

| Makerspace Scanner Project GANTT Chart |        |   |        |     |        |   |       |    |        |         |        |   |        |    |       |    |        |   |        | Presentation Day |  |
|--|--------|---|--------|-----|--------|---|-------|----|--------|---------|--------|---|--------|----|-------|----|--------|---|--------|------------------|--|
| Date                                   | Feb 10 |   | Feb 17 | NOW | Feb 24 |   | Mar 3 |    | Mar 10 | BREAK-> | Mar 24 |   | Mar 31 |    | Apr 7 |    | Apr 14 |   | Apr 21 |                  |  |
| Task\Week                              | 1      | 1 | 2      | 2   | 3      | 3 | 4     | 4  | 5      | 5       | 6      | 6 | 7      | 7  | 8     | 8  | 9      | 9 | 10     |                  |  |
| User requirements                      | 1      | 1 | 1      |     |        |   |       |    |        |         |        |   |        |    |       |    |        |   |        |                  |  |
| hardware search                        |        |   |        | 4   | 4      | 4 |       |    |        |         |        |   |        |    |       |    |        |   |        |                  |  |
| Communicate with hardware              |        |   |        |     |        |   | 4     | 6  |        |         |        |   |        |    |       |    |        |   |        |                  |  |
| Backend                                |        |   |        |     |        |   |       |    | 6      | 4       | 8      | 8 |        |    |       |    |        |   |        |                  |  |
| System integration                     |        |   |        |     |        |   |       |    |        |         |        |   | 8      | 12 | 12    | 16 |        |   |        |                  |  |
| System final testing                   |        |   |        |     |        |   |       |    |        |         |        |   |        |    |       |    | 2      | 2 |        |                  |  |
| Implementation                         |        |   |        |     |        |   |       |    |        |         |        |   |        |    |       |    |        |   | 4      |                  |  |
| GANTT CHART (done)                     |        |   | 1      |     |        |   |       |    |        |         |        |   |        |    |       |    |        |   |        |                  |  |
| Process and workflow API               |        |   |        |     |        |   |       |    | 3      | 3       |        |   |        |    |       |    |        |   |        |                  |  |
| Raspberry pi                           |        |   |        |     |        |   |       | 4  |        |         |        |   |        |    |       |    |        |   |        |                  |  |
| Scanner                                |        |   |        |     |        |   | 6     |    |        |         |        |   |        |    |       |    |        |   |        |                  |  |
| TOTAL HOURS:                           | 1      | 1 | 2      | 4   | 4      | 4 | 10    | 10 | 9      | 7       | 8      | 8 | 8      | 12 | 12    | 16 | 2      | 2 | 4      |                  |  |

Makerspace Project  
Gantt chart

- ① Week 1 - user requirements
- ② Week 2 - search for hardware
- ③ Week 3 - process & workflow research, API
- ④ Week 4 - Communicating with the
- ⑤ Week 5 - Hardware, RF, scanner
- ⑥ Week 6 - Backend development
- ⑦
- ⑧ Week 9 - System integration (client & server)
- ⑨ Week 10 - Testing
- ⑩ Week 11 - Implementation

Critical Path  
user req. → hardware search → comm with hardware → backend → system integration → system final testing → implementation

