

Meeting Minutes

10/7/2016

NEXT MEETING 10/21/2016

SBI Team

- Geeshnied Francois
- Woody Oralus
- Ulysses Foreman
- Dominic Eaton
- Dlandra Prioleau
- Kimberly Leandre
- Roberts Etumnu

- Future development/ deliverables
 - o Add user interface (touch screen)
- Collision Avoidance
 - o Current Goal:
 - Vehicle Avoidance
 - Re
 - o Future Goal
 - People/ Living creature avoidance
 - Inanimate object avoidance
 - Machine learning as germane to vehicular technology
 - Learn different objects and compile database and then share this database with other vehicles in communication cluster or overall communication network of vehicles.
 - Take into account GPS information such as traffic/ weather conditions/ recorded accidents (maybe outside of scope).
- Audio alert system
- Sensors could be an upgrade to base communication system
- Pennsylvania Professor communication idea (tedtalk)
 - o Drone communication
 - o Drone's could perform formations (circle/ box)
 - o Simultaneously communication
 - o Local communication and aware of each individual drone communication
 - o .5-mile radius for vehicle communication cluster.
 - o Unique identifier for vehicle
 - o Classify/ distinguish vehicles from other objects.
 - o System has vehicles on the road and the vehicles communicate within a local radius.
 - Nearfield technology
 - 360 strip of nearfield technology tape radius

- Relays to central system within the vehicle and is for aiding in vehicle localization.

- Collision details
 - Side collisions
 - Intersection collisions
 - Blind-spot collisions
 - Parking/still collisions
 - Front/ Back collisions
 - How to deal with the collisions

- SBI REPORT
 - A – future development
 - B – current goal
 - C – current goal
 - D – current goal
 - E – future goal
 - F – possible current goal (sensor for blind-spot) TABLED
 - G – not relevant
 - H – current goal– NO AUDIBLE COMMAND FROM USER
 - I – current goal
 - J – current goal
 - K – possible/current goal – retrofitting to vehicles with certain criteria ONLY
 - L – current goal
 - M – future goals
 - N – current goal
 - O – future goal
 - P – future goal