



Sub System	Function Requirements	Constraints
Communication Backend	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - Work on home PC via simple method (port forwarding)
GPS System	<ul style="list-style-type: none"> - Get GPS coordinates from satellites and relay information to microcontroller 	<ul style="list-style-type: none"> - Be able to connect inside a car while moving
CAN Bus System	<ul style="list-style-type: none"> - Get CAN data from car's CAN Bus on the OBDII port - Decode data successfully and create data structure with relevant data 	<ul style="list-style-type: none"> - Get required data (speed, ABS data, etc.) from car (2010 Toyota Matrix)