1. Make a project in "STM32CubeMX" for the scheme

2. Make a project in "System Workbench for STM32"

• voltage and current measurement

• reading the set number on switch S1. Setting this value as the maximum current consumption

• control of field-effect transistors when closing a button connected to x1

• turn off transistors when the output voltage from the range of 9-18V

• turn off transistors when the maximum current consumption is exceeded

• transistor control when receiving a command via CAN bus

• sending measured parameters via CAN bus, stub function without actual sending (without CAN protocol)