Customer in Mind

for

Hug the Rail IoT

Version 1.0

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In order to inform the conductor in the best and safest way our team created a simply to use GUI. The GUI provides feedback and live suggestions of when to change speeds, brake, or use the horn. Our team also used colors to our advantage as outputting a message in red or yellow helps the conductor quickly process the situation. The goal in the creation of the GUI was to reduce the amount of time consuming labor needed to be done during transportation. No longer will the conductor have to be manually checking the speed or watching for obstacles as the system does all of these for you. The conductor will only need to understand how to operate the GUI and to watch closely and wait for suggestions or error messages. Our team also made it of great importance to make sure all of the situations that might occur during transportation are covered. We carefully planned what features needed to be implemented and how to do so in the most effective way possible. In the end, our team was able to create a very useful tool specifically designed for the customer.