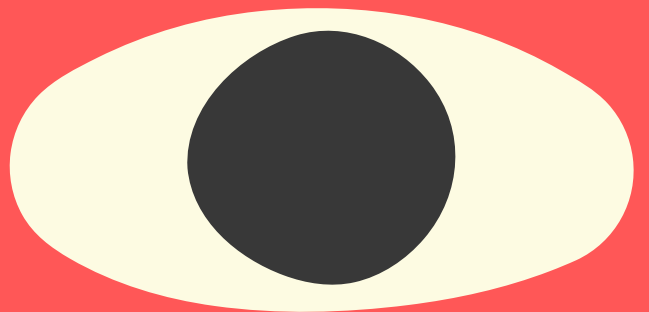
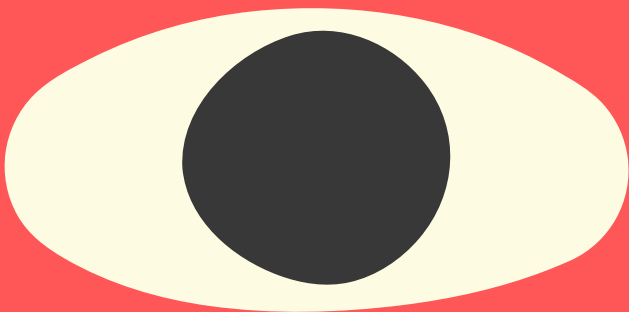
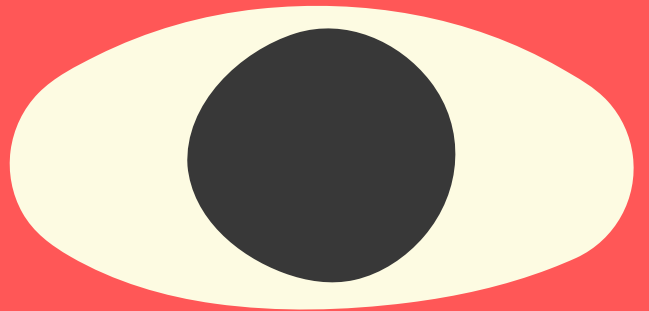
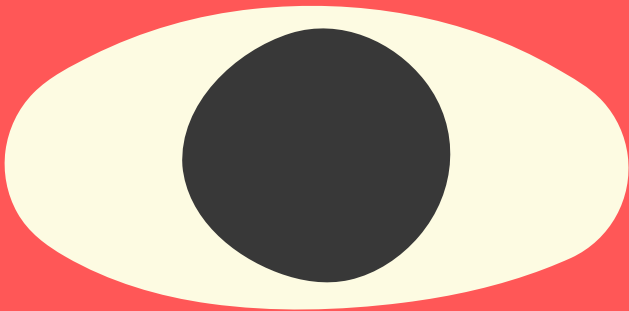
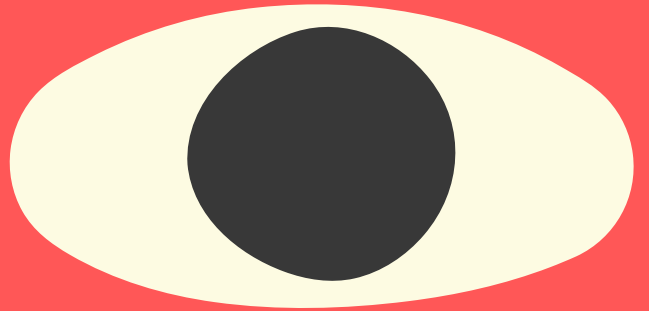
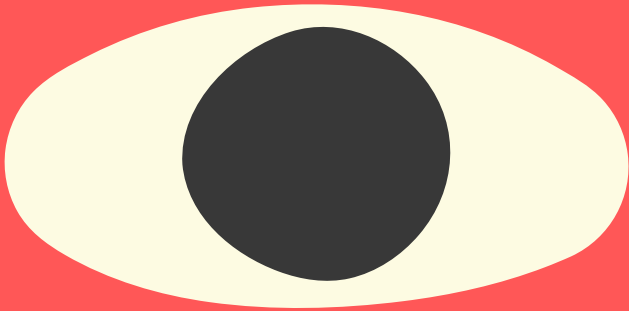
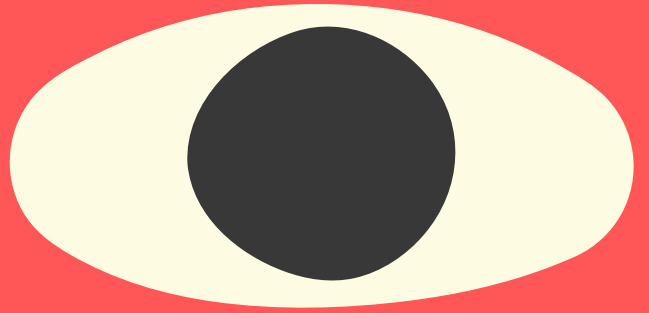
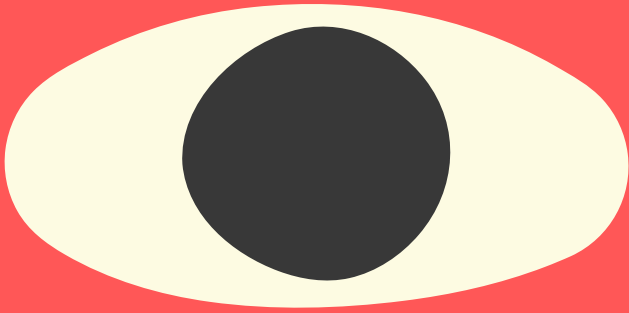


DAISYCHAIN'S GUIDE TO

WRITING YOUR PRD WITH CHATGPT



BEFORE WE START...

I'm going to assume:

1. You're familiar with ChatGPT.
2. You know how to come up with decent prompts.
3. You use ChatGPT for a bunch of different one-off tasks, but when you start using it for more complex stuff, it starts to break down and becomes less useful.

CHAPTER 1

**THE PROBLEM WITH
JUST ASKING
CHATGPT TO WRITE
YOU A PRD...**

IF YOU'VE EVER TRIED TO WRITE A PRD WITH CHATGPT YOU PROBABLY USED A PROMPT THAT SOUNDED SOMETHING LIKE THIS:

“ PREPARE A PRODUCT REQUIREMENTS DOCUMENT FOR A NEW FEATURE TO OUR SOFTWARE.

OUR APPLICATION AIDS URBAN GARDENERS IN EUROPE WITH PLANT CARE INSIGHTS. THE NEW FEATURE WILL INTRODUCE A DATABASE OF COMMON PLANT DISEASES AND PESTS, ENABLING USERS TO IDENTIFY AND FIND SOLUTIONS FOR THEIR SPECIFIC GARDENING CHALLENGES.”

Reword this with the specifics of your product and feature, and it will work. The problem is that the result will be so generic that it's practically unusable.

I'm working on adding a CSV upload feature to the product I'm working on at the moment. I pulled the variables from the prompt above into separate sections so that the prompt is easier to reuse.

Here's what I got...

WRITE A PRODUCT REQUIREMENTS DOCUMENT FOR A NEW FEATURE FOR OUR APP.

BELOW IS AN EXPLANATION OF WHAT OUR PRODUCT DOES AND WHO IT IS FOR, ALONG WITH A BASIC DESCRIPTION OF THE NEW FEATURE WE INTEND TO ADD.

###

WHAT OUR PRODUCT DOES:

THE REASON TO USE OUR PRODUCT IS THAT IT LETS YOU CHAIN CHATGPT PROMPTS TOGETHER TO CREATE TEMPLATES FOR REUSABLE SETS OF TASKS OR WORKFLOWS. THIS HELPS YOU SAVE TIME AND BOOST PRODUCTIVITY.

WHO OUR PRODUCT IS FOR:

THE TARGET MARKET HERE IS MARKETING AGENCIES.

FEATURE DESCRIPTION:

THE FEATURE IS TO LET PEOPLE ADD CSV FILES TO THE PROMPTS STEPS. THIS LETS PEOPLE RUN ANALYSIS ON CSV DATA AS PART OF A WORKFLOW. THIS COULD BE GREAT FOR CREATING CUSTOM REPORTS FROM LARGER MORE COMPLICATED SETS OF DATA.

Product Requirements Document (PRD)

Product Name: ChatGPT Workflow Enhancement – CSV Integration Feature

1. Introduction

This PRD outlines the requirements for a new feature that allows users to add CSV files to prompt steps within the ChatGPT Workflow App. Given the value proposition of chaining together prompts for reusable sets of tasks and the targeting of marketing agencies, this feature seeks to expand functionality by integrating CSV data analysis capabilities.

2. Objective

To enable marketing agencies to run data analysis on CSV files seamlessly as a part of their workflow, thereby facilitating the creation of custom reports from large and complex data sets.

3. Features and Requirements

3.1 CSV File Upload

- **Requirement:** Users must be able to upload CSV files to specific prompt steps.
 - **User Interface:** Add an "Upload CSV" button within each prompt step.
 - **Validation:** Ensure only files with .csv extension can be uploaded.

3.2 CSV File Size and Limitations

- **Requirement:** Set a maximum CSV file size to ensure system performance.
 - **Default Limit:** 100MB. This can be adjusted based on further technical assessment.

3.3 Data Analysis Tool Integration

- **Requirement:** Integrate data analysis tools for CSV content to assist with reporting and insights.
 - **Data Visualization:** Integration of basic charts/graphs generation tools.
 - **Filters:** Options to apply various filters on CSV data columns.

3.4 Output/Result

- **Requirement:** The results after the analysis should be presented as per the user's chosen format.
 - Options might include PDF, another CSV, a presentation, or directly into a designated workflow prompt.

3.5 Error Handling

- **Requirement:** Appropriate error messages should be displayed for:
 - Invalid file formats.
 - Exceeding file size limits.
 - Data parsing errors.

3.6 Security

- **Requirement:** Ensure that uploaded CSV files are stored securely and temporarily if needed.
 - **Data Retention Policy:** Define how long the data is stored and ensure GDPR compliance if applicable.

4. User Experience

- Users can easily navigate to the prompt step and see a clear option to upload their CSV.
- Post-upload, users receive a confirmation message and are presented with tools to run the desired analysis.
- The results are seamlessly integrated into the workflow, with options to move to the next step or make further customizations.

5. Dependencies

- Integration of data analysis libraries or APIs.
- Storage solutions for uploaded CSV files (if not processed in real-time).

6. Testing

- **Functional Testing:** Ensure CSV uploads, data analysis tools, and result generation work as intended.
- **Performance Testing:** Check the system's behavior under the load of large CSV files.
- **Security Testing:** Ensure that CSV data remains secure and the app is free from vulnerabilities due to this new feature.

7. Timeline

- **Initial Assessment and Planning:** 2 weeks
- **Development Phase:** 6 weeks
- **Testing Phase:** 2 weeks
- **Deployment:** 1 week

8. Conclusion

The CSV Integration Feature is poised to significantly enhance the utility of the ChatGPT app for our target market: marketing agencies. By integrating this feature, we can offer a robust solution for agencies to derive actionable insights from their data within their existing workflow templates.

This is great.

I mean, it's a complete PRD.

But I would never use it.

For starters, it just sounds too jargon-y. Who wants to inflict this kind of stiff language on people who actually have to actually use the document.

It's also way too vague to be useful.

I also need to add a bunch of specific details to this before it becomes something we could actually use.

Perhaps most importantly, this doesn't reflect how we put ideas together for new features in our team.

Every team I've ever worked with has a different group of people who pay attention to PRDs. And they all want different things out of it.

If your PRDs aren't just a formality then your team has probably already evolved its own unique format that makes sure everyone involved gets what they need out of it.

The first step to making this PRD something you can use is helping ChatGPT understand how you would like it to be structured.



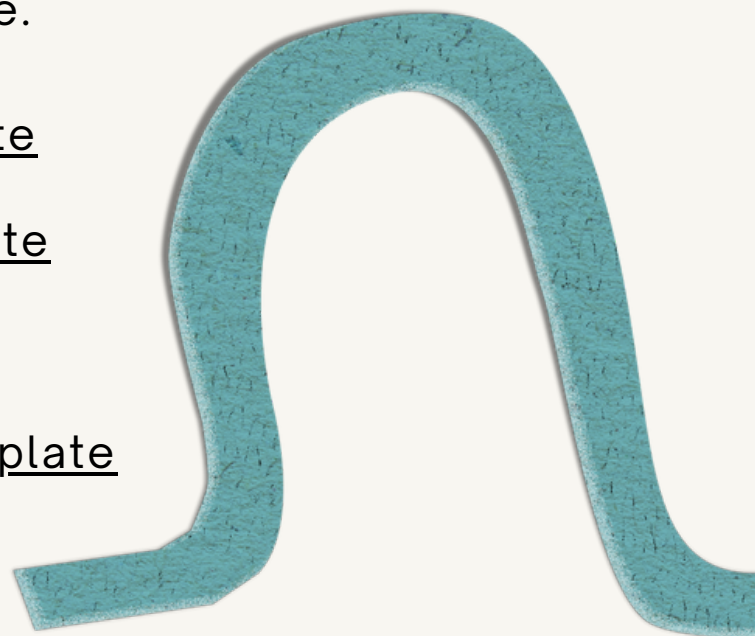
CHAPTER 2

STEALING A STYLE YOU LIKE

"REWRITE THIS PRD IN THE STYLE OF RYAN SINGER'S SHAPE UP"

ChatGPT is surprisingly sharp at imitating style. If you follow a specific PRD convention you can just mention the convention and chances are it will know what you are talking about.

If you don't have a convention that ChatGPT knows about then you can just copy in an earlier PRD you've used and ask it to use that style. If you don't have an earlier example here are 10 great PRD formats that you can copy into your prompt as an example.



1. My personal 1-Pager template
2. Asana's project brief template
3. Intercom's story template
4. Adam Thomas' initiative template
5. Figma's PRD template
6. Intercom's story template
7. Product Hunt's PRD template
8. Steve Morin's 1-pager template (EM at Asana)
9. Kevin Yien's PRD template (PM at Square)
10. Adam Waxman's PRD template (Design at SeatGeek)

This fantastic list comes from Lenny's blog post on his favorite product management templates:

<https://www.lennysnewsletter.com/p/my-favorite-templates-issue-37>



CHAPTER 3

**FILL IN THE
NUANCE**

NOW THAT WE HAVE A GOOD FIRST DRAFT...

There's no point in getting ChatGPT to add specific details about your feature. It will never understand your product or the problem in the way that you do.

You can try, and you might get there eventually, but with the time you would waste, it's simpler to just make nuanced edits yourself.

Making edits on an existing document that resembles how you like to structure your PRDs is so much easier than starting from a blank page. There's just something about fixing something that is broken that is easier than starting from a blank page.

“IF NOTHING ELSE, CHATGPT IS A FANTASTIC TOOL FOR KICKSTARTING PROJECTS THIS WAY AND BLOWING THROUGH PROCRASTINATION.”

I added some details, two screenshots, one quick sketch, edited some bullet points around, and I had something sharable in less than 20 minutes.

This is not good enough for the final document, but it is a coherent overview of your entire proposal, and it's good enough to share with a few key stakeholders for some preliminary feedback before you start refining the details.

The first bit of feedback I got was to split the feature into stages.

- Core aspects
- Important (but will still work without).
- Nice-to-haves.

Doing this made the first part of this feature so simple that it was built and released before I could finalize the PRD – what a rare and delightful problem.

Now it's time to get started on the next PRD...

CSV Integration #48

Open joshpitzalis opened this issue last week - 1 comment

joshpitzalis commented last week

Problem:
Marketing agencies, while working with ChatGPT, often have extensive CSV datasets that they wish to analyze as part of their workflows. For example, in our case, a small ad agency wants to create custom reports from a Facebook Ad Manager export to show clients what the best-performing ads were, how much they spent, and what the next steps are. Facebook ads manager itself offers too much information for clients to understand so they take the CSV and extract 3-4 key insights out of it.

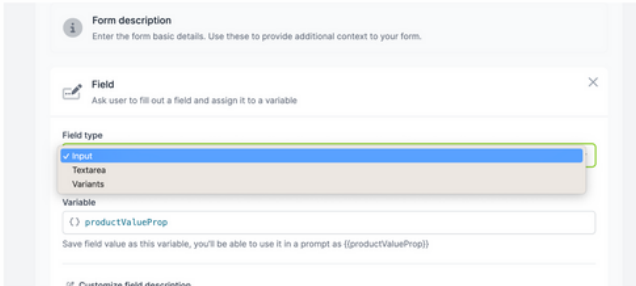
Appetite:
I don't think we should spend more than 2 weeks on this since the user who requested it revealed that she didn't actually have an exact workflow to use once this feature is complete. So, it was more of a hypothetical nice-to-have than a real workflow she is currently using. This is a red flag, and shouldn't be something we invest more than two weeks into without real-world validation that this is something people actually value.

Here is the original conversation with Ashley about this feature:
<https://www.loom.com/share/8cb31ec48099aaecd525c985a8c?sid=0875c96a-d2bc-4f9b-b668-3cecab14392>

Solution:
Integrate a CSV file upload and analysis feature, allowing users to extract insights from CSV files as one of the steps in a workflow. In this case, it would let users create a workflow to turn CSV data export into an actionable client report.

Raw Ideas

- CSV File Upload: A basic "Upload CSV" input type on our forms.



Form description
Enter the form basic details. Use these to provide additional context to your form.


Field
Ask user to fill out a field and assign it to a variable

Field type
✓ Input
Textarea
Variants

Variable
() productValueProp
Save field value as this variable, you'll be able to use it in a prompt as {{productValueProp}}

if Customize field description

- Reference CSV input in prompts One way to handle this from the user perspective, is to have it work just the same way as any other handlebar input.



Prompt request
Send a prompt request to AI

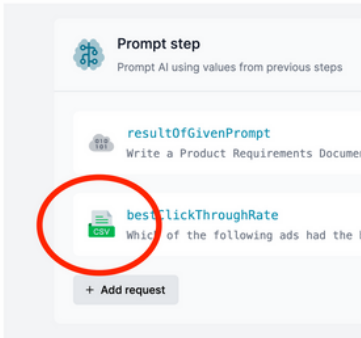
Prompt
Which of the following ads had the best click-through rate?
{{#ExportCSV}}

The prompt text, use {{variableName}} to insert a variable value

Variable
() bestClickThroughRate
Save AI response as this variable, you'll be able to use it in a prompt as {{bestClickThroughRate}}

Advanced settings

To make it easy to find and edit CSV-related prompts, we could have a small logo or color distinction on the closed state of a prompt so that it is easy to identify prompts connected to CSVs.



Prompt step
Prompt AI using values from previous steps

- resultOfGivenPrompt
Write a Product Requirements Documenter
- bestClickThroughRate
Which of the following ads had the 1

+ Add request

Boundaries:

We're not building a comprehensive data analytics platform. We're just testing to see if CSV upload is a real barrier to creating workflows agencies use regularly.

- No support for Excel or other file types, only CSV.
- No filters for columns and data manipulation.
- No visualizations.
- No cloud storage integration for fetching CSV files. Direct upload only.

Rabbit Holes

- Ensuring CSVs are parsed correctly despite differences in data formatting, especially with very large CSV files without performance lag.
- Handling errors is going to get messy.
- We may have to lang chain this one <https://blog.langchain.dev/code-interpreter-api/>
- Or we could embed the CSV and then query it <https://towardsdatascience.com/enhancing-csv-file-query-performance-in-chatgpt-3e2b67a5f867>

Future Potential

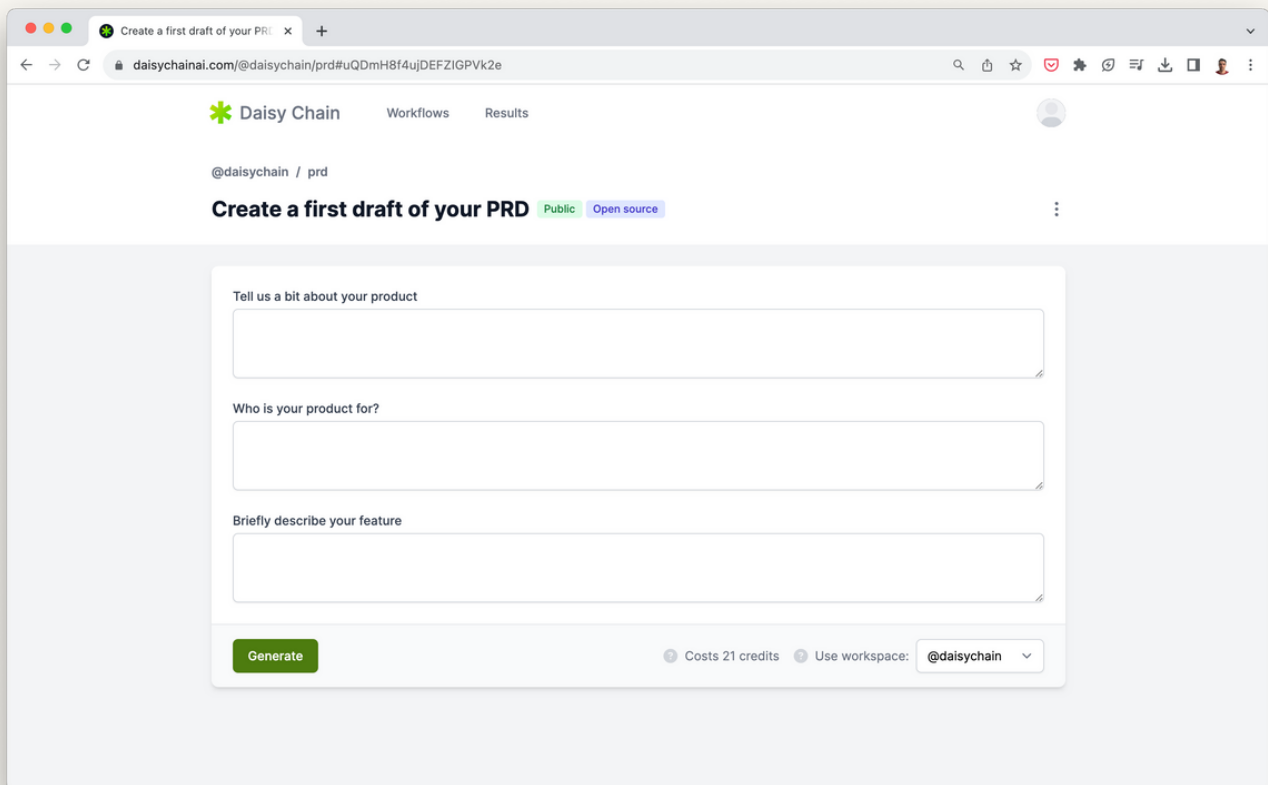
- Extend to support more file types.
- Create visual charts from data

CHAINING CHATGPT PROMPTS TOGETHER

Instead of repeatedly copying and pasting sets of chatGPT prompts, having a template for these steps would be great. This is what DaisyChain, the product we are working on, does.

I copied the three prompts so far into a single PRD drafting template that you can use or modify here:

<https://daisychainai.com/@daisychain/prd>



The screenshot shows a web browser window with the URL `daisychainai.com/@daisychain/prd#uQDmH8f4ujDEFZIGPVk2e`. The page title is "Create a first draft of your PRD". The interface includes a header with the DaisyChain logo, "Workflows", and "Results" tabs. Below the header, the user "@daisychain" is identified, and the page title "Create a first draft of your PRD" is displayed with "Public" and "Open source" tags. The main content area contains three text input fields with the following prompts: "Tell us a bit about your product", "Who is your product for?", and "Briefly describe your feature". At the bottom of the form is a green "Generate" button. To the right of the button, it indicates "Costs 21 credits" and "Use workspace: @daisychain".

Now if only there was a way to anticipate and address feedback on my next PRD before I waste anyone's time.

Four vertical, slightly wavy yellow paper strips are arranged in a row, creating a textured background. The strips are positioned at approximately 10%, 35%, 60%, and 85% across the width of the page.

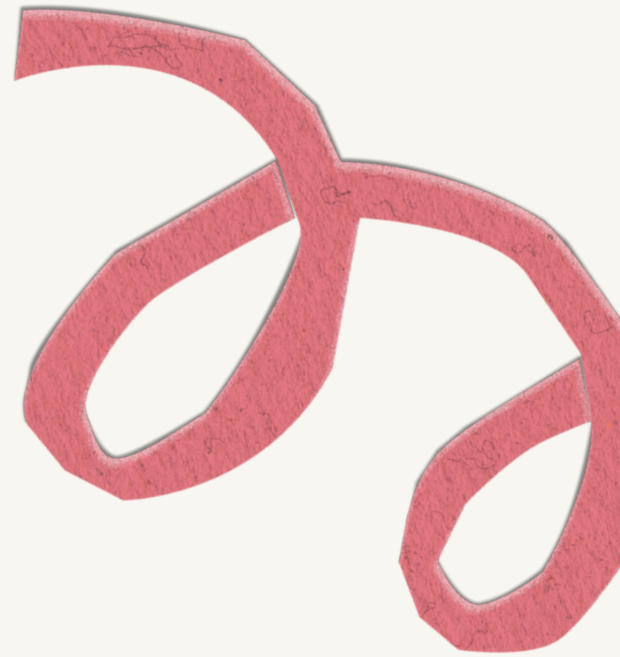
CHAPTER 4

CHATGPT AS A REASONING ENGINE

STEP 1

“HIGHLIGHT THE MOST CRITICAL POTENTIAL FAILURES IN THE FEATURE DEVELOPMENT BASED ON THE DETAILS IN THE PROVIDED PRD”

I first bumped into the idea of using ChatGPT to do a pre-mortem from Ethan Mollick, an associate professor at The Wharton School at the University of Pennsylvania.



STEP 2

“PRETEND TO BE AN EXPERIENCED CUSTOMER SUPPORT MANAGER, GIVE ME YOUR TOP THREE CONCERNS WITH THE FOLLOWING FEATURE.”

In addition to an overall critique of the PRD, ChatGPT does a great job of simulating feedback from specific kinds of stakeholders.

I've combined all three of these critiques into a single workflow that anyone can use and modify here.

<https://daisychainai.com/@daisychain/steelman>

STEP 3

“HOW COULD WE MAKE THE USER EXPERIENCE EVEN MORE DELIGHTFUL FOR THE FOLLOWING FEATURE?”

Sometimes it can be useful to inverse your phrasing and think about how to make a feature better, rather than just spotting problems.



CHAPTER 5

ALL THE FIDDLY DETAILS



One of the greatest strengths of ChatGPT is its ability to handle repetitive, mundane tasks. The four areas I've found this most useful when writing PRD are:

1. User Stories - "Pretend to be a skilled UX

professional. Craft a user story for the following feature. Follow modern best practices, and include its acceptance criteria."

2. Microcopy - "Pretend you are a skilled copywriter with

experience writing microcopy. For each of the following user stories, suggest microcopy and error messages for any associated UI."

3. Release notes - "Write release notes for the following

feature. Focus on what the feature helps people do and why this matters. Then address the most likely questions users will have about the feature."

I've combined all three of these prompts into a single workflow that anyone can use and modify here.

<https://daisychainai.com/@daisychain/details>

PRINCIPLES FOR USING CHATGPT WELL

1. Did you put the instructions at the beginning of the prompt and use ### to separate the instruction and context?
2. Were you specific, descriptive, and as detailed as possible about the desired context, outcome, length, format, style, etc
3. Where possible, did you provide a few examples of what you want?
4. Did you ask ChatGPT to pretend to be a domain expert? - I have no idea why this works so well, but it does.
5. Are you using the latest model? Unless you have a good reason not to, always use the latest model.

These are not my principles, these are Open AI's best practices.

If you'd like to build your own templates if connected ChatGPT prompts please sign up to become a DaisyChain beta tester over at:

<https://daisychainai.com>

DAISYCHAINAI.COM

**WRITTEN BY
JOSH PITZALIS**

