Project 2 summary

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For our second-phase project, we chose Home Assistant, a home automation platform, for its clean codebase, excellent documentation, and active community. To contribute, we had to learn tools like Docker for setup, as well as coding standards like PEP8, PEP 257 and also Pytest for testing and Pylint for code analysis to ensuring quality in our work.

I studied the platform's architecture, focusing on components like the event bus and state machine, which helped me navigate the project effectively. I worked on resolving an issue involving duplicate JSON logs, refining the relevant code and submitting a pull request. However, after discussing it with a member of the integration team, I learned that my changes conflicted with their intended behavior. I am now revising the code to address their feedback and will submit another pull request soon. Issue