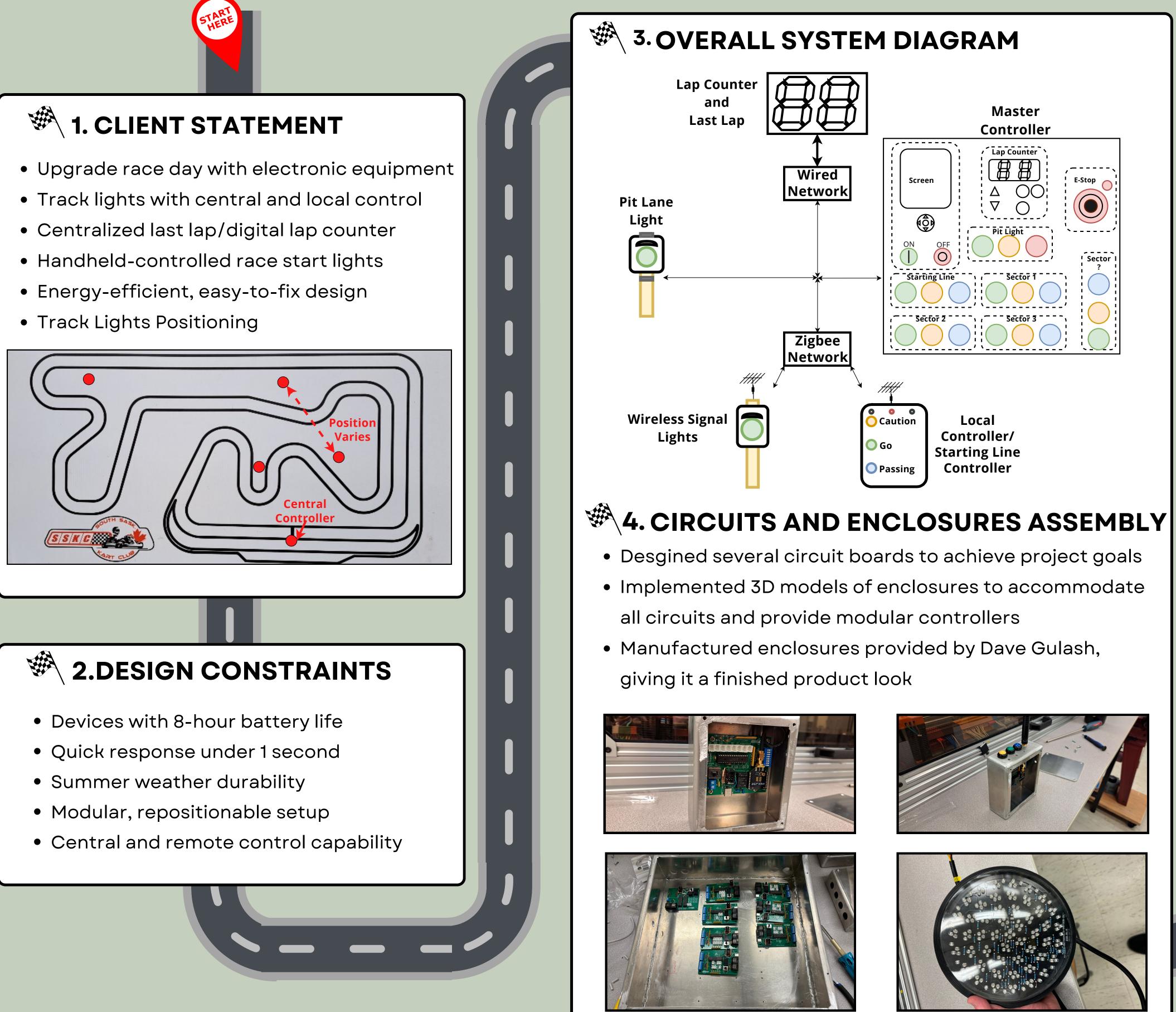
SSKC RACEWAY SIGNAL AND CONTROL SYSTEM SAMUEL REDDEKOP, MICHAEL KING, LUCAS CARBONE LEPSCH - LEI ZHANG (ADVISOR)





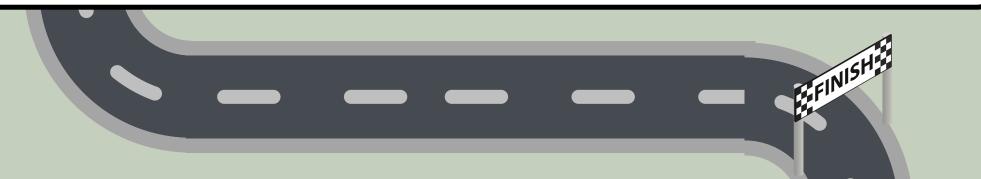






E 5. PROJECT RESULTS & OPERATION

- Starting Line Signals: Yellow = Hold, Green = Go
- Track Signals: Green = Clear, Yellow = Caution, Blue = Yield, Red = Stop
- Race Info: Digital display for mid-point, final lap, and lap count
- Communication: Radio effective up to 200m, delay meets specs.
- Data transfer ratio is around 99.9%





6.FINAL REMARKS & FUTURE EXPANSION

- Modernized control and signaling, low-power, quickresponse design
- Effective at minimum of 200m, weatherproof improvements underway
- Future improvements include a display for the audience, and a top 10 drivers timing tower

