

## AST PROJECT ASSIGNMENT#02

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### TEAM MEMBERS-

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### NOTES & COMMENTS-

The code and the corresponding test cases have been updated according to the specified requirements.

The code follows the **SOLID** principle of "**OPEN FOR MODIFICATIONS BUT CLOSED FOR CHANGES**" to a certain extent. We have added the given sensor data and had to modify the logic for comparison of data slightly. The test cases also had to be modified so as to robustly check the functioning of the code.

One drawback of the code is that in order to remove any one modality we will have to alter the definition of our "comparison" function by changing the number of parameters being passed.

Test Case #	Functionality being Tested
1	check for the standard data from sensors
2	check for different itemLabel
3	check for anomalous itemType classification
4	check for empty list of objects
5	check for different case of itemType