| a | bake |
b	broil
c	clear
d	down
h	hour
l	light
m	minute
n	on
o	off
s	start
t	temp
u	up
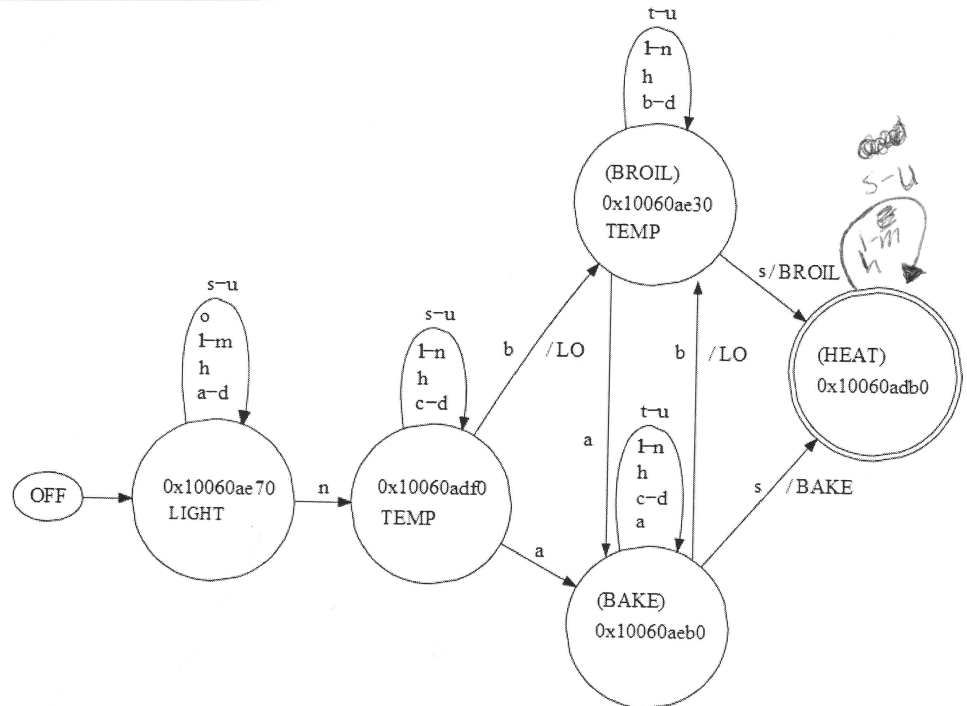
Description of above:

This is the overall diagram of the over Dr. Vose described in class. I will describe what is happening in this diagram and will go in depth on the ones below. This diagram starts in the OFF position, which means that that the only thing that can be turned on is the light. When the ON button is pushed, you have the option to either push BAKE or BROIL. If BAKE is chosen then you will choose the TEMP and push START. If you push BROIL then you will start out in LO BROIL until you press BROIL again which will make it HIGH.
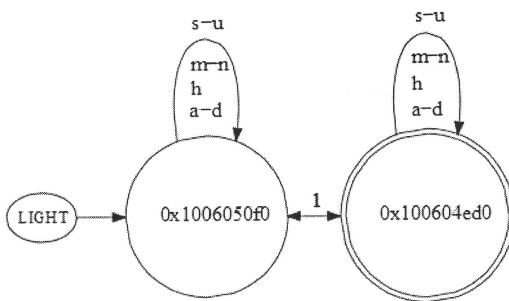

This diagram shows what happens when the light is switched on and off. Assume the light starts off. When LIGHT is pressed, this turns on the light in the oven. Pushing any other option during this time will not affect the light in any way. When pressing the LIGHT button again, the light will turn off.
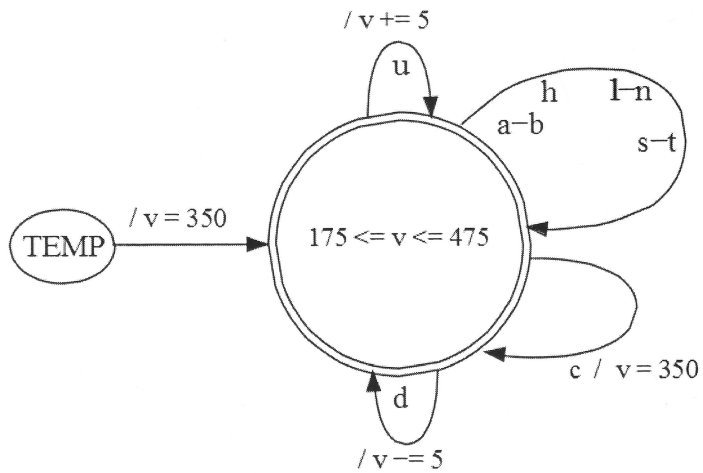
When the TEMP button is pushed the temperature on the oven will default to 350° but will not start to heat up until START is pressed. When the UP button is pressed, the current temp will increase by 5° per press, up to 475°. When the DOWN button is pushed, the current temp will decrease by 5° per press, down to 175°. When the clear button is pressed, it will change the temperature back to default, 350°.
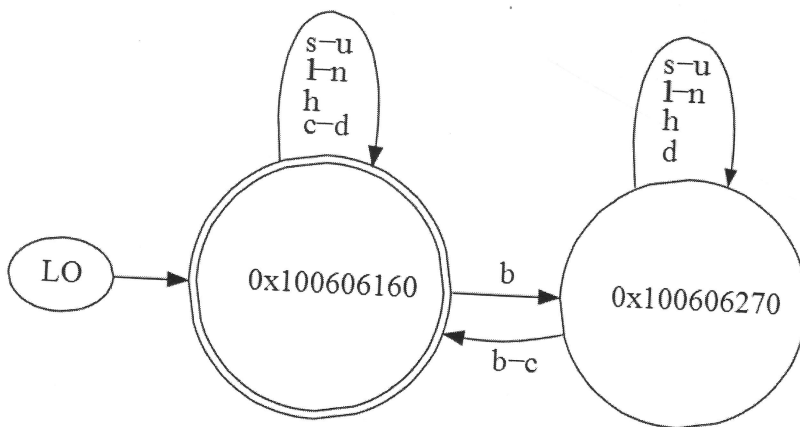
When the BROIL button is pressed, the oven goes into a Lo Broil mode. If the broil button is pressed again then is changes the state to a High Broil. If CLEAR or BROIL is pushed while in High Broil mode then the state will change back to Lo Broil. While in BROIL, if the BAKE button is pushed the oven will change to the Bake mode.

Jason Derrick
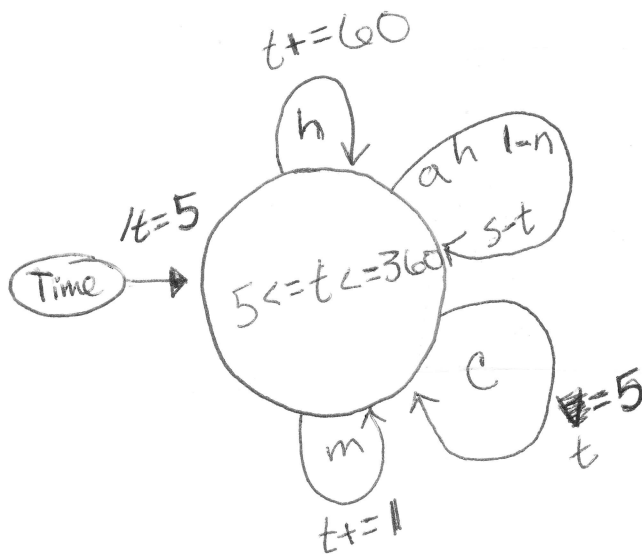
When the MINUTE or HOUR buttons are pushed for the first time, the timer is defaulted to 5 minutes. When the HOUR button is pressed it adds 60 minutes and when the MINUTE button is pushed it adds 1 minute. If clear is pushed at any time the time will reset to 5 minutes.

When the OFF button is pressed at any time during while using the oven then the oven will clear all settings and turn off.