GELS (GSM Electronic Lock System)

Team Funktioneers:

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Milestone Summary

Mar 1-7	Modify pieces for the system/fix laptop	Team	Finish Coding
Mar 8-14	Programing Raspberry Pi	Michael/Eden	Start building and
Mar 15-21	Build Casing	Michael/Darrell /Corbin	Testing System
Mar 22-28	encryption/ system test	Eden/Michael	

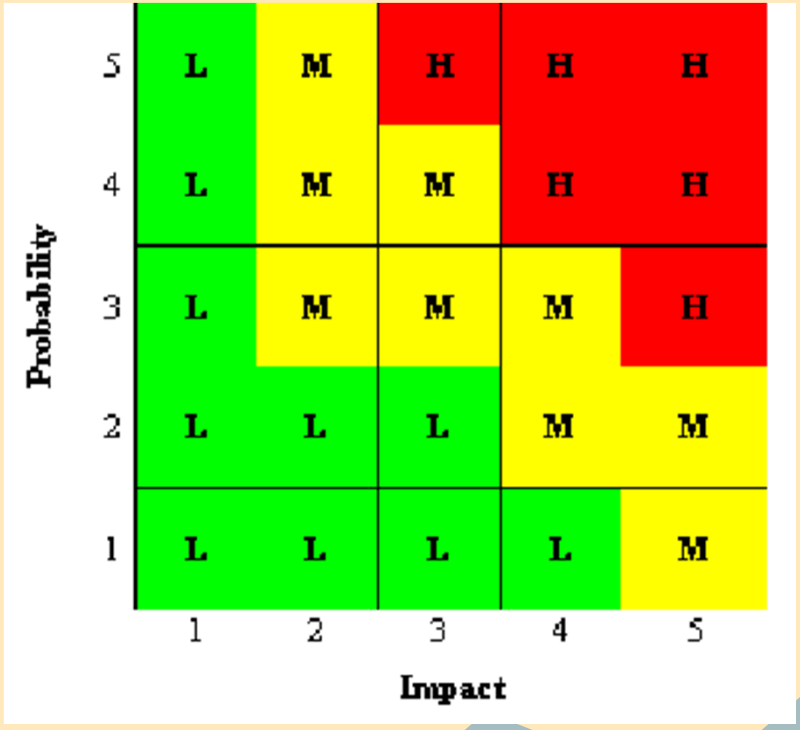
Highlights of the Period

- Built 3D components (Gears)
- We have been able to implement AES text encryption
- We received most of the correct parts

Lowlights of the Period

- Computer used for encryption not turning on
- Raspberry Pi LCD not working properly
- We were back on schedule but now we are behind again

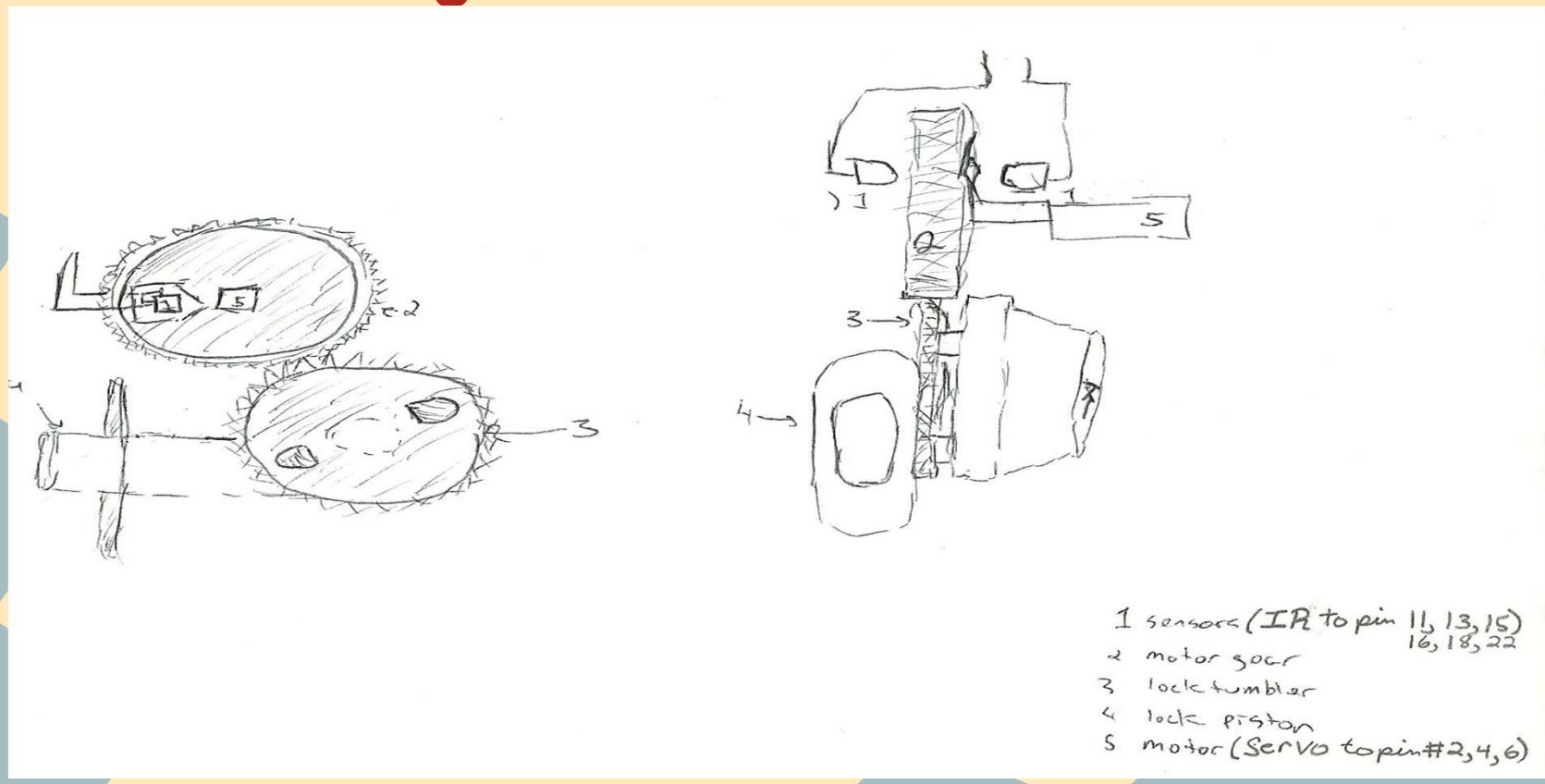
Risk Mitigation Explanation



Risk Mitigation Measures

Risk	Probability	Impact	Risk Control and Management
Raspberry Pi Fails to turn on	2	5	extensive product testing before customer implementation
IR Sensors fail	2	3	have a watchdog timer on the sensor to alert problems
Laptop failure	9	10	Immediate replacement / keep code on backup and drive
Motor failure	2	5	Securely install motor out of reach of user

Final Design Solution Schematics



Focus of Next Period Activities

- Get computer back up and running
- Get Raspberry Pi LCD to work
- System construction
- Working voice encryption app on the phone