Team 11: Lazer-Ops

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The Team

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An Outline

• An Introduction
• Deliverables
• Design Decisions
• Major Hurdles
• Current Status
• Budget Update
• Questions
An Introduction
Deliverables

- Two Laser Guns
- Two Sensor Vests
- One Central Hub
- An Android Phone Application
Design Decisions

• Arduino vs PIC
• System controlled with one microcontroller
• Android vs. iPhone Application
• WiFly vs. PICtail Plus
Major Hurdles

- Central Hub Power Supply
- Wi-Fi Communication
- Fire Rate Invincibility
- Gun Enclosure
Current Status - Gun/Vest
Current Status - Central Hub/Android
# Budget Update

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<tr>
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<th>Preliminary Budget</th>
<th>Amount Spent</th>
<th>Difference</th>
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</thead>
<tbody>
<tr>
<td>Central Hub</td>
<td>$128.00</td>
<td>$125.84</td>
<td>$2.16</td>
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<tr>
<td>Sensor Vest / Laser Gun</td>
<td>$233.00</td>
<td>$241.01</td>
<td>$(8.01)</td>
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<td><strong>Total Budget</strong></td>
<td><strong>$400.00</strong></td>
<td><strong>$366.85</strong></td>
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Questions?