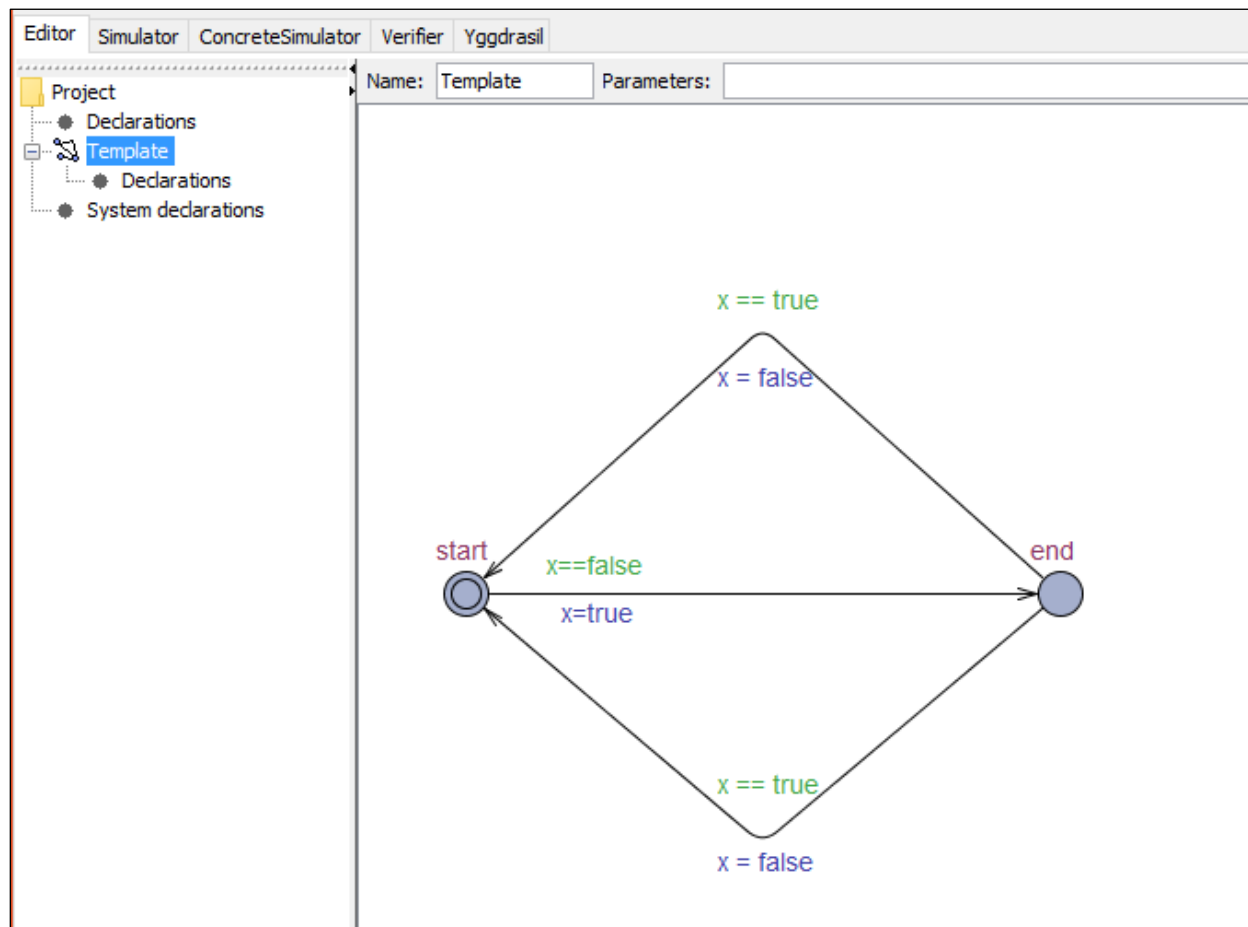
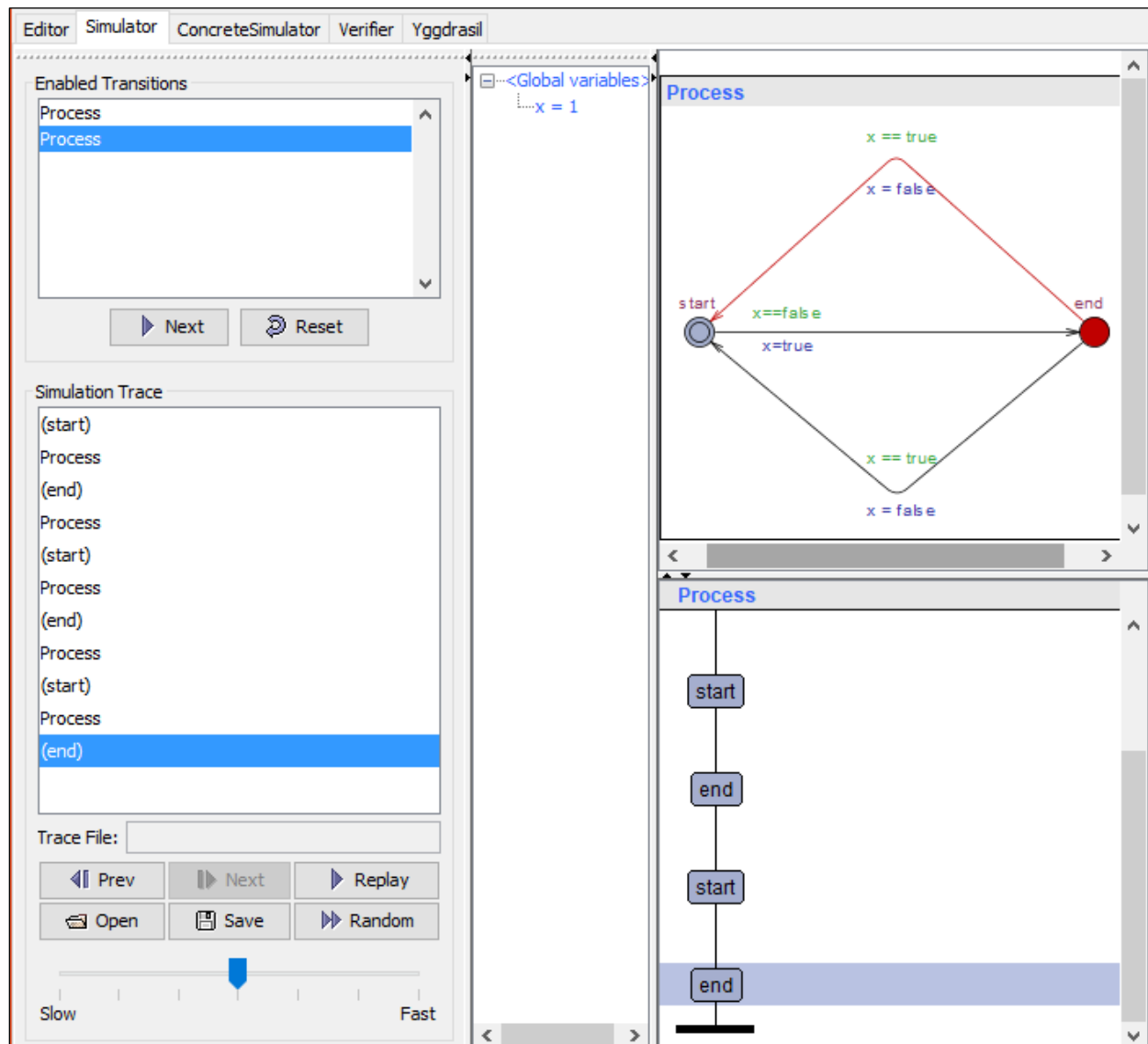


From the model, the value of x is initialized to 0, which means that initially, the value of x is false. When the process start, x is false, therefore update value of x to true and the process will come to an end. From the model, if x is true, update the value of x to false. It has 2 same edges with the same guard and update information, so it can go to any of the edges.

Editor View



Simulator View

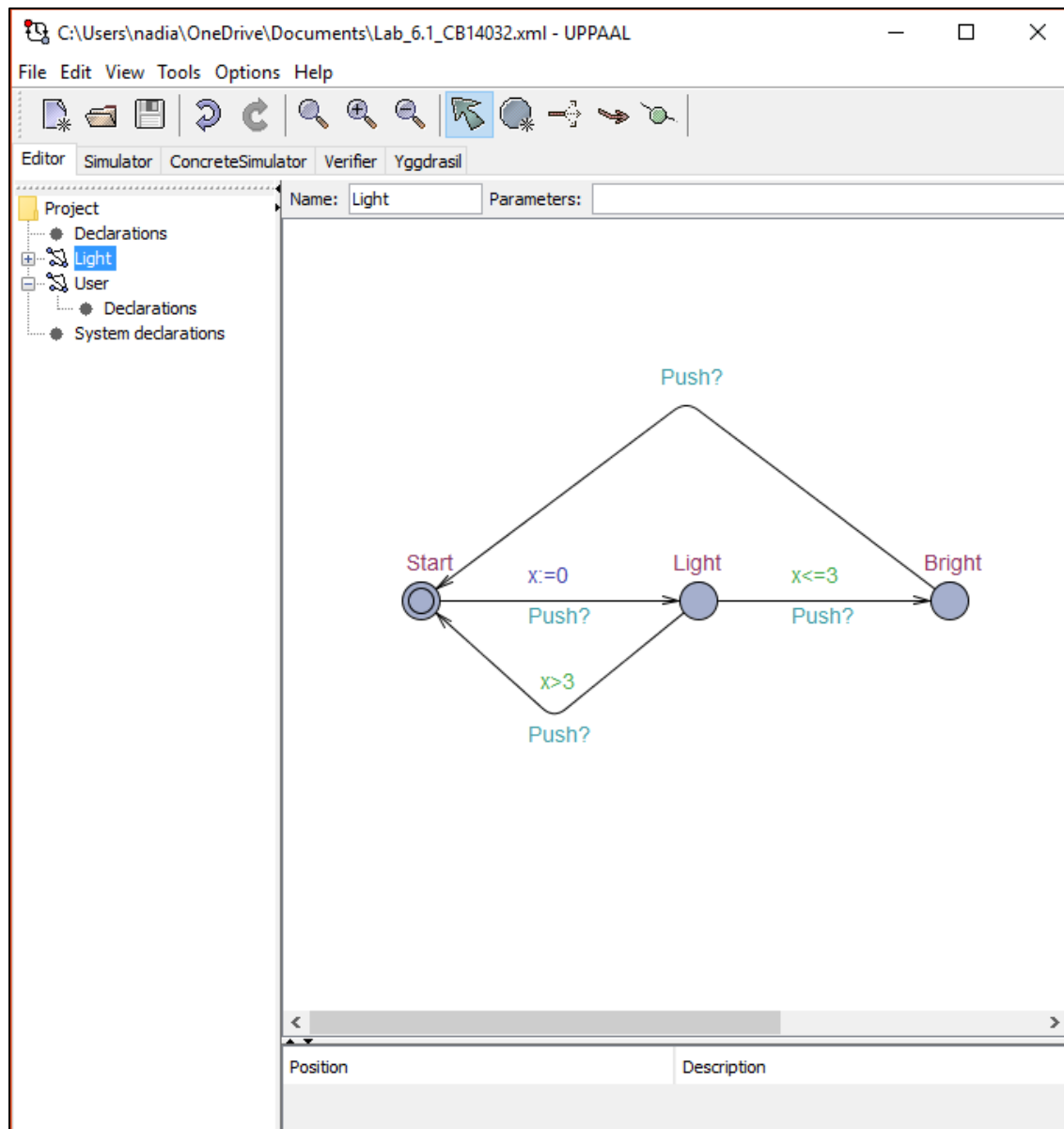


Develop the Model of Intelligent Light Control System

The temporal property of $A[] (x \geq 0)$, is used to check that the value of x is larger and equal to 0.

The temporal property of $A[]$ not deadlock, is used to check that the system is free of deadlock.

Editor View



Simulator View

