{ Wavelets + OpenCV + Imaging Mathematics + Tensor Flow [ML] Using : Haskell + HOL-Isabelle/Haskabelle + Antlr + JikesRVM [RVM] + LLVM w.r.t Medical Imaging [DICOM/MRI Scans] based on RaspberryPI + BoschXDK-IoT + Zerynth-IoT + HPC Heterogeneous Systems -> A Short Technical Note }

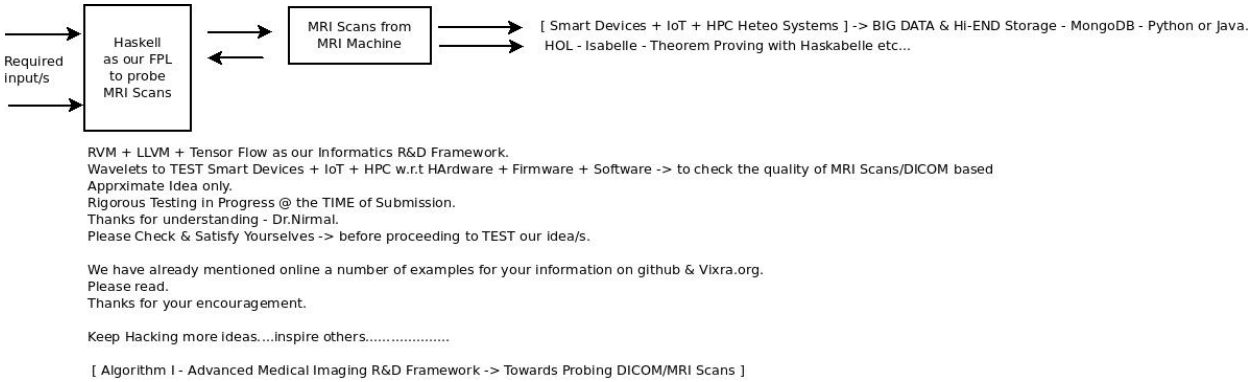
[Exploring & Highlighting : LLVM & RVM & ML & Functional Programming Languages & HOL Theorem Proving Aspects]

Nirmal - Informatics R&D Collaborator - USA/UK/Germany/Italy/Israel/Jordan/BRICS Group of Nations.
Current Member - ante INST UTD Dallas TX USA.
Contact_info - hmfg2014@gmail.com

[I] Main Idea + Inspiration + Introduction :

[a] https://github.com/tejdnk-2019-ShortNotes

[II] R&D Informatics Framework :



[Figure I - Algorithm I]

[III] Useful + Important References :

[a] https://isabelle.in.tum.de/website-Isabelle2009/haskabelle.html

[b] https://www.cronburg.com/2018/antlr-haskell-project/

[c] https://www.volkerschatz.com/science/haswavelet.html

[d] https://hackage.haskell.org/package/HOpenCV && https://opencv.org/opencv-4-5-4/

[e] https://wiki.haskell.org/Raspberry_Pi && https://www.zerynth.com/

[f] https://bosch-iot-suite.com/tutorials/xdk-cloud-connectivity/

[g] https://www.iot-lab.info/ && [h] https://wiki.haskell.org/AI && https://mmhaskell.com/machine-learning

[i] https://www.reddit.com/r/haskell/comments/10nast/is_haskell_a_good_language_to_develop_artificial/

[j] https://www.jikesrvm.org/ - **RVM -> Research Virtual Machine - an excellent platform to TEST challenging ideas.**

[IV] Acknowledgment/s:

Sincere Thanks to all WHO made this happen in my LIFE.Non-Profit R&D.Inspire others always.

[V] Conclusion/s + Future Perspectives :

Promising & Interesting Approach -> Using : AI + JVM/RVM + LLVM + FPL + Theorem Proving w.r.t Advanced Medical Images Processing.

[THE END]