

Technological Institute of the Philippines
Quezon City
College of Computer Studies
Computer Science
CS 401 – Thesis 2

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Course: CS42S3	Course Instructor: Ms. Janice Capule

During the Finals, I focused on getting the TZULIFE system ready for real users and putting it online. This was an exciting step because it meant people could now access the system on the internet and actually use it to check their Shih Tzu's health and food needs. I worked on improving the smart system (the one that predicts health problems) so it could give faster and better answers. I also made sure that when users asked different kinds of questions—even strange or unexpected ones—the system would not crash or break. Connecting the machine learning model to the Flask app took a lot of careful work. I had to make sure the system could understand all sorts of inputs and handle errors smoothly.

Uploading everything to a cloud server was a proud moment. But once real users started testing the system, we found some unexpected problems. For example, the system sometimes gave confusing or incorrect answers. This showed me how different things are when real people use your system compared to when you're just testing it by yourself. I had to go back, fix bugs, and retrain the model to make it smarter.

I also added tools to monitor how well the system was performing. These tools helped me check things like how fast it responded, and how accurate the answers were. I learned that it's not enough to just build the system—you also need to keep checking and improving it, especially after it goes live. Making it ready for many users at once meant I had to think about security, server load, and backups, just in case something went wrong. I had to make sure that user data was safe and the system wouldn't crash if too many people used it at the same time. This final stage taught me a lot about what it takes to turn a student project into something that can actually help people. It's more than just coding it's about planning, testing, fixing, and improving all the time.