Modules you could implement for this lab include, but are limited to, the following:

- External modules used as sensors, system inputs, or system outputs

- Front-end software interfaces (android app, web server)

  - Direct memory access (Datasheet page 585)

  - Communication protocols, such as I2C (Datasheet page 997)

  - Pulse width modulation (Datasheet, page 1230)

  - Real-Time Operating System