**The Classification Genius**

After the meeting on March 3, 2016 about Classification Genius (CG) modeling approaches the following were agreed as initial structure of the algorithm:

1. Preprocessing/modeling using available data:

* Clustering symptoms in set of groups (Hierarchical) using dissimilarity measures.
* Scoring collected P-C-I using their frequency etc.
* Ranking P-C-I.

1. Preprocessing/comparing query with symptoms

* Scoring clusters using the average of dissimilarity/similarity between symptoms in that cluster and the query.
* Implementing the effect of the numbers of symptoms in each cluster and the uncertainty related to each cluster score.

1. Selecting the highest ranked P-C-I from the selected cluster.