

Project 2 System Design

The company that hired you now sees the error of their ways. They want you to (fix/go back to the base site) with a few additional requests.

Their requests:

- “We’ve learned about accessibility. We should make the site more accessible to users with a disability.” (The only one you’re not allowed to address is colorblindness, that’s too easy)
- “There’s some sort of law we have to follow, right? Do we meet the criteria to fill at least one on this site?”

In fact, they’ve hired you on full time. Yay! But with this, comes a few extra requests from them. They’re a very large company with money and people to spare.

- They’re looking to deploy the website. They don’t know if they should buy a server (like a Z mainframe) or pay for an online service like AWS/Azure. Make your choice, explain the costs behind it, and why you chose that.
- They also want to switch to a new software development methodology for this project. All of the teams in their company consist of 6 technical people who work asynchronously and are experts in their field. Any option is valid, just explain why you chose it
- They also want 5 user stories to go along with this request. Base this off what you designed your website for, i.e. “as a user, I want to check my balance, so I can keep track of my finances”
- On top of that, they want an SRS. Surprise, the entire time they were just doing mockups of a potential website. Use slide 18 of the SDLC as reference to outline everything before they go into actually making this website.
- Given your SRS, how would you divide the 6 person team in making this website? Assume they’re experts at everything and can be divided anywhere. (Hint: What roles do you need to develop a website, from start to finish?)
- Do you need to outsource any people for this project? Refer to bullet 2 to answer this question

The goal of this project is to see how well you understand what’s been taught so far, and to practice taking requests from the person who is hiring you. You can create a new website, but the theoretically easier option is just to adjust you current website.

Yes, you may use placeholders. I encourage placeholders. Take creative freedom as long as you’re meeting the outlined requirements.

At the end of the project, you will be presenting your original website (SO KEEP A COPY BEFORE YOU MAKE UPDATES!) talking about how you implemented the first round of changes. Then, you will show your second website iteration with the corrections, explaining what you changed from the first one and how you implemented their new requests.

You will do a writeup on why the changes for the website were better and also what you chose/analyzed for them and how you came to that conclusion for the other questions the company had.

You will also make a powerpoint presentation containing everything from the extra requests section. You will present this along with your website iterations. This can be a copy-paste of your writeup, you're trying to convince the rest of your 'team' that this is the best option and use your analysis (SRS and user stories) as to why. You can pull up your website code to show the two websites or have screenshots in your powerpoints, it is your choice.

Deliverables:

- The code for your website
- A writeup of why the changes were a better idea than the previous project
- A writeup of your choices for the follow up questions
- The powerpoint you make