

Team sdmay22-30

Project Title: 5G-and-beyond HW & SW

Date: 9/29/2021

Members:

Nick Garrelts

Connor Kesterson

Johnathan Leisinger

Josh Guyer

Ruofeng Gao

Raffael Neuser

Joshua Naber

What we've accomplished in the past week/what we've been researching

Nick Garrelts- Constraint, Engineering Requirements doc, part A team contract, developing roadmap

Connor Kesterson - Requirements and constraints document, part A of team contract, researching more on 5G and hardware we are using

Johnathan Leisinger - Requirements and constraints, part A of team contract, researching on srsRAN

Josh Guyer- Requirements and constraints assignment, part A of team contract, continued research of 5G systems and ARA

Joshua Naber- part A of team contract, researched more on 5G specifically Open Air Interface and srsRAN.

Raffael Neuser - POWDER wireless project setup, srsRAN and 5G NR research

Ruofeng Gao- part A of team contract, learn about wireless 5G project, 5G Glossary of terms

What we're planning to do in the coming week

Nick Garrelts- Create a plan for deliverables to focus our research parameters

Connor Kesterson - Continue research and help with creating a roadmap for the future.

Johnathan Leisinger - Continue to research and assist with roadmap

Josh Guyer- Work with the professor and TA to figure out next steps for the project

Joshua Naber- Continue to research on 5G and try to work with the TA to figure out how to complete our first task of hardware integration

Raffael Neuser - Keep researching 5G, set up development environments on my computer

Ruofeng Gao- Keep working on 5G technology research, and work with teammate for next step

Issues we had in the previous week

Nick Garrelts- Finding time to meet as a group and coming up with ideas to define our project

Connor Kesterson - Finding time to meet as a whole group

Johnathan Leisinger - Finding meeting times that work for everyone and defining our project's requirements

Josh Guyer- Finding a reliable meeting time that will work for everyone

Joshua Naber- Creating an agenda to following during advisor meetings

Raffael Neuser - Very loose project tasks, hard to know what exactly we are moving towards

Ruofeng Gao- I think 5G technology really needs an EE knowledge background, but i don't have enough experience about EE.