**Answer – Account**

This version really only has 2 states.

Note that all 4 self-transitions are shown on the same arrow. This is a limitation of the CASE tool used to prepare the solution, it is NOT meant to be correct UML.



Answer – Tennis Scorer

One of the interesting aspects of this answer is the use of nested states to simplify the effects of the reset button. Without the un-named enclosing state you would expect to have to show transitions from each of the 25 sub-states.



Microwave

