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| Sub System | Function Requirements | Constraints |
| Communication Backend | - Receive HTTP requests with data packets  - Process requests in short amount of time in order to not miss any incoming requests  - Display basic information from database | - Work on home PC via simple method (port forwarding) |
| GPS System | - Get GPS coordinates from satellites and relay information to microcontroller | - Be able to connect inside a car while moving |
| CAN Bus System | - Get CAN data from car’s CAN Bus on the OBDII port  - Decode data successfully and create data structure with relevant data | - Get required data (speed, ABS data, etc.) from car (2010 Toyota Matrix) |