



## Memo

| To:   | Dr. Scott   |
|-------|---|
| From: | Team L.E.G.I.T.   |
| CC:   | Daniel Eichenberger, Jeremy King, Christine Kuhlman, Nicholas Negrete |
| Date: | 11/1/2009   |
| Re:   | Selection Memo  |

Daniel Eichenberger: (520)404-8863 dfe2@nau.edu

Jeremy King: (480)907-4900 jmk1983@gmail.com

Christine Kuhlman: (602)882-1643 ck236@nau.edu

Nicholas Negrete: (520)275-5326 nicholas.negrete@gmail.com

- Strengths
  - o Technical background- Nick
  - o Mechanical ability- Daniel and Jeremy
  - o Technical writing- Christine
  - Programming- Daniel
  - Embedded systems- Nick
  - o Analog design- Christine and Jeremy
  - o PCB layout- Daniel
  - o Leadership and Team organization- Jeremy and Christine
- Weaknesses
  - o Getting sidetracked- this is highly possible
  - $\circ~$  Deadlines- have a tendency to wait to the last minute to finish things
- Workloads
  - o Daniel
    - This Semester: Minimal for school and family. Medium for work

- Next Semester: Minimal for work. Medium for school and family. Getting Married
- o Jeremy
  - This Semester: Minimal for work and family. Heavy for school.
  - Next Semester: Minimal for work, family and school.
- o Christine
  - This Semester: Minimal for work. Medium for school and family.
  - Next Semester: Minimal for work. Medium for school. Heavy for family.
- o Nick
- This Semester: Minimal for family. Medium for school and work.
- Next Semester: Minimal for school. Medium for work and family. Getting Married.
- Next Semester
  - Nick and Dan are both getting married.
  - o Christine has family obligations
- 1<sup>st</sup> choice
  - o Electric Blue Motors project
    - Why? This would be a continuation of our project from last year in EE386W.
      Our group already has prior knowledge of how this project is going to be set up.
    - Challenges? Implementation into a vehicle.
    - Weaknesses? Keeping the deadlines. However, we have already set up a calendar that we are putting deadlines into.
    - Advisor? Dr. Kipple as the main advisor and maybe Dr. Venkatraman as the technical advisor
- 2<sup>nd</sup> choice
  - $\circ~$  Wind Turbine
    - Why? Sounds interesting. Also, it is similar to our EE386W project.
    - Challenges? we would need to learn more about power systems.
    - Weaknesses? Keeping the deadlines. However, we have already set up a calendar that we are putting deadlines into.
    - Advisor? Dr. Kipple as the main advisor and maybe Dr. Venkatraman as the technical advisor
- 3<sup>rd</sup> choice
  - o Microchip
    - Why? Because we needed a third option
    - Challenges? Learning about microchips

- Weaknesses? Keeping the deadlines. However, we have already set up a calendar that we are putting deadlines into.
- Advisor? Dr. Kipple as the main advisor and maybe Dr. Venkatraman as the technical advisor