Per Sikora och Tomas Snäckerström coordinates

1. Uploading data
   1. Automatic uploads (cron, trigger)
   2. Parsing of data from instruments – jsons, xmls
   3. Define for paths to sequencing data
   4. Metadata Sanity Check
   5. Latest version check
   6. Hook for running Petagene compression
   7. Hook for pulling info from LIMS (separate singularity?)
   8. Include GET command to pull data from lake (w metadata search)
   9. Check format on different instruments and ensure compability
      1. IonTorrent
      2. MiSeq
      3. NextSeq
      4. NovaSeq
2. Secondary analysis
   1. GET from the lake into cluster
   2. Automate launch analysis (MRSA)
      1. QC
      2. Map/VC
      3. Singularity
      4. Output run varibles into lake
      5. Pipeline result into lake
3. Tertiary Analysis
   1. Clustering
   2. Linking to historic data?
4. Visualisation of analysed data
   1. Web interface connected to lake
5. What metadata
   1. For folkan
   2. For smittskydd/kmik
   3. Document for raw data metadata tags (which ones to index first, which ones most relevant)
6. GitWiki Documentation