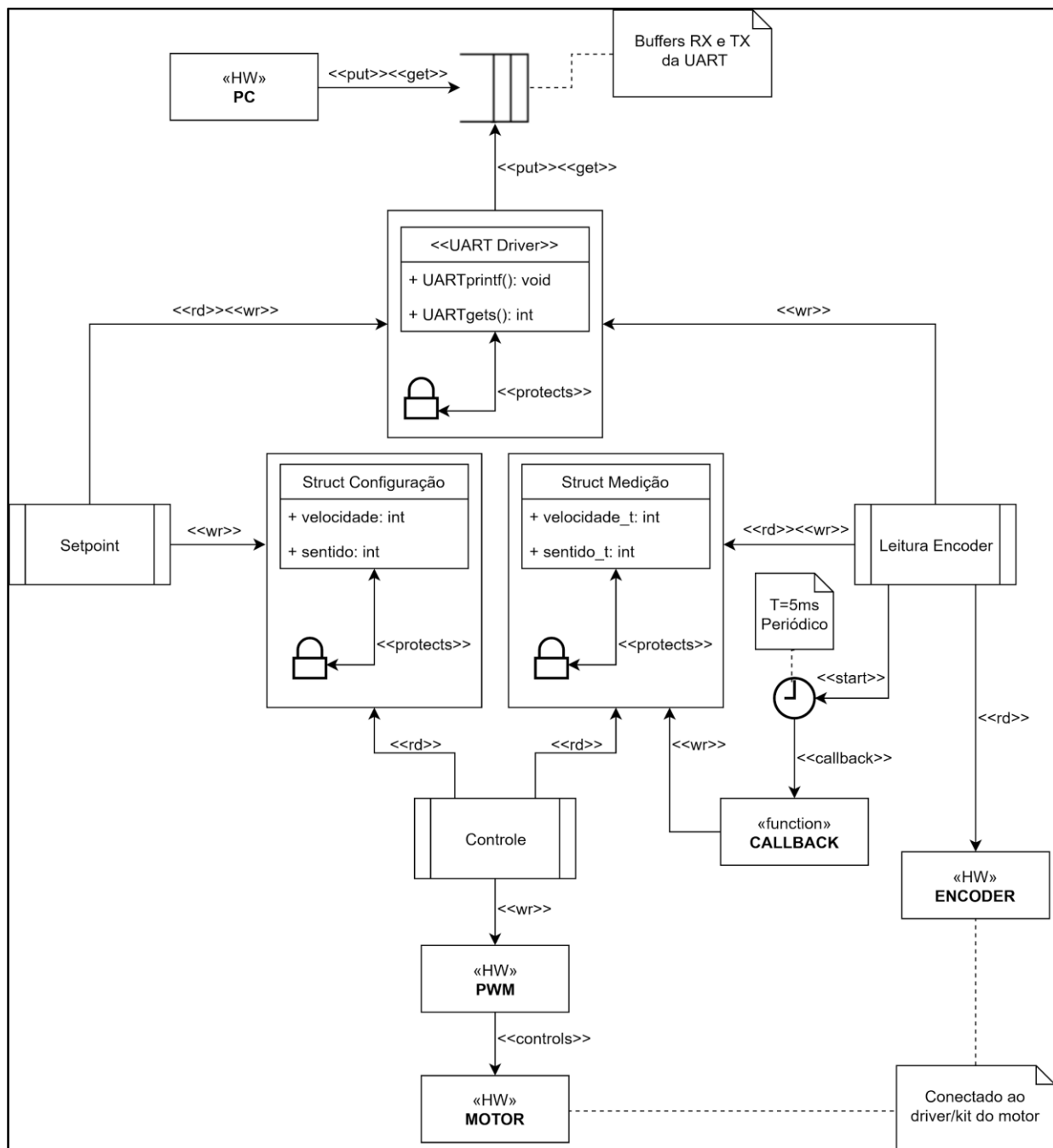


Sistemas Embarcados – Laboratório 3 – Entrega Parcial 2
Universidade Tecnológica Federal do Paraná

Adriano Ricardo de Abreu Gamba
Davi Wei Tokikawa

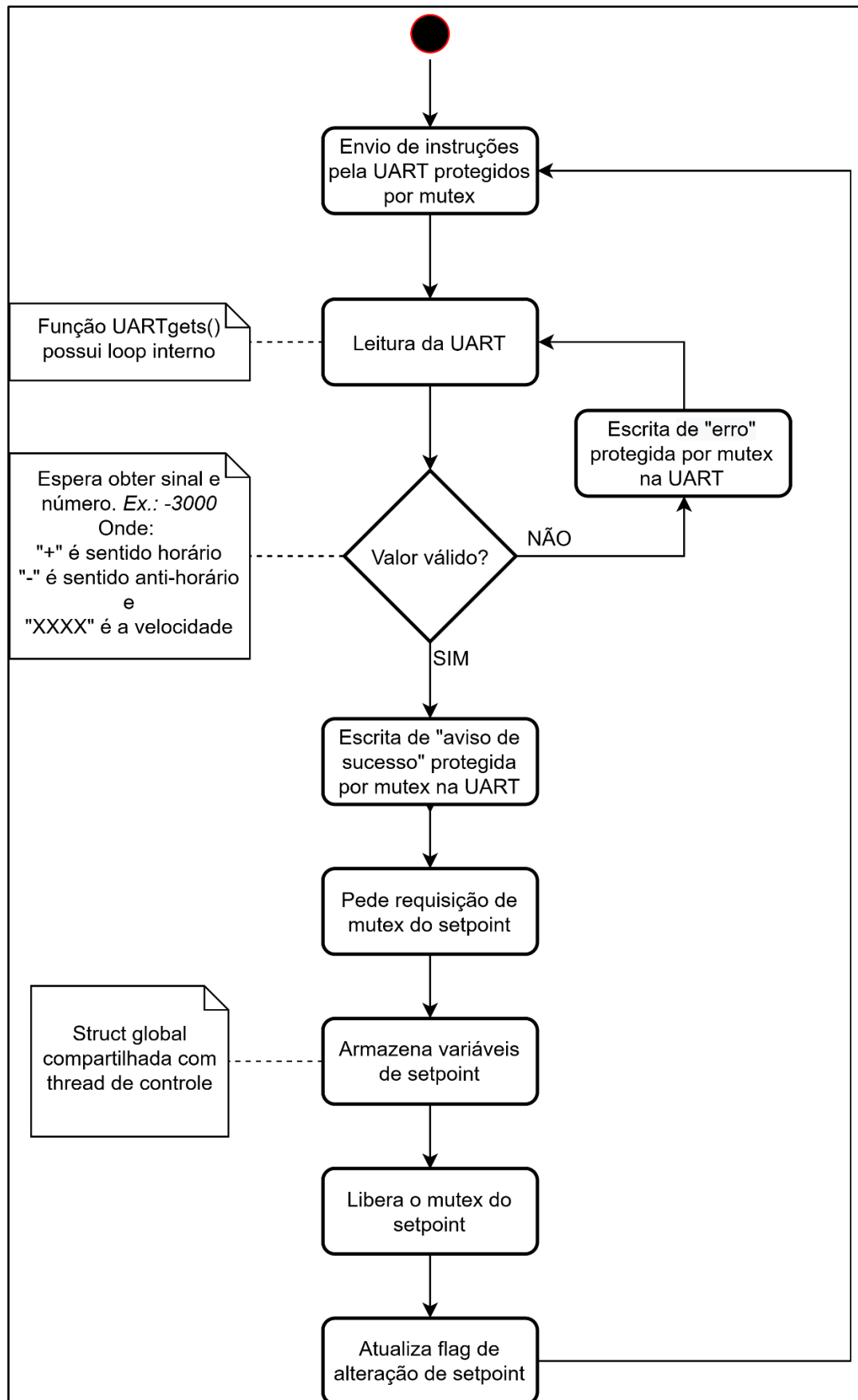
Controle de velocidade e sentido de rotação de um micromotor CC

1. Diagrama de Classes (Threads)

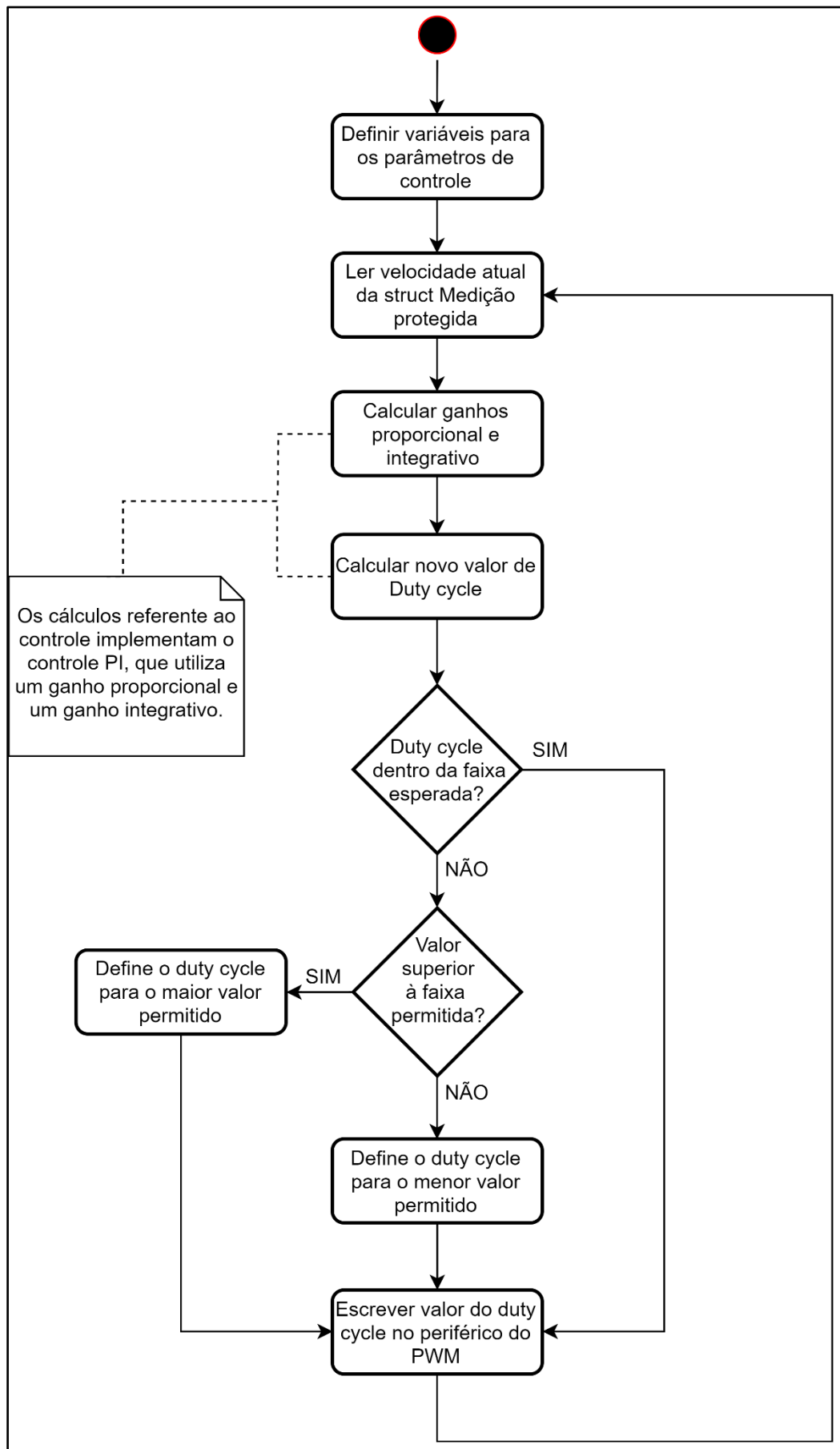


2. Diagramas de Atividade

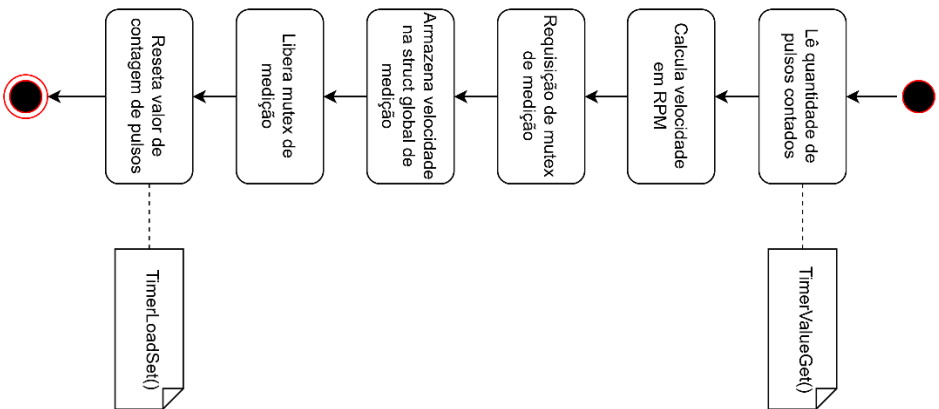
a. Thread do Setpoint



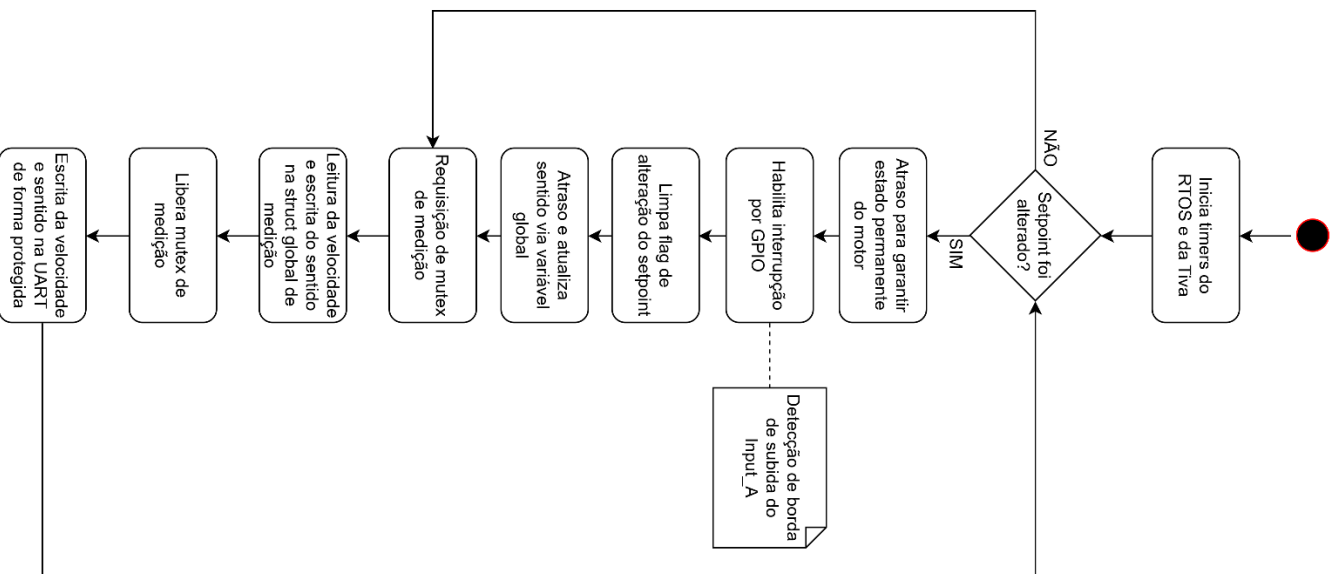
b. Thread do Controle



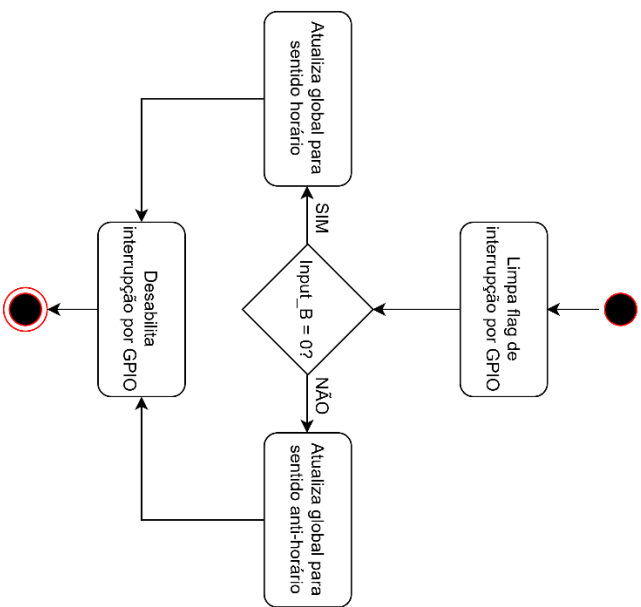
RTOS Timer - Callback



Thread do Encoder



Interrupção do GPIO



c. Leitura do Encoder