

BC

Bryan Isaac Caldera
Sat 5/22/2021 11:18 AM

To: Denny Feng; Calvin J Tan; John To; Huan K Nguyen; Marco Angelo Marino



1. In this project I had many tasks. I was team lead so I was planning and deciding what features we should have with the help of my team. I got the GitHub projects page started and added tasks to it and showed the team how to use it to help us organize. I worked with Denny to set up the back end of our website for the horizontal prototype. I set up the website on AWS and kept it updated with new versions as we pushed to the main branch. I spend a lot of time checking up on people and helping them on their tasks if they couldn't do something or there was a bug they couldn't fix. I worked a lot with workbench to make our tables and edit the data inside them as we changed our minds on how the tables should work. Towards the end of product development I spent most of my time working on our back end api, and helping out on connecting front end pages.
2. I made 96 commits. I was one of the two people who set up the foundation of our site. I had more time to commit than most others which makes my number look higher.
3. As the team lead, what I found most difficult in this project was planning the project. It was hard to know how small I should make tasks and how much time I should give people to do them. Another difficulty was managing my team members. Some team members had a lot more experience than others so it was hard knowing what task to give each person. I had to keep in mind if a task would be too overwhelming to a beginner, and think about what I wanted my most experienced people dedicating their time to. If I could have given anyone anything I think it may have been easier to manage. Other difficulties were my own abilities when it came to React and NodeJS. The project was big and it was difficult to code. Things would break and I wouldn't know why cause they worked 30 minutes earlier. I was also the one who would put our website on AWS through ssh. This was a hard task, I broke the server on multiple occasions, but I learned a lot and now I don't break it nearly as often.
4. What I would do differently is using product managing tools like GitHub projects sooner. I also would have put more time into the use cases, ours were good but I realized later how often we used those and more detail would have been helpful. I would also start sooner with security and form validation. It should have been added as we developed features, but we added most of this near the end which made it hard to remember which forms I had to secure.

CT

Calvin J Tan
Sat 5/22/2021 1:14 PM

To: Bryan Isaac Caldera; Denny Feng; John To; Huan K Nguyen; Marco Angelo Marino



- a. Calvin Tan's contributions
 - Milestone contributions and revisions
 - Mostly front-end work, minor back-end additions
 - App testing and minor bug fixes
- b. 28 commits, 986 additions and 140 deletions
- c. A major challenge I encountered was learning how to use the Reactjs library. It was a daunting task to start over from "Hello World" to software engineering ready in a short span of time. Even now I would consider myself by no means experienced in Reactjs, however I am still grateful for this experience; as in software engineering we are constantly introducing ourselves to new programming languages and technologies. I certainly expect this relearning cycle to repeat itself in the future, and next time I will be better prepared to face the challenges it brings.
- d. Based on what I learned in this class, one thing I would do better is pay more mind to the planning process. Prior to this class I thought building a web application would take a lot less planning, and more time coding. However I now have a newfound appreciation for use cases and personas. It is imperative to step through the process in the pov of a general user. If you build an app for other people that only you know how to use, that would be an easy way to get yourself fired.

[...](#)

JT

John To
Sat 5/22/2021 3:10 PM

To: Calvin J Tan; Bryan Isaac Caldera; Denny Feng; Huan K Nguyen; Marco Angelo Marino



Contribution to the team project consists of the following:

Frontend design,
Connect frontend with backend
Design how data present to the user,
First UI mockup,
UI/UX design for frontend.

My total number of commits is 54 times in dev branch.

I think the main challenge is to make sure the UI having the same design pattern. In the early development, frontend UI has different design styles, and this causes a lot of change in late development. It also is a challenge to make sure UI has a cohesive design. Moreover, my CSS skill is not good enough in developing the website, and I learn a lot from my teammate, Denny, in designing and positioning frontend UI. My teammates help me a lot in designing the UI and color.

From what I learned in this class, next time I will better prepare frontend design in early development. Making sure teammates have the same idea about the UI design, and I will create a better UI mockup in early development. Also, I will improve my CSS skill to help me create a better UX experience.

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Marco Angelo Marino

Sat 5/22/2021 3:06 PM

To: Denny Feng; Bryan Isaac Caldera; Calvin J Tan; John To; Huan K Nguyen



a) Marco's contributions

- Created multiple pages.
 - Contributed HTML, Javascript, and CSS work.
 - Contributed to each milestone report.
 - Created half of the M4 document.
 - Organized and collected M5 documents & folder.
 - Performed final presentation.
 - Conducted informal focus group testing with group size of 6 people.
 - Performed usability/QA testing.
 - Helped to resolve team conflicts.
- b) I made a total of 21 commits to the github.
- c) Of the challenges I encountered during this team project the most significant was that I always felt like I was playing catch up with everyone else. I'm not as familiar with web development as I would like to be, so using tools such as React, Axios, Bootstrap, and Redux was a challenge for me. It was very difficult to have to learn on the fly and create acceptable, usable code for our project.
- d) Next time I would use an extreme programming or SCRUM approach to team organization and be more on top of myself and others. I felt that I was not as in control of the github as I should have been and that it was something I should have been more on top of. I feel that these approaches would have helped me moreso to that end.

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Denny Feng

Sat 5/22/2021 11:22 AM

To: Bryan Isaac Caldera; Calvin J Tan; Marco Angelo Marino; John To; Huan K Nguyen



Denny Feng's contribution to the team project consists of the following:

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Creating backend API

- UI/UX design for frontend
- Database creation
- Milestones 0-5
- UI mockup rework
- SW prototypes creation

My overall submission, throughout this project, in total is 207 commits. These commits include jumping between frontend/backend to help my fellow teammates out accordingly.

As a backend lead, the main challenge, I have encountered in creating the backend API was connecting database tables with other tables using foreign keys. As an individual, who had not taken any database courses or using MySQL, prior to this project, this was the main challenge, I had to deal with. Luckily, our team leader, Bryan, was here to save the day!

If I were to redo this project based on what I have learned in class, I would use Extreme Programming more often to create small releases, so if any code is not working properly, I would be able to know where the code broke, so that I can keep testing and fixing accordingly. Lastly, despite being asked to use the project management tools of GitHub projects, I sometimes forget to check and update our GitHub projects, project management tools. So, next time around, I would be using checking and updating, the project management tool being used.



Huan K Nguyen

Sat 5/22/2021 4:10 PM



To: John To; Calvin J Tan; Bryan Isaac Caldera; Denny Feng; Marco Angelo Marino

a/ Huan Nguyen's contributions:

- + Milestone 0-5
- + Frontend design
- + Fixed warnings from the system
- + Eliminated unused console.logs

b/ My total submissions to Github is 72 commits.

c/ My main challenges in this project were:

+ My technical skills were very limited. I felt like everyone else on the team was so great and knew what they were doing. On the other hand, I had to play catch-up. I had to google to find help with almost everything. I had to learn many new technical skills in a short time. Luckily, my teammates were phenomenal. They provided resources to help me improve my skills. This wonderful gesture really helped me to contribute to the team project.

+ Collaborative coding was very challenging, especially during this covid-10 pandemic. We were only able to have meetings on Zoom. Personally, there was a time, when I actually messed up. It was an embarrassment. I mainly worked on my desktop. But there was one time I used my laptop. Unfortunately, I forgot to pull from Github. So, everything was out of place. I felt so bad and didn't know what was happening or how to fix it. So again, I have to thank my wonderful teammates for helping me to fix that. Honestly, I was very grateful that they didn't throw me out. Instead, they were so patient and showed me what I did wrong. I would never forget that incident because it would help me to make sure to always pull the latest changes from Github.

d/ Improvements:

- + Web development is a very fascinating topic. It also is very challenging. So, I will have to spend more time on improving my technical skills, especially back-end stuff. I would like to improve my knowledge about it.
- + I will have to pay extra attention to collaborative coding. I will have to make sure to always check and pull the latest changes from Github before starting to add any new changes.

Best Regards,
Huan Nguyen

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