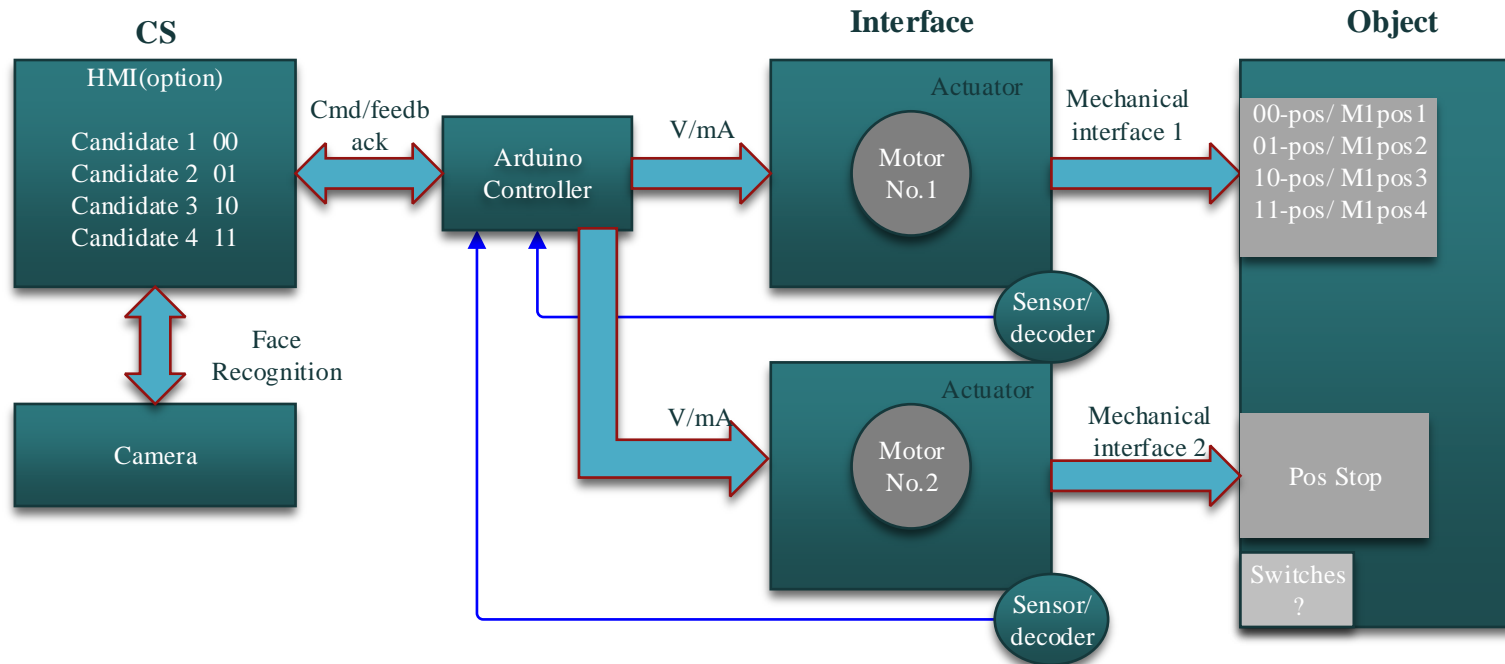


CONTROL LOOP ANALYSIS



Note

- Mechanical interface 1 and 2 needs to be clarified;
- Motor type selection and test needs to be checked against the object, 50W, possibility to test in the lab in advance?
- Motor decoder is attached and it could provide the motor position as a feedback to the controller; feedback signal needs to be verified, pulse decoding
- Motor drive signal from arduino needs to be checked
- Each candidate has one receipt so as to have sequenced control of motor 1 and motor 2.
- Option: HMI could be provided for debug and test so as to see the progress of the control loop including status of motor and object.
- Any more sensor from the object, e.g position limit etc?