

Mx632 MeiNa Xie

Wz1509 Winnie Zheng

CS-UY 3083 Introduction to Databases

Professor Ratan Dey

Airline Ticket Reservation Project

For the majority of this project, we did it together on zoom. Since both of us were new to web development, we started dissecting the sample code from class first before starting the project itself.

In terms of the user cases, both MeiNa and Winnie worked on the customer user first, walking through the bullet points of the required implementations. We built the format of the website as we went along with our learning process.

As stated above, we worked on the project together over zoom so we were both always on the same page for everything. Because of this, it was also easier to test our work as we went along on one person's local laptop. We decided to use Winnie's local system since it was easier to test on Windows and find the port number under the Window's version of XAMPP. In terms of programming, we tried our best to sync and stay communicated throughout the process. We spent most of our time working together through each user case, instead of dividing the work in half. Near the end of the project, MeiNa worked on writing the queries and looking at the database while Winnie worked on implementing the backend and frontend using those queries. We discussed through the whole process of making the code, and how the implement for the different users.

There were many instances where neither one of us could figure out what was wrong with our code, so we would google for an answer. If we were still uncertain, we went to office hours for feedback and guidance from Professor Dey.

For testing, we had to add some data sets into the database, so both of us worked on creating some more entities in our database. In the end, MeiNa sent my data to Winnie, and Winnie annexed them into our database (located in her computer). During the process, we also realized that there were some flaws in the design and implementation of our database, so we had to go back and flush our database and redesign it. For example, some of the foreign keys had to be primary keys and we did not account for it.

Overall, we both believe that we divided the work evenly and both parties contributed to the project well. MeiNa was able to fix a lot of the bugs and it came in handy when Winnie had the database and website servers running.

A handwritten signature in black ink, appearing to read 'MeiNa Xie'.

MeiNa Xie

A handwritten signature in black ink, appearing to read 'Winnie Zheng'.

Winnie Zheng