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Team 3: Ford

Team 3 Status Report (1 of 4)

- Client Contact
 - Conference call with clients on 1/14 to assess requirements and goals of project
 - Will meet 1/16 in person to further discuss project and to receive sensors
- Team Meetings
 - Triage meeting scheduled for Tuesdays at 5:20pm
 - Met Thursday 1/10 to discuss general concepts
- Team Organization
 - Austin/Colin: Application/database
 - Nathan/Devin: Instrumentation and software interface



Team 3 Status Report (2 of 4)

- · Server Systems / Software
 - Will run Debian Linux and Apache
 - Linux installation issue needs to be resolved
- Development Systems / Software
 - Sensor software requires Windows XP and Visual Studio 2005 and .NET Micro 2.0
 - Database will be developed using SQL/PHP

- Web

- Website is up to date with required information
- http://www.msu.edu/~crostyna/fomoco

– http://www.

Feam 3: Ford

Team 3 Status Report (3 of 4)

- Project Definition
 - Develop a way to identify how many times a vehicle is inspected by a potential buyer
 - Utilize sensors and construct a mesh network
 - Analyze sensor data and store it in a database
 - Create a web application to view the data from the database
- · Technical Specification Document
 - Sensor software interface written in C#
 - Data stored to a SQL database
 - Web application written in PHP
 - Automotive scoring system to be developed

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Team 3: Ford

Team 3 Status Report (4 of 4)

- Risks
 - Risk 1
 - Scalability adding more/different sensors, autos
 - Mitigation Assess potential growth during planning, keep design open and general
 - Risk 2
 - · Hardware Knowledge must learn Crossbow libraries
 - Mitigation Dedicate member to familiarize himself
- Risk 3
- Sensors are not ideal for the expected application
 Mitigation Acquire different sensors or simulate desired function.

4-16























































