E-Racer

Kevin Arpin, Michael Marquis, Allison Meisner, Travis Ward

Client Contact:
Gregg and Laura McClement, Calgary, AB, Canada
E-Racer as of Week 11
Work Completed - Summary

• Testing
• PCB and schematic design
• Fine-tuning mechanical components
• Fix battery charger and add circuit breaker
Work Completed - Kevin

- Testing
- PCB design
- Schematic design
Work Completed - Michael

• Modified LA bracket to stabilize position sensor
• Modified seat attachment
• Sealed speed controller
• Applied thread locker
Work Completed - Allison

- Helped Kevin test brakes
- Helped Kevin test acceleration
- Helped with seat modifications
Work Completed - Travis

• Fixed Battery Charger With Relay and Diode
• Added Circuit Breaker
• Added Protective Wiring
• Assisted with Electronics
Future Work

- Kevin
  - Fix steering
  - Final testing
  - Order PCB
  - Package kart

- Michael
  - Assist with wiring and finish work
  - Work on owner’s manual and final report
Future Work

- Allison
  - Final testing
  - Work on owner’s manual and final report

- Travis
  - Install final wiring
  - Connect electrical components
  - Assist in final testing
## Schedule

<table>
<thead>
<tr>
<th>Task Name</th>
<th>Duration</th>
<th>Start</th>
<th>Finish</th>
<th>Resource Names</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Testing</td>
<td>3 days</td>
<td>Wed 4/16/08</td>
<td>Fri 4/18/08</td>
<td>All</td>
</tr>
<tr>
<td>Owner's Manual</td>
<td>6 days</td>
<td>Fri 4/18/08</td>
<td>Fri 4/25/08</td>
<td>All</td>
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<tr>
<td>Final Report</td>
<td>6 days</td>
<td>Fri 4/18/08</td>
<td>Fri 4/25/08</td>
<td>All</td>
</tr>
<tr>
<td>Order PCB</td>
<td>1 day</td>
<td>Wed 4/16/08</td>
<td>Wed 4/16/08</td>
<td>Kevin</td>
</tr>
<tr>
<td>Install PCB and speed cont</td>
<td>1 day</td>
<td>Mon 4/21/08</td>
<td>Mon 4/21/08</td>
<td>Travis</td>
</tr>
<tr>
<td>Install final wiring</td>
<td>1 day</td>
<td>Tue 4/22/08</td>
<td>Tue 4/22/08</td>
<td>Michael</td>
</tr>
<tr>
<td>Package cart for shipping</td>
<td>1 day</td>
<td>Mon 5/5/08</td>
<td>Mon 5/5/08</td>
<td>All</td>
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<tr>
<td>Fix braking system</td>
<td>1 day</td>
<td>Thu 4/17/08</td>
<td>Thu 4/17/08</td>
<td>Allie</td>
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<tr>
<td>Design day presentation</td>
<td>2 days</td>
<td>Wed 4/30/08</td>
<td>Thu 5/1/08</td>
<td>All</td>
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</tbody>
</table>
Hours Worked

- Allison: 14 hours
- Michael: 16 hours
- Kevin: 25 hours
- Travis: 25 hours
Questions, Comments, Concerns?