



I-Hand

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Project Purpose

I-Hand is a robotic hand that can finish some tasks based on operator's mind under different situations

Team Organization

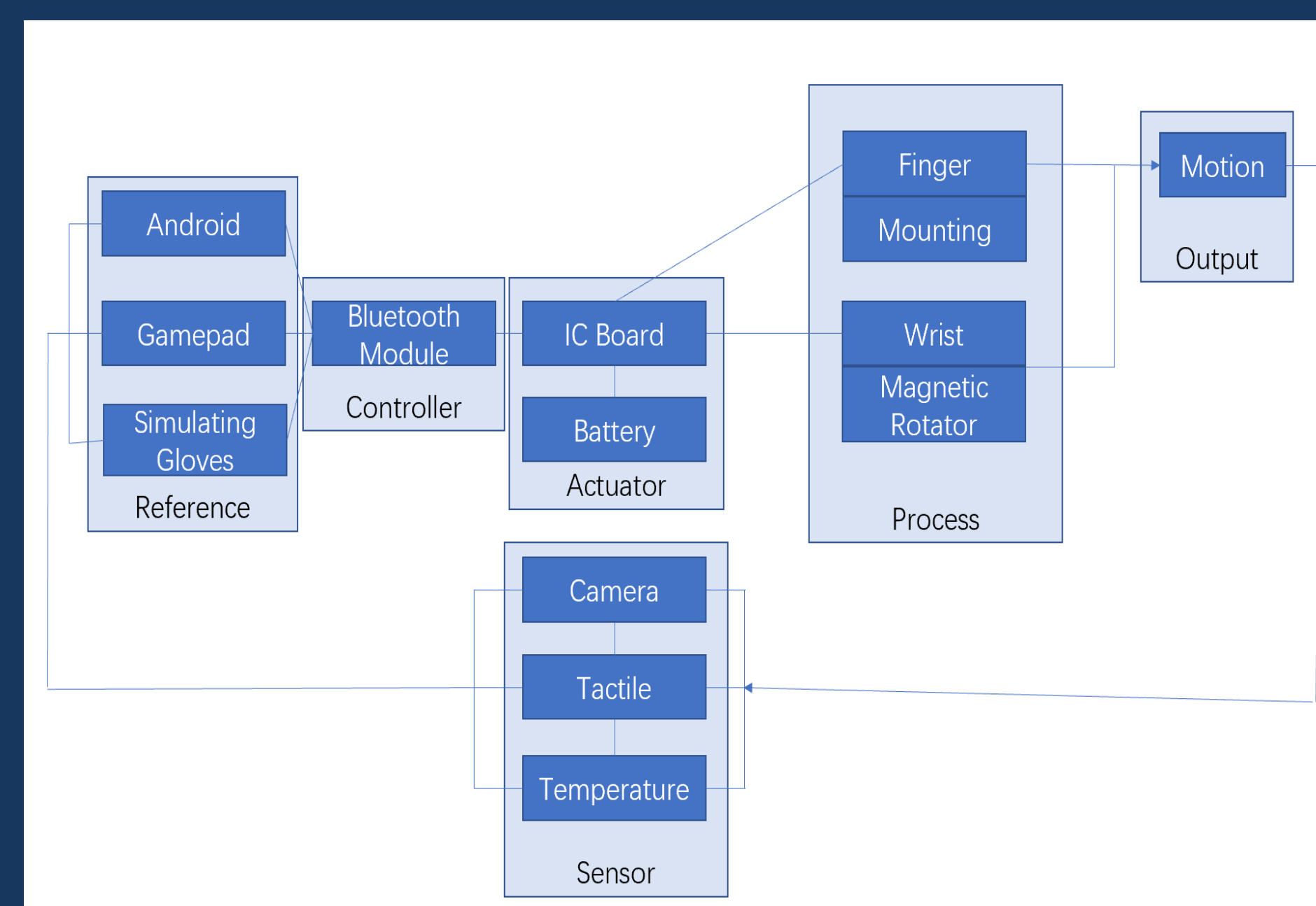


Future Work

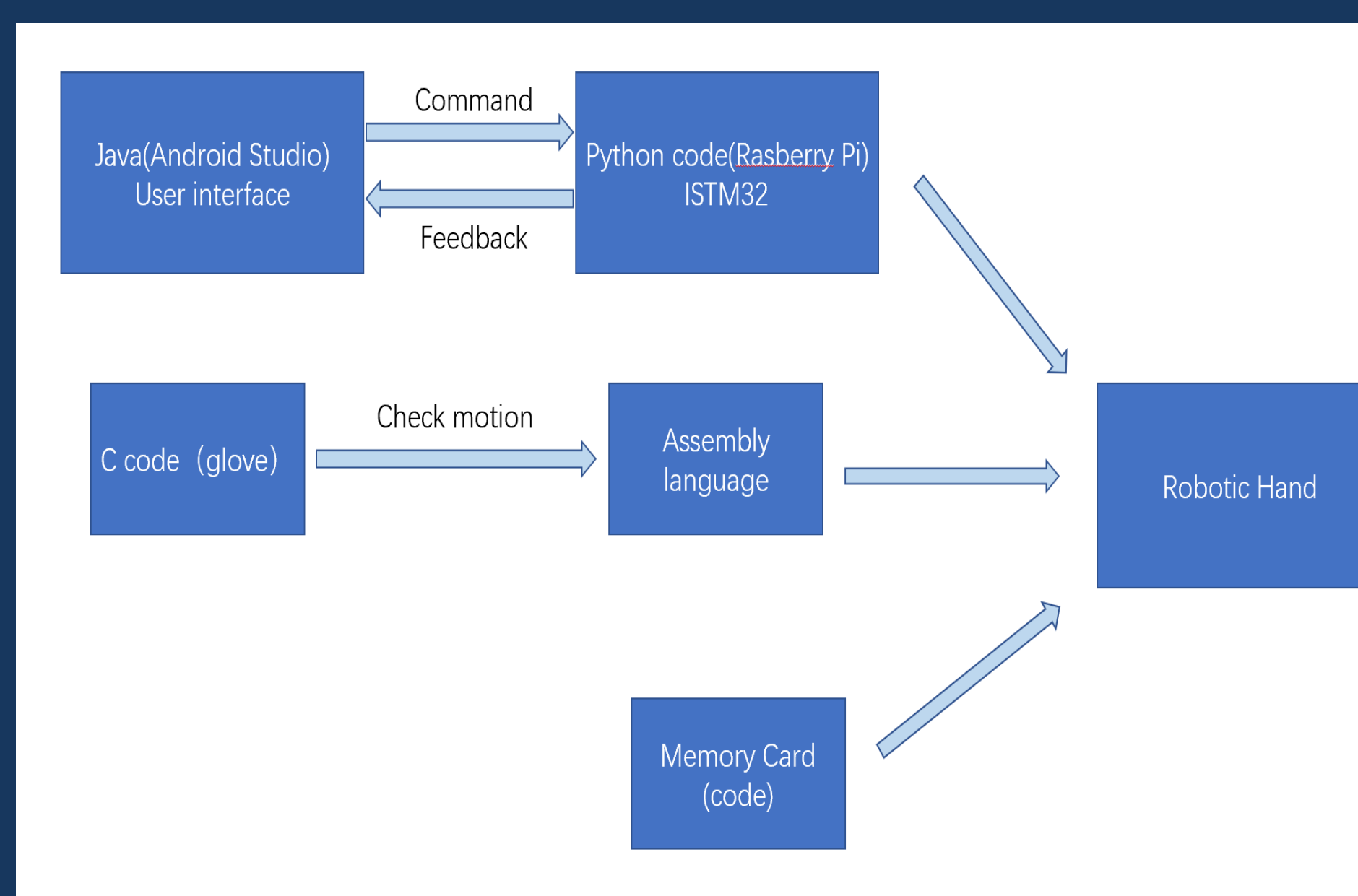
1. Complishment of construction of robotic hand.
2. finish of glove which is used to stimulate action of robotic hand assembly
3. voice control and overall hand control adjust

Approach

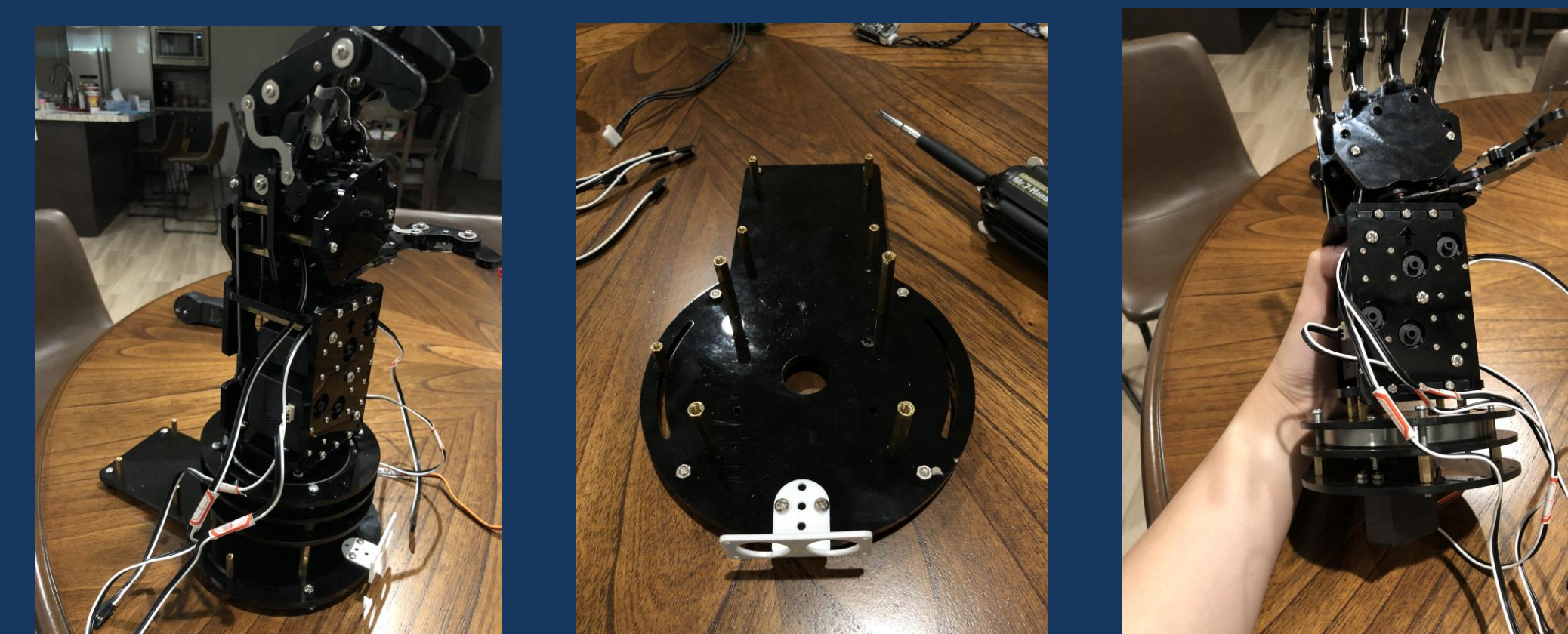
Hardware



Software



Progress



Currently, we have already built the main part of the hand. We construct six motors on the hand. For the software part, we've already finished building and designing the APP on android phone. As shows above, each block represents one joint of the hand. We use Bluetooth communication channel to control the hand.