



IOT HTR: CUSTOMER IN MIND

Team 8: TheLittleEngineersThatCould

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To start, we will ask for the conductor's ID and the name of the company he or she works for to make sure that they are not redistributing our product for profit. If they truly are an interested customer, we will provide a User Guide to the conductor upon purchase so that we can examine together the functions our software is capable of. If necessary, we can schedule a meeting with the client to test out the program and troubleshoot any technical difficulties. We try not to intimidate the customers with clustered and lengthy paragraphs. So to create a much less daunting experience, we do our best to include pictures with captions.

After time, there will be changes in the software. At this time, we believe our code is very optimal when it comes to time consumption and data consumption. We have implemented a way for the user to download the data so it is easier to read in a matter of seconds. There will be updates to advance how the world works and increase the accessibility of new trains and become adaptable to the different inputs and outputs. We can also implement some customizable settings for each conductor to tailor to their needs, like a day and night mode for the interface to ease strain on the eyes, zoom option for those with vision impairments, and movable and resizable interface elements. With this, the customer can ease their eyes to our user interface, and increase usability through workflow optimization. This sort of customizable front-end will already fit well in our software architecture as there is an existing user management system with logins for each conductor. In this way, we can associate the necessary settings with each user and save them in a database along with their username and password, that way each conductor will not need to make the same changes each time they login.