**ELEC 4000 Senior Design Status Report – Page 1 of 2**

|  |  |
| --- | --- |
| Project Name: | Inside the Egg Shell Egg Beater |
| Team #, Members: | Team 1, George Washington, Andrew Jackson, Benjamin Franklin |
| Report Date: | July 4, 1776 |
| Project Description: | A device that can scramble eggs without having to crack them into a bowl. |
| Cycle (1, or 2): | Cycle 1 |
| Cycle Intent: | Construct a simple prototype using toothpicks and a drill driver that can scramble an egg without cracking it open. |

**TASKS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Planned |  |  | Actual |  |
| Task # | Task Description (Add rows as needed) | Cycle planned for completion | Total planned hours | Planned hours this cycle | Status (% complete) | Actual hours this cycle | Total hours |
| 1 | Team management2 | 2 | 60 | 30 | 8.33% | 5 | 5 |
| 2 | IR land control method | 1 | 120 | 120 | 20% | 50 | 50 |
| 3 | IR camera implementation | 1 | 40 | 40 | 40% | 16 | 16 |
| 4 | Ground Station control method | 1 | 40 | 40 | 30% | 13 | 13 |
| 5 | Landing station | 2 | 20 | 10 | 2% | 1 | 1 |
| 6 | Reports | 2 | 180 | 80 | 3% | 5 | 5 |
| 7 | Marketing display | 2 | 40 | 0 | 0% | 0 | 0 |
| 8 | Integration of components | 1 | 100 | 100 | 0% | 0 | 0 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  | **Planned Total1** | 600 | 420 | **Actual Total** | 90 | 90 |

1Planned Total should equal (# of team members) x (10 hrs. per week) x (Cycle 1 weeks 6) + Cycle 2 weeks (6) = 12 weeks).

2Assumes 5 hours per week for 12 weeks. Should be mainly team leader(s).

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**TEAM MEMBER HOURS**

**Record # of hours each person spent on each task this week, then total by week, cycle, and project.**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | **Task3** |  |  |  |  |  | **Total Hours** |  |
| **Name** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **Week** | **Cycle** | **Project** |
| **Dillon, Hugh** | **5** | **3** | **--** | **12** | **--** | **2** | **--** | **--** | **22** | **22** | **22** |
| **Hawkins, Zac** | **--** | **14** | **--** | **1** | **--** | **--** | **--** | **--** | **15** | **15** | **15** |
| **Holloway, Rick** | **--** | **17** | **--** | **--** | **1** | **2** | **--** | **--** | **20** | **20** | **20** |
| **Smith, Ben** | **--** | **14** | **--** | **--** | **--** | **1** | **--** | **--** | **15** | **15** | **15** |
| **Thorington, Hunter** | **--** | **2** | **16** | **--** | **--** | **--** | **--** | **--** | **18** | **18** | **18** |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **TOTALS** | **5** | **50** | **16** | **13** | **1** | **5** | **0** | **0** | **90** | **90** | **90** |

3Add/Delete Task columns and Name rows as needed.

**Accomplishments since last status report:**

*Accomplishments must have some deliverable form (e.g., it cannot be stated that “serial interface programming was learned”; rather, data demonstrating those concepts learned must be presented (e.g. a program that successfully sends a character to serial port is demonstrated).*

**Obstacles encountered since last status report and actions to deal with same:**

**Risks facing the project and actions to deal with same:**

*Team members should review formal risk management concepts and incorporate those here.*

**Objectives for the next week:**

*Ideally, this week’s objectives will be next week’s accomplishments. Like accomplishments, these must be concrete and subject to physical demonstration.*

**Notes:** *Limit to at most one additional page.*