1. How to port a driver:

* Read and understand hardware manual and also the updated of each module in driver that we’re porting
* Base on HW: List the new updated of each modules. And the affection of the updated to not only source code but also specification of each modules
* Try to modifying source code or adding new variable, function, macro to correct with new updated of register description.
* Specially pay attention in updated about the relation of bits in registers in Usages Notes which may cause of the remove or addition of some function
* Create UT to cover all test case of function and IT to test the related of function in another modules.
* Updated new spec to follow with new source code: (changing or adding arguments, variable, data member.

1. Experience after joining project:

* Read and understand Hardware manual: Know the function of each register; finding the difference of each modules and compare it…
* Create the sequence diagram to have knowledge about the function of each modules in driver and the related between functions in modules.
* Knowledge to practice with QAC tools to test coding rules and codding styles following MISRA\_C and feedback of mentor
* Learning knowledge to setup environment for V3 board: base on guideline to flash the images to eagle board.
* Practice with V3M board: Run board and debug by using Trace32ICD arm 64 and teraterm.
* Review Specification and also review source code to analyze the effect of the changes to updated them
* Running test program and collect the result ( UT and IT)
* Create review minutes follow new standard of company 20170331.

1. Summary the limitation/ mistake