**I used the Open-Closed principle (OCP)**

**I used this pattern because in the past code was interconnected in the main and CruiseControl, and this is a bad thing in the design stage, because if we wanted to add a new type, we had to change it in main and CruiseControl, and for it to be better, I did DigitalLogicHorizonTypes, which includes all the classes and helps if we wanted to. To add a new type other than the existing four, we just have to create it and inherit it from DigitalLogicHorizonTypes, and this will make the process more easier and each part is additive and replaceable.**

**REUSABLE AND MODIFIABLE**

**Text

Description automatically generated**