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5-1 Milestone Three: Input With Buttons Lab

1. Running the transmit function in a separate thread helps make sure that the program remains responsive, allowing the button press to be detected without blocking the main execution.
2. This allows every other state to start from a well-known state. Thus, making sure two signals don’t overlap.
3. Serial communication could allow a user to send new messages from a computer or another device, updating the activeMessage variable that way.
4. The display could either print the debug messages or print the current state of the machine to make it easier to debug with.