Sprint 1 SCRUM Board

| User Stories | Tasks | To Do | In Progress | Completed |
|---|---|---|---|---|
| (21) As a user I want to see an image appear on the LED orb, so that the LED orb may be used as a display. | (3) Research and design motor controller. | | | X |
| | (2) Order hardware to build motor controller. | | | X |
| | (10) Build and program motor controller. | | X | |
| | (4) Install photointerruptor (RMP sensor) for LED controller. | | | X |
| | (6) Design and program LED orb multiplexion software. | | | X |
| (8) As a user I want a companion application that can conveniently generate media in a format compatible with the LED orb, so that media can be displayed on the LED Orb. | (1) research ideal programming language to implement companion application. | | | X |
| | (2) research bluetooth serial communication. | | | X |
| | (1) design serializable format for displaying images on the LED orb. | | | X |
| | (2) design GUI for the canvas to allow users to create LED orb-compatible media. | | | X |
| | (5) Code LED orb companion app. | | | X |

Burnup Chart

| Iteration | Required Points | Projected Points | Completed Points | Notes |
|---|---|---|---|---|
| 1 | 29 | 4.83 | 0 | |
| 2 | 29 | 9.66 | 0 | |
| 3 | 29 | 14.49 | 8 | |
| 4 | 29 | 19.32 | 8 | |
| 5 | 29 | 24.25 | 8 | |
| 6 | 29 | 29 | 26 | Difficulty with LED alignment - motor controller pushed back to sprint 3 |

**Sprint 1 Burnup Chart**

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Required Points