What Went Well

Some things that went well are our team communication and how we divided up the work. We communicated with each other using a facebook messenger group and everyone was very responsive. We also had weekly meetings on Thursday afternoons where we met up to discuss the upcoming assignments and make plans. We also divided up the work so that people would work on areas that they enjoyed the most, for example, Diana and Jinny enjoyed backend and had experience with SQL so they mostly worked on the backend and the database, Linnea had experience with frontend and design, so she mostly focused on the UI and frontend aspects, and Carlos enjoyed both, so he contributed to both the frontend and backend.

What To Improve

There are a couple things that could be improved on the website. One is that we didn't have enough time to implement actual payments (using the Stripe API) as we originally intended. Another is that we chose a scheduling database design that required a column for each day which caused us to restrict the reservation time frame to only extend until February. In reality, it would be better to have all future times available.

What To Do Differently

One thing that we might do differently in the future is employing a more rigorous testing process before pushing code. We often had backend bugs that came up during the frontend development and then those working on the frontend would have to wait for those bugs to be fixed before moving forward. Likewise, there were some frontend bugs that caused errors when trying to test backend functionality (like the date picker not updating properly). This created blockers for our team and is something we would want to avoid in the future. Another thing we could have improved was our documentation throughout the coding process. Often documentation wasn't written until after the code was committed, so if someone wanted to understand what a function did there often wasn't a succinct way to do this besides just reading the actual code.

Lessons Learned

Overall we learned a lot about working as a team: regarding communication, dividing up work, problem solving, documentation, and debugging. We also learned a lot about being flexible as our original plan for features and tasks changed during the implementation process. Individually, we each learned a lot as well. Both Jinny and Diana learned a lot about databases and SQL. Linnea learned a lot about Vue frontend and routing. Carlos learned a lot about both frontend and data model design.