QSAVI Project Timeline (from September 2018 – December 2018)

Electrical/ Mechanical executive & Computer executive: Haptic Glove

Week 3:

* Make more flex sensors (attach to glove)
* Buy more vibration motors
* Arduino (combing through the old git) and interfacing with the glove

Week 4:

* Verify vibration motors [operation]
* Finish Sewing
* Arduino (combing & new code writing) and interfacing

Week 5:

* Inputs/Outputs to computer team resolved
* Soft glove done 🡪 not calibrated

Week 6:

* Smoothen soft glove function
* Finalize design of Haptic Solution
* Design Power system (current source/sinks - actual electronics)

Week 7:

* Haptic Design (Guide, Band Material, Hand Design, Friction materials) Finalized
* Power system must be fully finalized and designed
* Final set of parts ordered (knuckles if anything)

Week 8:

* Construction
* Calibration
* Testing

Week 9:

* Construction
* Calibration
* Testing

Week 10:

* Flex-sensor built & tested on glove (ready for week 12)
* Testing complete for all haptics

Week 11:

Week 12:

* Soft Glove – Completely finished, takes position input, semi-rigid/structural outer glove for resistance
* Rudimentary haptic feedback
  + DC vibrationmotors (final scope)

Meeting Times: TBH