Test Cases:

Purpose: Ensure that the track controller gui will update when new track data is available

Purpose: Ensure that the track controller GUI will change when the button is pressed

Purpose: Ensure that the CTC office can properly change how switches work in order to set the trains route

Purpose: Ensure that the PLC works properly by testing its response to

1. Failed Track
2. Railroad Crossings
3. Lights
4. Occupation
5. Explicit Instructions

Purpose: Ensure CTC office can update a blocks speed limit and/or authority

Purpose: Ensure that controller can detect track failure

Purpose: Ensure that controller can update track model