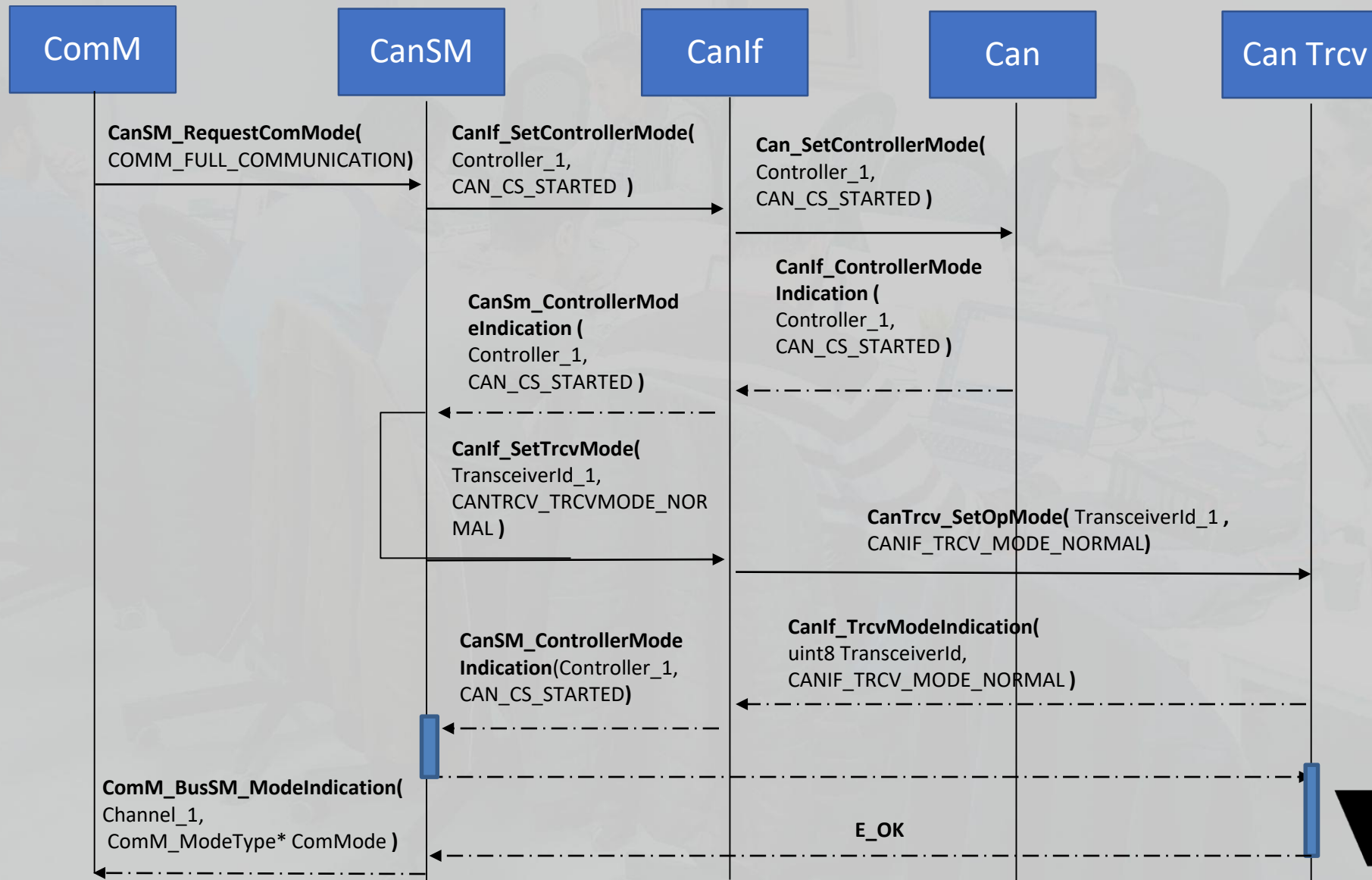# Exercise Requirements

- Write the sequence and timeline in the following slide the APIs called between the modules to start the communication for Tx and Rx

- Hint : Check the Sequence Diagrams for the modules in Autosar Specs and APIs descriptions

- This sequence is usually done during initialization and startup of the autosar

Exercise – Communication Startup Sequence

ComM   CanSM   CanIf   Can   Can Trcv

CanSM_RequestComMode(
COMM_FULL_COMMUNICATION**)**

CanIf_SetControllerMode(
Controller_1,
CAN_CS_STARTED **)**

Can_SetControllerMode(
Controller_1,
CAN_CS_STARTED **)**

CanIf_ControllerMode
Indication (
Controller_1,
CAN_CS_STARTED **)**

CanSm_ControllerMod
eIndication (
Controller_1,
CAN_CS_STARTED **)**

CanIf_SetTrcvMode(
TransceiverId_1,
CANTRCV_TRCVMODE_NOR
MAL **)**

CanTrcv_SetOpMode(TransceiverId_1 ,
CANIF_TRCV_MODE_NORMAL**)**

CanSM_ControllerMode
Indication(Controller_1,
CAN_CS_STARTED**)**

CanIf_TrcvModeIndication(
uint8 TransceiverId,
CANIF_TRCV_MODE_NORMAL **)**

ComM_BusSM_ModeIndication(
Channel_1,
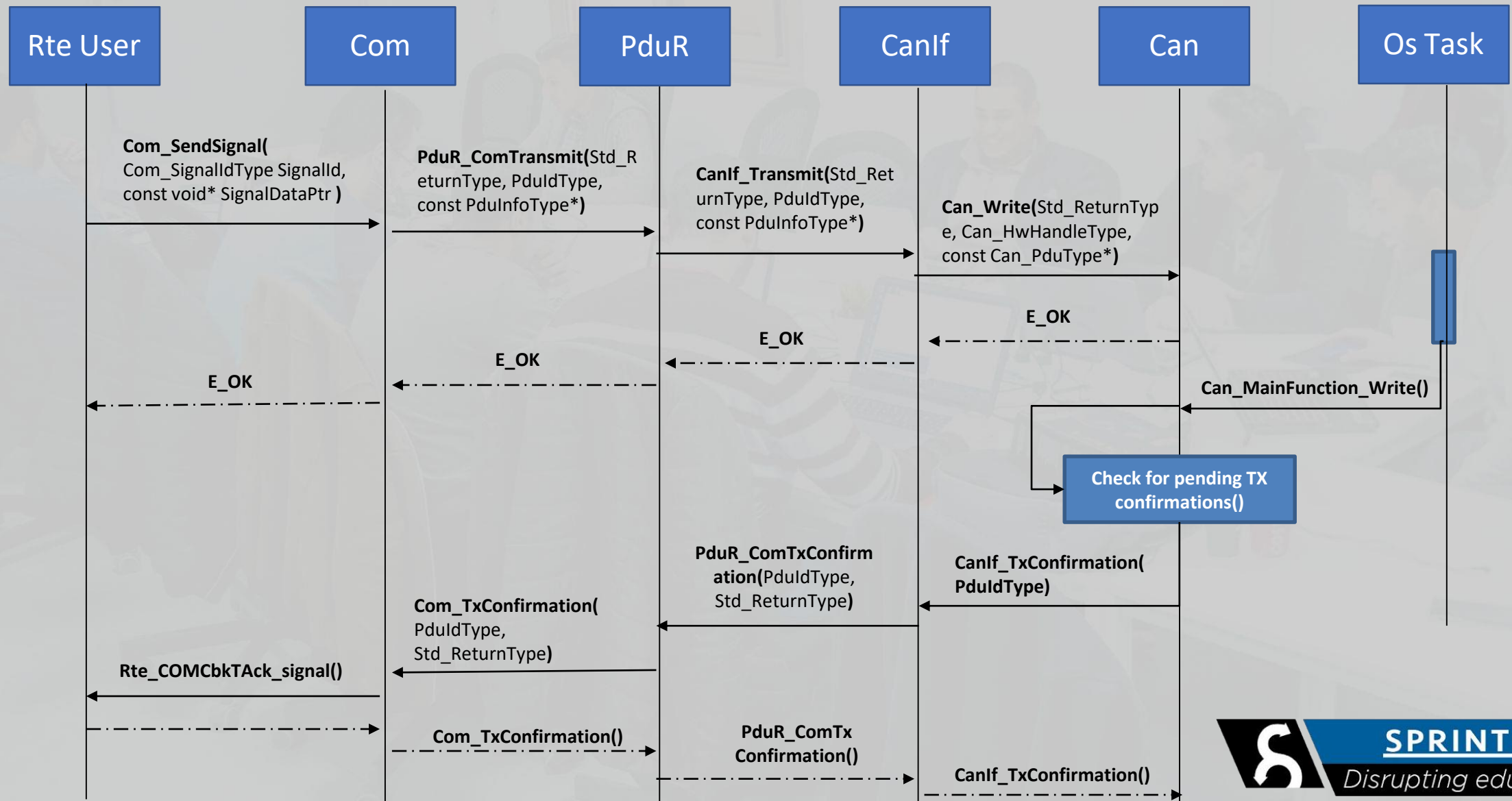 ComM_ModeType* ComMode **)**

E_OK

Exercise Requirements

- Write the sequence and timeline in the following slide the APIs called between the modules involved , to transmit pdus across the whole stack

- Write the sequence and timeline in the following slide the APIs called between the modules involved , to receive pdus across the whole stack

- Hint : Check the Sequence Diagrams for the modules in Autosar Specs and APIs descriptions

Exercise – Communication Tx Sequence

Exercise – Communication Rx Sequence