Ben Nachmanson

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Project 4 Design Document

1. Requirements Document.
2. Overview

We will learn how to connect a Bluetooth module to our launchpad to send and receive messages.

1. Function description

The launchpad will be connected to a Bluetooth module. First a decimal number will be sent from the user to the device and then returned as a string. Then second a decimal value will be sent from the user and then that value will be returned divided by 1000 with cm attached.

1. Deliverables

There will be a Bluetooth module that will be able to communicate with a computer and relay messages. There will also be this document.

1. Discussions.

There was no delay necessary for this project. The most difficult aspect of this project was figuring out how to do part c. Manipulating strings in c is much more difficult than doing it in C++. Another difficult aspect was understanding how the ports worked.

Diagram

Description automatically generated