pilot type of widget/extension that works alongside your coding environment
- Templates (retrospective, sprint review, decision logs, bug review, etc.)
- Place to swiftly store temporary, or commentable code
  - i.e. Highlight the code, press a button, automatically disappears and is saved in a dropdown in the IDE in which you can press it and it appears.

- highlight code, click a button to open widget, use widget to select tags and add text to a journal entry, generates a journal entry based on preset templates, is presented by the software to be easily accessible and understandable by practitioners and recruiters (**project resume in the form of legible journal entries**)

Feature Selection:

- Web App
    - Hosts projects (project homespace)
    - Each project features a waterfall flow of journal entries
        - with it showcasing a developers progression through their development stages
        - i.e. Templates (Code/feature additions, research, design, retrospective, sprint review, decision logs, bug review, etc.)
            - can mannually input (without code from ide) into the web-app
        - Formatted with templates, that are legible to recruiters and always editable by the input user
- Developer User's POV
    a. Dev highlights code snippet on IDE
    b. right clicks and selects our widget
    c. widget pop-up appears
    d. allows for user to select template and tags (similar to labels on github) *this will determine where it falls within the workflow*
    e. user is prompted with a selection of user input textboxes (such as "What we could improve on", "why we made this change", etc.)
    f. clicks submit and is automatically added to the project within the web-app
- Recruiter's POV
    - click on profile link
    - browse (simple)
    - Get's to see your development process and thinking process as well as all the necessary documentation/code

Recruiter's POV

Checkout Profile via link

Browse projects

Browse all journal entries

Web App

Profile

Project Hosting

How do we store the data?

Project Entry

Mannual Input

Waterfall flow order of entries

Journal Entry

Dev's POV

VSC extension

Highlight code

Right-click widget pop up

Is it possible to make a pop-up widget in vscode? (vscode extension?)

Select template and tags

How can we display choices within the pop-up?
How can we develop the pop-up? (What language?)

submit; added and structured to the project within the web-app

In what way can we make it so that the widget can directly communicate with the web-app?

web-app

IDE

Profile Page

Projects

Name
description

Proj Name
description

Titolo links
Contatti links

. . . .

manual tag editing

template editor

new project

VS code

our widget

Pop-up

Project Page

Project Name

DESC

table of contents

1.
2.
3.

Journal Entry
New Feature

Journal Entry
Sprint Review

manual entry button

Pop-up Widget

Template

▽ retrospective

tags:

Bug   Addition+   tool+   . . . .

what we did well:

textbox

DONE

textboxes change depending on template

Journal Entry

← Title

code
subtitle