Lab 5 : Task based system

In this lab you will extend the numpad_driver and display_driver classes to run as tasks and communicate using a POSIX message queue. The test application must display any number pressed on the display. Make sure to refactor your code when it works and then send it to can@mmi.sdu.dk for evaluation.
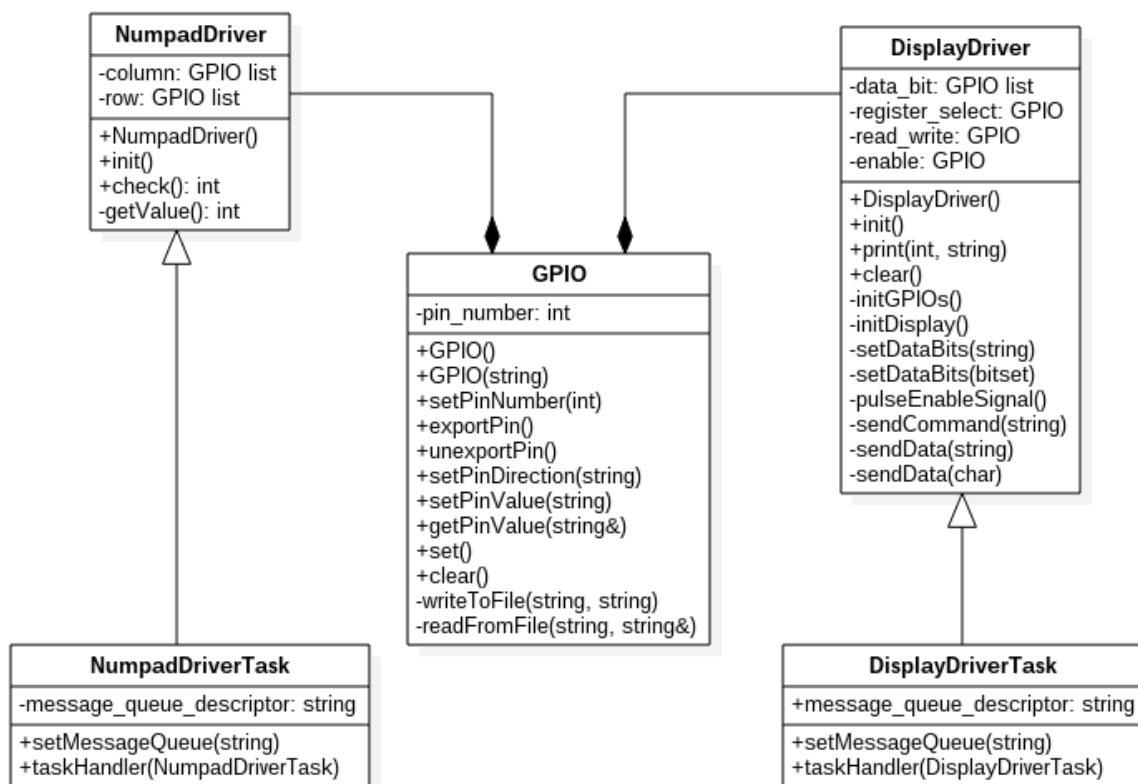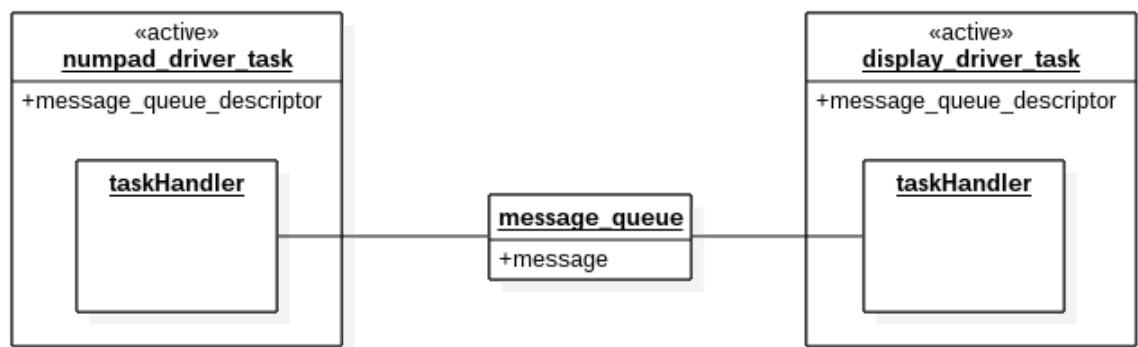

Figure 1 : The class diagram including the new subclasses

Figure 2 - Task diagram of the system