Suggested tasks for follow-on groups:

* Create a database of detected signals to consolidate analysis results.
* Translate the analysis scripts from MATLAB to python or C++.
  + Look into creating custom GNU Radio blocks either with the C++ API or by using gr\_modtool to create GNU Radio Companion blocks.
* Determine a more efficient means of modulation determination, such as K-Means Clustering or envelope characteristics [1].
* Add additional modulation type testing or come up with different signal characteristics.
* Determine if this system can be made into a live system that waits for signals to be detected and analyzes those signals without stopping its detection process.
* Implement filtering to ensure collected signal recordings are only the signal of interest.

[1] Y. Chan, L. Gadbois and P. Yansouni, "Identification of the modulation type of a signal," ICASSP '85. IEEE International Conference on Acoustics, Speech, and Signal Processing, 1985, pp. 838-841.