The test plan below is for the track model of the train system on the team BitsPlease. The purpose of this document is to show testing plans for the track model for the model. Here we will identify information of our software that should be tested.

What will we test?

* Data Integrity Test
  + Verify that the correct track file is opened.
* Test Track Class file functions
  + Creating the track
  + Getting accurate block info.
    - Maximum speed, elevation, speed, direction, size, grade, whether or not it is a branch, station.
  + Identifying a broken rail, broken train detection circuit, or power failure
  + Detecting a train on a block
  + Checking the temperature of the track and adjusting it if required

How will we test?