

Last Chance to Learn From Mistakes!

- Final Project should not be shrugged off
- Key Basic Mistakes
 - Services that aren't RESTful
 - Error Handling
 - Package generated with ChatGPT!
 - Not follow simple instructions
 - Missing/unassociated Form Labels
 - Not showing loading indicators
 - Still have sample code/CSS/image

Final Project shouldn't be shrugged off

- An "A" is not a guarantee!
- Final Project demonstrates what you learned
 - From this class
 - "It works" is NOT what I teach!
- If the Final demonstrates you don't understand...
 - No time to fix anything
 - What would you tell students that did learn?

Services need to be RESTful Services

- The URL path must indicate the "resource"
 - If don't understand, you haven't learned it!
- The HTTP Method is the interaction
 - PUT vs POST vs PATCH?
- The Status Code indicates the result
 - 200 (Success) vs 204 (No Content)?
 - 400 (Client Error) vs 409 (Conflict)?
 - 401 (Unauthorized) vs 403 (Forbidden)?

Error Handling

- I deliberately haven't provided examples
- Don't show the error message from server directly

Entire Package generated with ChatGPT

- Even when you then edit, don't do this!
- LLMs terrible with numbers
 - Version numbers are numbers!
- You demonstrate you can't even run the create command

Follow Instructions

- Missing Form Labels
- Not Correctly Associated Form Labels
- Not showing loading indicators
- App doesn't run
- Errors not shown
- Logout buttons at bottom of form
- Failing to remove sample code

I want to prepare you for actual jobs!

- Coding is small percentage of job
- *Reasoning* about code is a large percentage of job
 - Many of you poorly prepared for actual jobs
- Everyone has access to ChatGPT/Claude, etc
 - Like a calculator with math
 - Would you base hiring a mathematician on their use of a calculator?

I know what students can learn

- 8 years
- 20 semesters
- 3 campuses
- 31 separate instances
- Over 750 students

Generated code harms your learning

- Esp. with so many bad habits in the training data
- Are the explanations better than the sources?