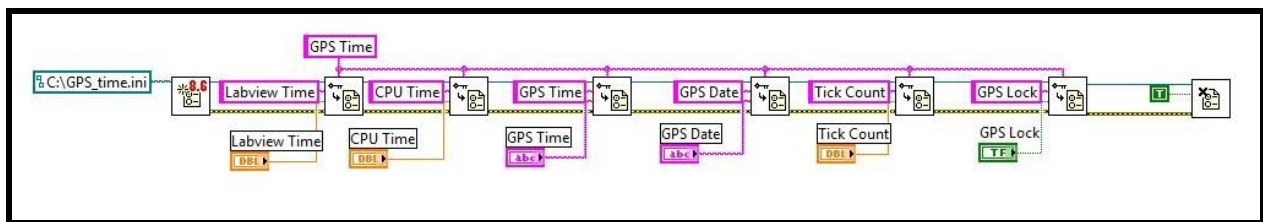


41 VI Config File Write GPS Time is used to write various values to the keys in the image above (Labview Time, CPU Time, GPS Time, GPS Date, Tick Count, GPS Lock). Each key is a part of configuration data GPS Time. Once each key has a value, the data is written to the file GPS_time.ini and closed.



ATTENTION: Make sure that input formats are consistent. (GPS Time is HR:MIN:S.MS, GPS Date is MM/DD/YY, etc.)

The VI starts by receiving the configuration file path and creates a reference number that maps to said path. Each value associated with the Front Panel Input from the user is recorded to each key in GPS Time. Any errors found are also recorded. Once each key obtains a value, the values are written to the file mapped by the reference number and closes the reference to the file. The file GPS_time.ini is now ready to be read from other VI's in order to determine the GPS location and time synchronization.