EE/CprE/SE 491 WEEKLY REPORT 4
October 21, 2019 – November 3, 2019

Group number: 37
Project title: Open-Source Prototyping of Advanced Wireless Systems for Smart Agriculture and Connected Rural Communities

Client &/Advisor: Hongwei Zhang, Matthias Sander-Frigau

Team Members/Role: Zequn Wang – Meeting Scribe
Dylan Sharp – Meeting Facilitator
Jiawei Deng – Chief Engineer
Zhenwei Su – Report Manager
Shaohang Hu – Test Engineer

o **Weekly Summary**
After understanding other two algorithms, most people went back to PRKS from detailed concept, exclusive region.

o **Past week accomplishments**
  - Continued digging into PRKS – Jiawei, Zequn
    - Exclusive region
    - Reception train
  - Understand ONAMA – Dylan
    - Basic use
    - parameter
  - Understand pktRT – Zhenwei
    - Defined the parameters and algorithms of pktRT
  - QEMU - Shaohang
    - Finish build the kernel image. Start working on pseudo code.

o **Pending issues**
  - Still confused about exclusive region and we will ask questions with the advisor

o **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS cumulative
Zequn Wang	PRKS Parameter Defining and Linux WIFI System parameter	11	44
Dylan Sharp	ONAMA Understanding	12	44
Shaohang Hu	QEMU and OpenWrt	10	43
Zhenwei Su	PktRT understanding	11	43
Jiawei Deng	PRKS understanding	10	45

o **Comments and extended discussion**
N/A

o **Plans for the upcoming week**
- Continue to further understand PRKS – Jiawei, Zequn, Zhenwei, Dylan, Shaohang
  - Time slot
  - Link reliability
- Continue to work on pseudo code – Jiawei, Zequn, Zhenwei, Dylan, Shaohang