

# Final Project Proposal

**DUE:** WEDNESDAY MAY 22<sup>TH</sup>, 2024

## SUBMISSION REQUIREMENTS (PER STUDENT):

- `proposal.pdf` (PDF of this completed proposal document)
- `wireframes.[png|pdf]` (1-2 wireframes, at least 1 UI flowchart, any other brainstorming/design phase notes)
- `index.html` (main landing page for your store)
- `product.html` (see HTML requirements for alternative view-switching implementation)
- `styles.css` (shared stylesheet for your store)
- `imgs` (folder containing at least one product image, may be template for all products)
- *Other files, such as page-specific CSS and starting JS may vary*

## WEBSITE OVERVIEW

**Answer:**

I'm building a tree/plant e-commerce store. The theme of the website is autumn. The intended users are people who like plants and probably have a backyard as well as people who care about the environment. When you buy a tree on my website you will get that one of those trees and one of those trees will be donated to an area where there was a lot of deforestation or wildfires.

## COLLABORATION INTEREST

Indicate whether you are interested in a chosen partner (if you know who right now, please provide name and Caltech email), randomly-assigned partner, or no partner (you may change your mind later).

**Note:** On Thursday, May 16th, there will be space in lecture to work on the proposal and find partners; you can also use `#fp-partner-search` to find a partner.

**Answer:** I haven't found a partner yet but would like to work with a partner

## CHOSEN FEATURES

Out of the "Chosen Features" for both the front-end and back-end, what features will you be implementing?

**Note:** You may change your mind later as you progress through the term and the Final Project.

**Answer:** I will be implementing Option 5 and Option 6

Chosen Features

**OPTION 5:** A way for a user to customize a product. The user should be able to customize at least two features such as color of the product, material of the product etc. These changes should be supported by a POST endpoint which updates the item description with the new customizations.

**OPTION 6:** An additional view for a FAQ page. This should have at least 5 frequently asked questions and the answers displayed on the page for customers to read. This should be supported by a GET endpoint from which all the frequently asked questions and answers can be retrieved.

## POTENTIAL SHOWSTOPPERS

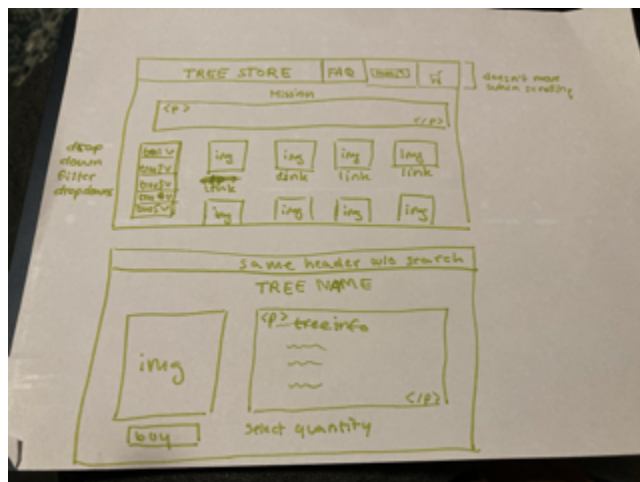
- List any problems you think could come up in your project.
- This section should be present even if you have no questions so we can see you're thinking about this.

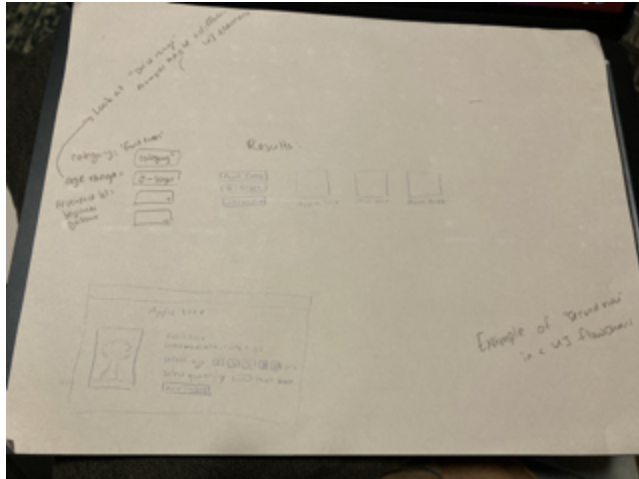
Answer:

- How to group trees into different experience levels?
- How to come up with the different trees?

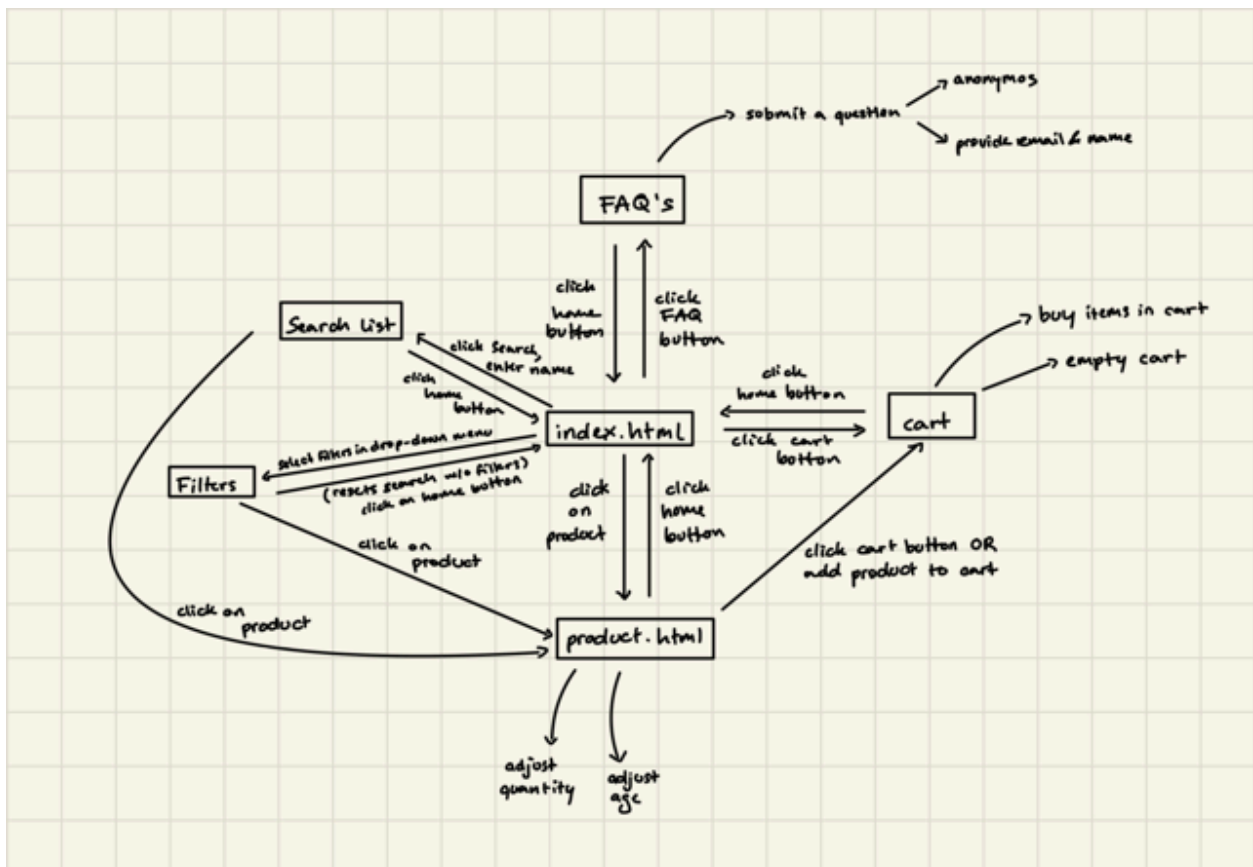
## WIREFRAMES AND UI FLOWCHARTS

Upload 1-2 wireframes for your proposed website here (max 1.5MB, png or pdf). It doesn't need to be a work of art, but we encourage you to consider both layout, design, and UI annotations/workflow diagrams.





In addition, include at least one visualization (e.g. flow-chart) of a runthrough of your proposed website program from start to finish. The following is an example (a text-based version, though a visual flow chart should be used in whatever format you'd like, ideally more than one):



## REVIEW

This year, we are adding a small component to get students feedback from their peers and to practice giving feedback on proposed projects. You do not need to spend a lot of time on feedback (you may earn up to 3 *additional* points for above-and-beyond effort, such as reviewing multiple student posts with thoughtful feedback), but for for full credit you must:

*Link to your Discord post:*

<https://discord.com/channels/1224522707698192487/1239382960453718089/1244848861034578073>

*Link(s) to your Discord feedback:*

<https://discord.com/channels/1224522707698192487/1239382960453718089/1244852250191335536>

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## **COLLABORATION**

*[Student 1 Name] Answer: don't have a partner yet*

*[Student 2 Name] Answer: N/A*

## **OPEN QUESTIONS**

- Any other questions or concerns? If so, is there anything the course staff can do to help accommodate these concerns?
- This section should be present even if you have no questions so we can see you're thinking about this.

**Answer: I'm a bit confused on how to create an API. Also are we supposed to have a product.html page for each product or is there a way to generalize it?**