**FTS Web Architecture and Helmet Computer Software Integration**

1. Setup of Linux OS on Linode share
2. Installation of Web Software on Linode share (LS)
   1. Apache Web Server
      1. PHP language installed and activated.
   2. WordPress Installation
      1. customization to create more homepage-like user experience while allowing for us to easily add or delete content on short notice
      2. Custom artwork, logos, effects, etc.. must be created and added to WP blog. This may well be a back-and-forth process with ill-defined time requirements.
3. mySQL Database installed and configured on Linode server (LS)
   1. mySQL database designed and diagrammed (Entity Relationship Diagram – ERD)
      1. Tables Needed (minimum)
         * Players (location, speed, acceleration, mass, height)
         * Users have the usual user attributes plus user privilege level: Guest(free), Fan, Fan Premium, Admin.
         * Teams (lists of players)
4. Firewall software
   1. Closed to everything from the outside except the one link to the public webserver and an SSH server for remote administration.