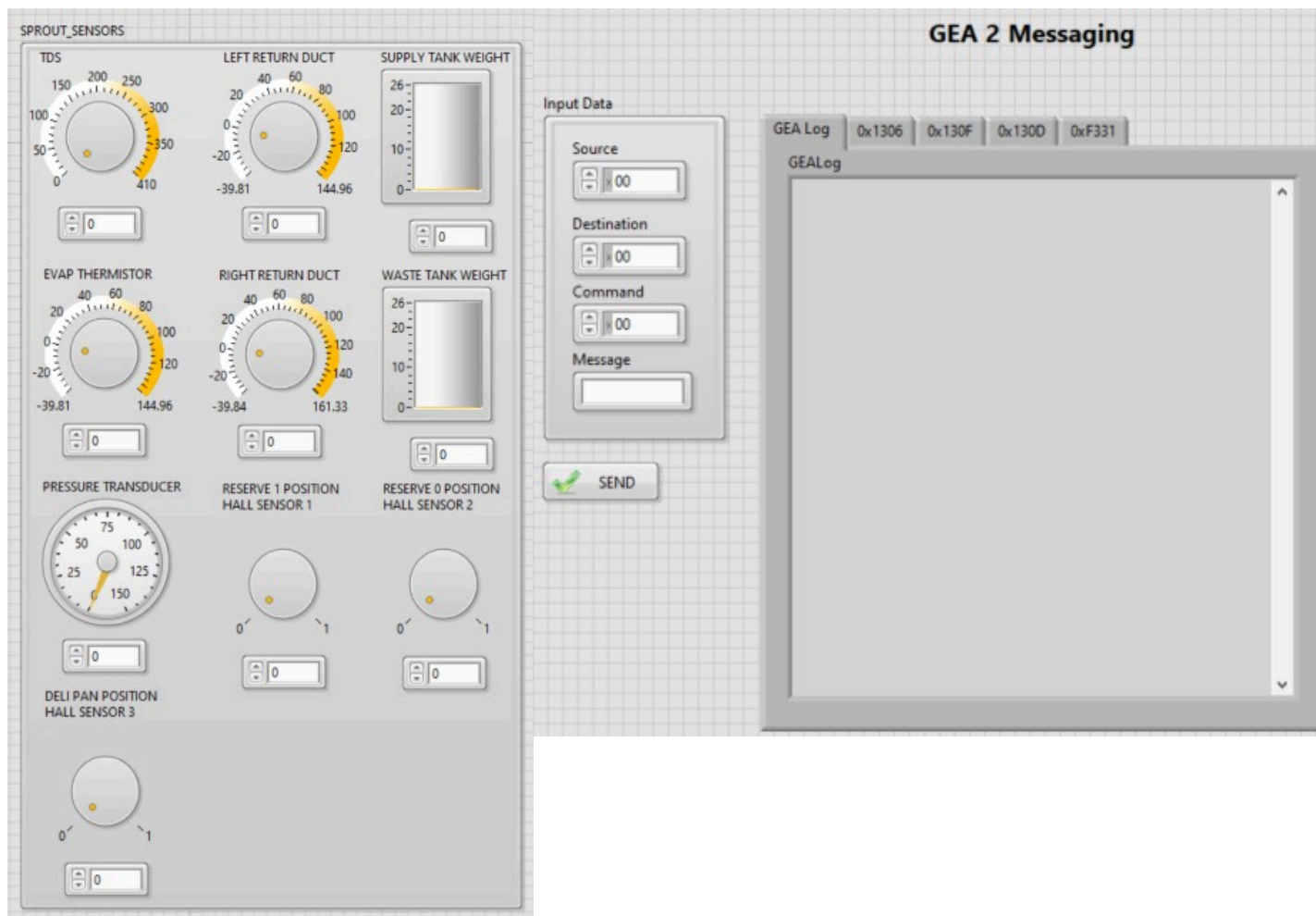


The source code developed in LabVIEW performs the following main tasks:

- Read req
Read response
Write req
Write response

```
{ raw = 4992, mapped = -3994 }, -- offset = 78,  
{ raw = 6976, mapped = -3147 }, -- offset = 78,  
{ raw = 9344, mapped = -2245 }, -- offset = 78,  
{ raw = 12096, mapped = -1343 }, -- offset = 78,  
{ raw = 15168, mapped = -475 }, -- offset = 78,  
{ raw = 18688, mapped = 405 }, -- offset = 78,  
{ raw = 22272, mapped = 1231 }, -- offset = 78,  
{ raw = 26048, mapped = 2056 }, -- offset = 78,  
{ raw = 29952, mapped = 2893 }, -- offset = 78,  
{ raw = 33792, mapped = 3723 }, -- offset = 78,  
{ raw = 37632, mapped = 4585 }, -- offset = 78,  
{ raw = 41280, mapped = 5458 }, -- offset = 78,
```



THIS IS NOT THE ACTUAL DEVELOPED APPLICATION, IT'S JUST AN INITIAL DEVELOPED SAMPLE OF A SW ARCHITECTURE AND FRAMEWORK FOR SIMULATION OF SOME OF THE SENSORS



, 10 bit raw = 0
 , 10 bit raw = 31
 , 10 bit raw = 68
 8, 10 bit raw = 111
 , 10 bit raw = 159
 10 bit raw = 214
 }, 10 bit raw = 270
 }, 10 bit raw = 329
 }, 10 bit raw = 390
 }, 10 bit raw = 450
 }, 10 bit raw = 510
 , 10 bit raw = 567

- Sample Thermistor lookup table

-Used concept of Interpolation in source code
 to determine the closest possible value of Analog output voltage between two temperature points, in relation to the
 sensor value set by the user from UI

