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Planning Document

Our goals for the testing portion will be to test the collision with the target, the calculation of the path for the missile, the asking of questions, the checking of answers to questions, and the loading of the configuration files. We want the collision test to show that if the missile is within the bounds of the target that it will correctly be registered. The calculation of the path for the missile should show that given an angle, we can correctly get the path it should take. This is the biggest portion of the testing and should comprise the majority of our tests. The asking and answer questions should ensure that we correctly asks the random questions from a list and checks that they are correct. Finally we need to correctly load the configuration files and throw errors if they are not formatted right.

For the development portion, we view the major aspects to be all the portions that we are testing for, drawing the target, person, and missile, allowing the user to switch between possible images for the target, person, and missile, and the creation of the control panel. In part 1 we aim the get all the testing portion working, as well as creating the control panel. In part 2 we aim to get all of the portions drawn and allow the user to switch between targets, missiles, and people.