

# HW12: Feature Complete Prototype

Due Wednesday 29 April 2020 at 4pm NYC time on Courseworks

What to turn in:

- A PDF including:
  - Your summary of the high-level design goals
  - Your iteration plan
- A narrated video of your prototype. It must be between 30 sec and 3 min.

Based on the medium-fidelity prototype you made for HW11, you will continue to iterate towards a version that has all the features that the final design has. This is called “feature complete” – if there is a feature you can’t complete this week, it won’t go into your final turn-in.

- For technical prototypes, all the technical features should be in place. They might not be pretty, but they are all functional.
- For look and feel prototypes, all the content and navigation should be done. It may not have perfect information hierarchy, but it is there.

1. **Summary.** Start with a short summary of your high-level design goals.

- a. Are you doing a technical prototype (Flask) or a look-and-feel-prototype (Slides/Figma) for the final turn in this class.
- b. What is the name of your application?
  - i. E.g. *“Chess Strategy 101”*
- c. Who is the target user? (It must be represented by at least half the people in your TA section)
  - i. E.g. *“Chess novices”*
- d. What is the value it provides to that user in their life?
  - i. Eg. *“Teaching what it means to ‘control the center of the board’ - the basic strategy for how to win a game”*
- e. Write down a lesson you learned from user feedback to support your design focus. This phrase should help serve as a guiding insight to keep you focused teaching something users are excited to learn, NOT what you think they ought to know.
  - i. *“Users already know the chess pieces and how they move (what I wanted to teach), but users were excited to learn more of the strategy to chess – how to win. They responded positively to learning what opening moves to use to ‘control the center of the board’”*

2. **Iteration Plan.**

- a. Write down what feedback your TA gave you when you submitted your HW11 video to them.
- b. Which one of the following areas are you going to focus on this week?
  - i. Technical Features

1. What technical feature are you prioritizing first?
    2. Why? (What problem or feedback have you gotten that makes you think this is the next biggest priority)
  - ii. Content and Navigation
    1. What state or subgoal are you prioritizing to improve the content or navigation?
    2. Why? (What problem or feedback have you gotten that makes you think this is the next biggest priority)
  - iii. Information Hierarchy – you feel the content/functionality is ready, but the graphic design and information hierarchy needs improvement.
  - iv. User testing – you feel the content/functionality is ready and you are focusing on user testing to find any unexpected issues. Must test of at least 5 people, and write your observations and future plans for your TA to give feedback on.
3. **Feature Complete Prototype (Video)**. Submit a video showing what you did this week. Narrate what you have accomplished so your TA knows how to interpret it.
  - a. This video should be between 30 second and 3 minutes long.
  - b. Be prepared to show this video during section to get feedback.