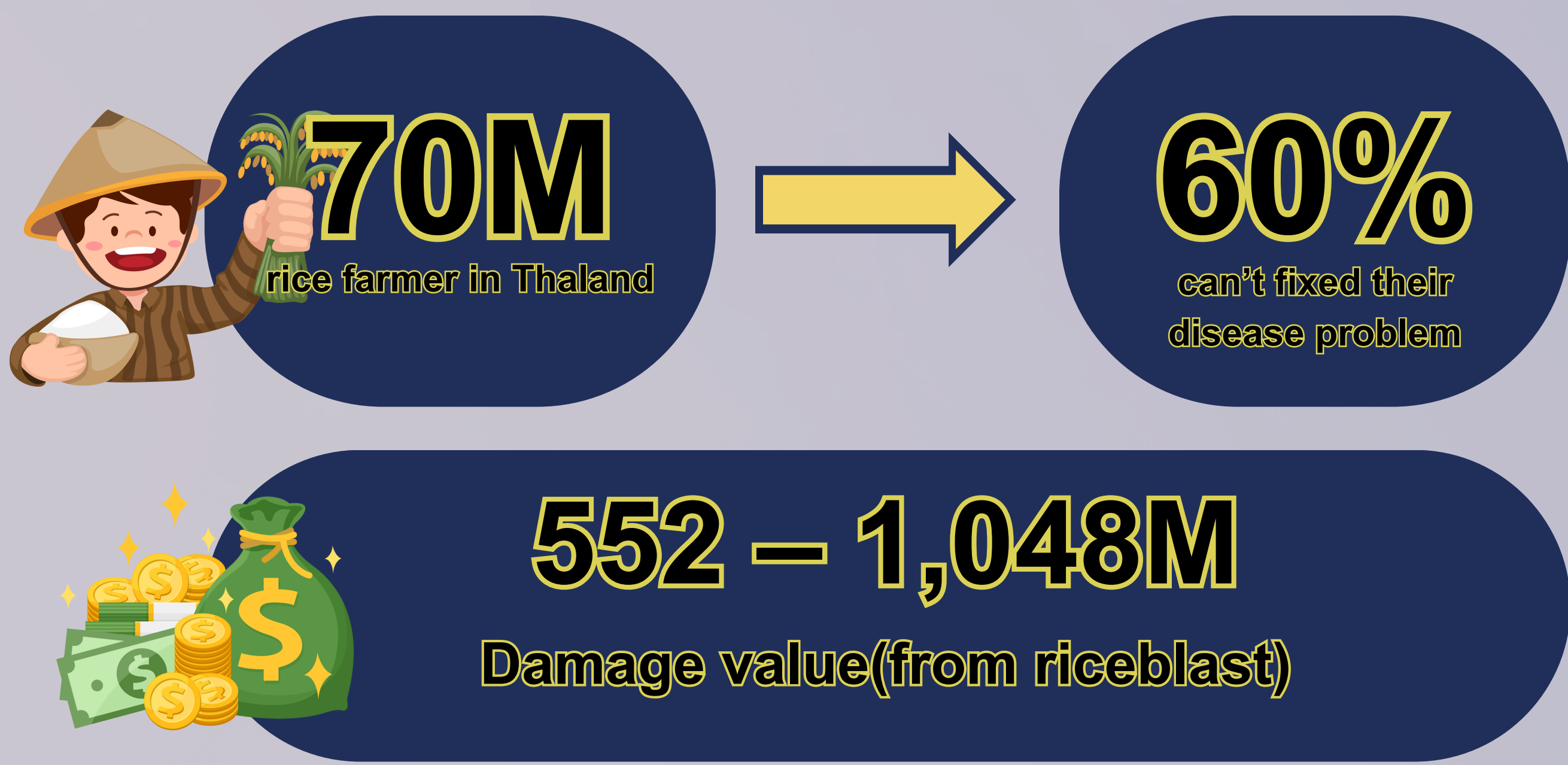




PROBLEM

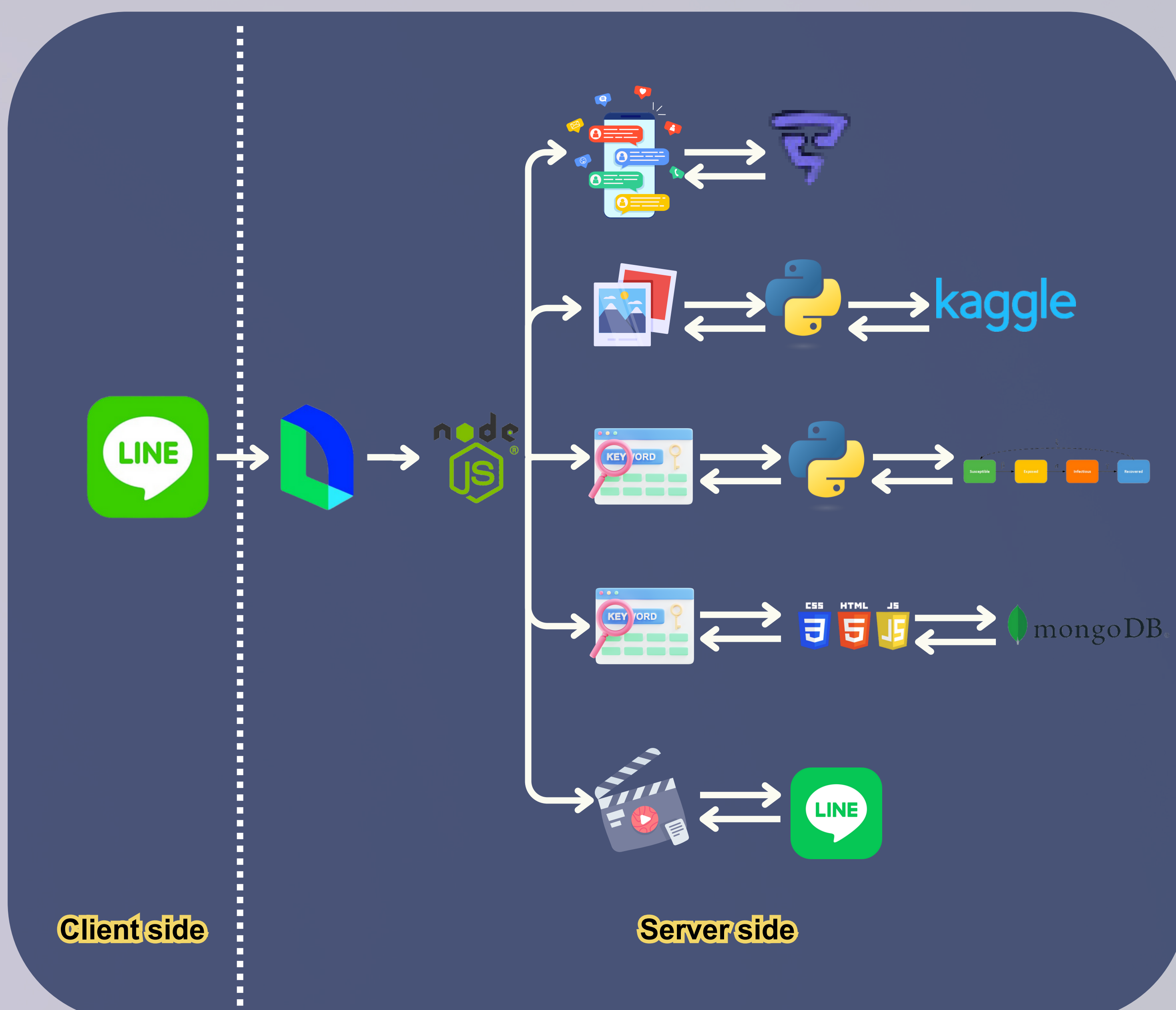


FRAMWORK

Development

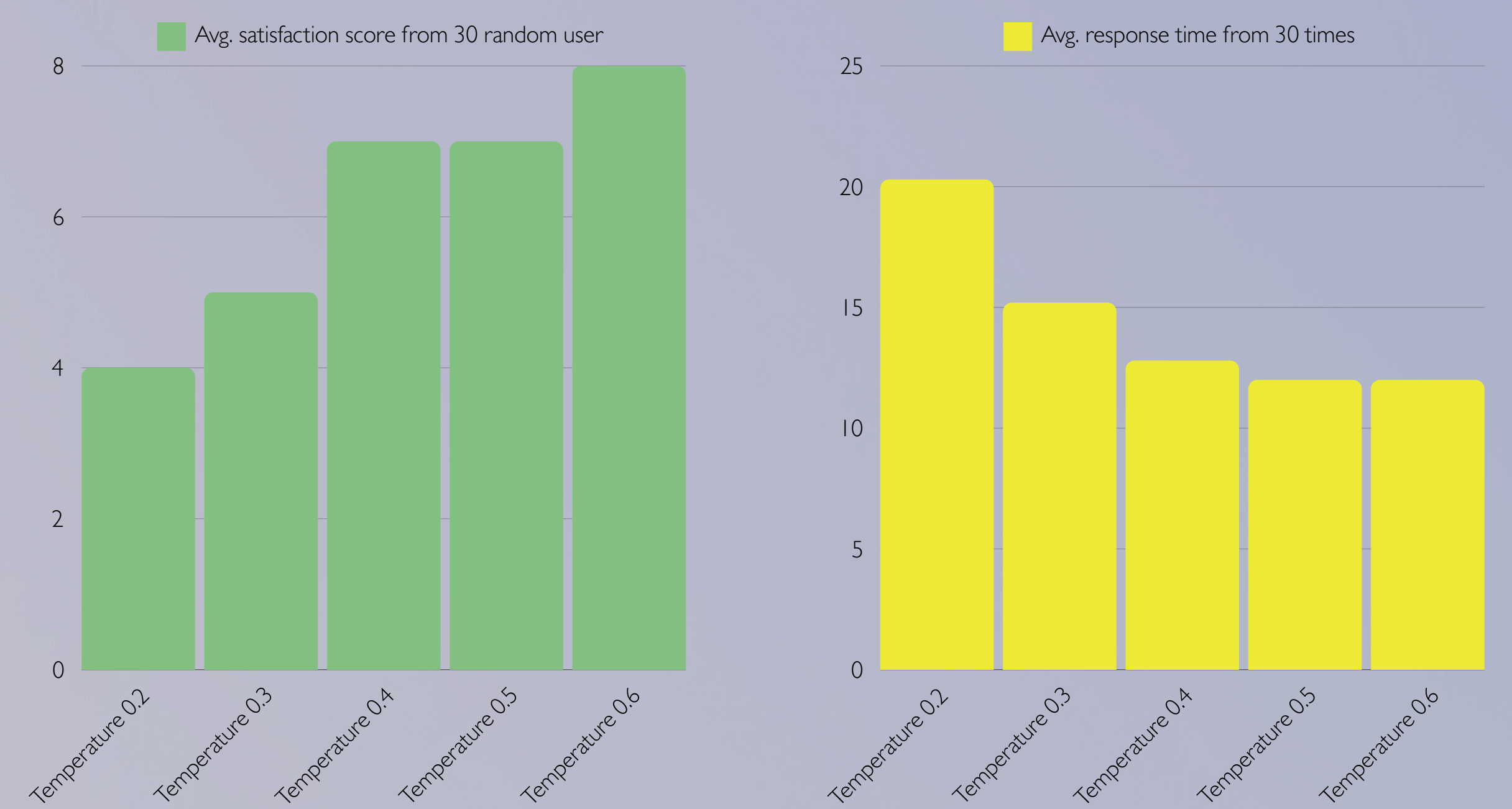


Diagram

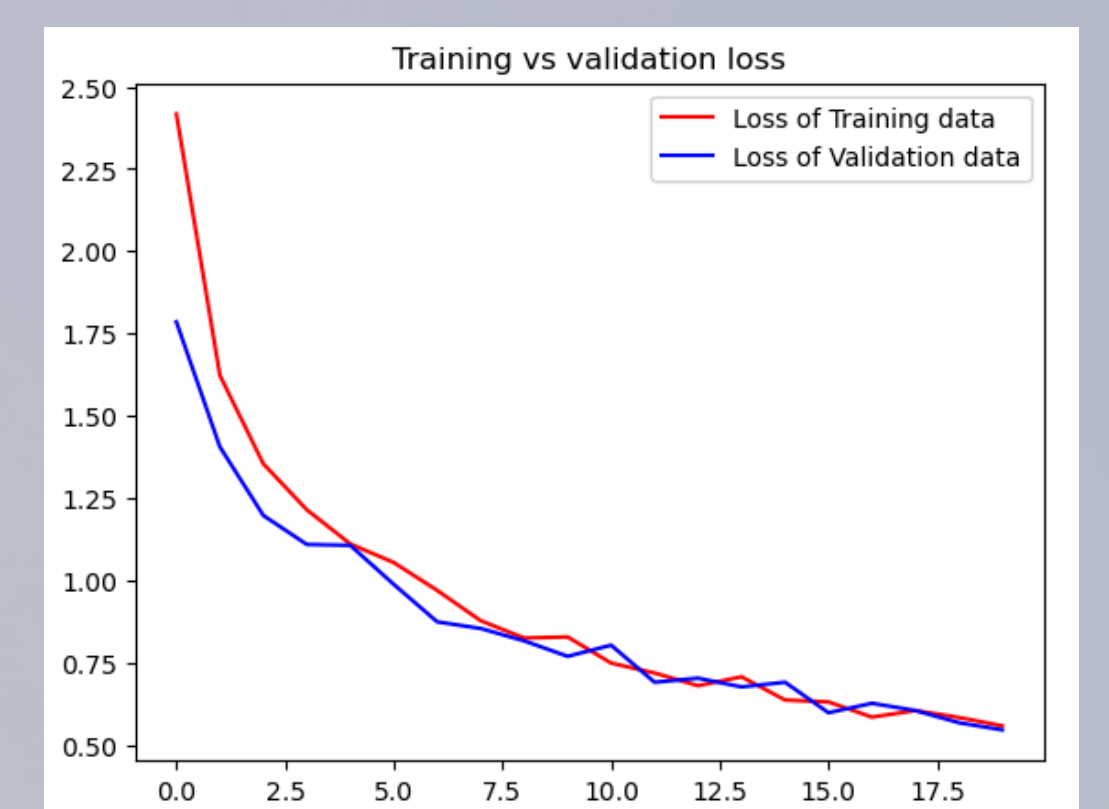
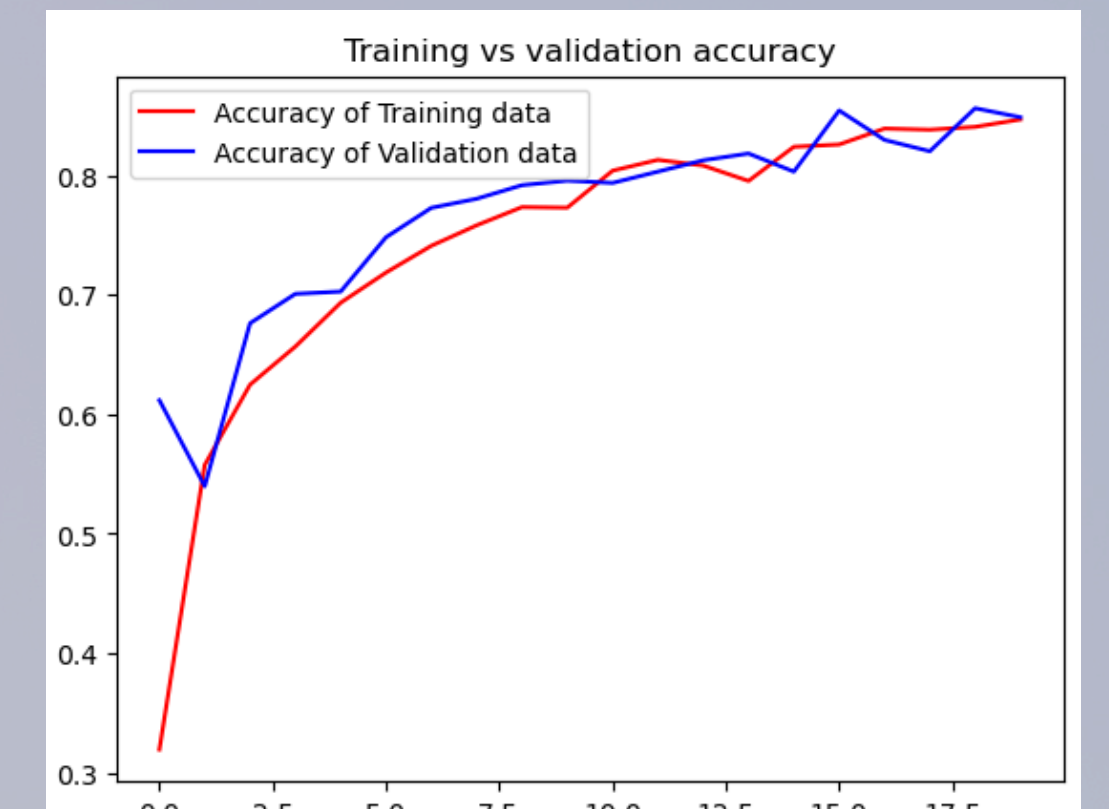


FINDING

Chat Benchmark



Dianose Benchmark



CONCLUSION

In this program, we can summarize the results of the program as follows. In the chatbot section, we took it from the TyphoonAPI, so we can choose the Parameter to get the best answer. TyphoonAPI has only one Parameter value for us to adjust, which is Temperature. We tried to take the answers from each Parameter and randomly ask 30 users. And got the answer that the temperature of 0.6 is the best value, with an average score of 8 out of 10. In addition, at 0.6, the response time of the chatbot will take the least time of 12 seconds. The next part is the disease diagnosis. We found 10 images of each disease from Google. And tried to diagnose it through our program. The accuracy of the program is as follows: Rice blast disease is 90 percent accurate; Brown spot disease is 80 percent accurate, Narrow brown spot disease is 70 percent, and Bacterial Leaf Blight disease is 70 percent. The accuracy in the form of rice without disease is 100 percent accurate.

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