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During the Prelim period, I worked on building the basic parts of the TZULIFE system. I created a MySQL database to store important information about Shih Tzu dogs, such as their health problems, symptoms, and the kinds of food that are good for them. I used Python Flask to make the system work by connecting the front-end (what the users see and use) with the back-end (where the data is stored and managed).

One of the hardest parts was learning about Shih Tzu health issues. I had to really understand their common problems like breathing troubles, eye infections, allergies, and skin diseases. To do this, I spent time reading dog health books, searching online articles, and even asking vets and pet owners about their experiences with Shih Tzus. This helped me decide what kind of data I needed to collect.

I also had to carefully plan how all the pieces of information would connect. For example, I made sure that each symptom could be linked to possible health problems, and that each health issue could be matched with the right food recommendations. I designed the database tables to work together smoothly so that the system could give useful and correct advice later on.

Even though it looked simple at first, building the database was actually a very important step. Without a strong and well-planned foundation, the whole system would not work properly. Everything I will add in the future—like health checking, food planning, and advice features—depends on this base. That's why I took extra time to make sure it was right.