Paul Brown
23AUG17

Feasibility	Project 1	Project 2	Project 3	Project 4	Project 5
Operational	Fully supports user required functionality	Automated software with little user interaction	Completely automated software with no user interaction.	Completely automated software with no user interaction.	Fully supports user required interaction.
Technical	Needs a hosting site for the database, especially since more than 1 region will be accessing the data. If Filemaker Pro is required, would need to learn how to use it.	Base software is already created. Modifications needed to run and configure the scanner autonomously.	Program would need to be created to pull AWS metrics and evaluate those metrics for a hardware issue. Depending on the issue, different cases would have to be programmed to handle and fix those identified issues. May become a little tedious unless there are blanket fixes.	A new revproxy needs to be created that can dynamically learn about new GUI/instances that are added to the cloud environment and automatically allow the to be accessed.	AWS services required to create a new way to parse/search log files and create a UI to view the resulting log lines.
Economic	Low cost to design and implement however, yearly costs need to be taken into consideration for a hosting site.	This project appears to be low cost to design and implement.	Low cost to design and implement.	Low cost to design and implement.	Hosting site requires cost. Design and implementation would be at low cost.
Schedule	Project could be completed by May 2018	Project could be completed by May 2018	Project could be completed by May 2018	Project could be completed by May 2018	Project could be completed by May 2018
Overall	Project is feasible to design and implement and is practical in use.	Project is feasible to design and implement and is practical in use.	Project is feasible to design and implement.	Project appears to be feasible however, I do not have enough background to make a determination.	

Feasibility	Project 6	Project 7	Project 8	Project: Real Estate	Project: DaqScribe
Operational	Fully supports user required functionality	Fully supports user required functionality.	Fully supports user required functionality.	Fully supports user required functionality.	Autonomous data collection via the network. Requires user functionability.
Technical	Hosting site for a shared database would be needed, especially if trucker functionality is requested. Group level functions required. GUI needs to be created.	Skeleton of software is already created. Web and admin features need to be developed. Assumption is that a hosting site is established since this data is being shared worldwide. GUI needs to be created to access various parts of data.	Hardware is required for this project. Understanding of IoT is required. Hardware will be provided by the requestor. A cell phone and ESP8266 nodes will be needed. An array of devices will need to be controlled via cell phone to perform certain functions. An app will need to be created to provide user functionality.	A main database will need to be crated with user/admin views. In addition, a pull of various websites will need to be implemented into this software. User email accounts will also need to be integrated for contacts/calendar information. Integration required for Social Media sites.	Capture and record 40GbE UDP data stream to disk. Real time data monitoring of the captured information. Server would be required.
Economic	Project would be low cost to design and implement with some cost needed for a hosting site.	Low cost to design and implement.	Some cost will be involved in this project for hardware support.	A hosting site will be required.	Unknown
Schedule	Project would be completed by May 2018	Unsure if project would be completed by May 2018.	At least one node can be created by May 2018	This project may not be completed by May 2018.	Unknown
Overall	Project is feasible to design and implement and is practical in use.	This project is in its 3rd phase. Depending on how well the previous phases have been developed will determine if additional work needs to be done to complete this phase.	The project requires knowledge in piecing together hardware and network connectivity to operate that hardware. This project is feasible to design and implement.	This project requires a robust database with linking of various websites and personal data information. Some aspects of this project should be obtainable in the time given.	Project requires knowledge of Network hardware, stacks, protocols. This may not be a suitable project for those who are inexperienced with networking.

Feasibility	Project: Medtronics/Dark Web	Project: Medtronics/Document scanner
Operational	Automated software	Autonomous scanning and comparing of documents.
Technical	A search tool for specific products on the web. A program needs to created that could search the internet for those products and report back where this products are located.	unknown
Economic	Low cost to design and implement.	Low cost to design and implement.
Schedule	Unsure if project could be completed.	Unsure if project could be completed.
Overall	The challenge of this project is to be able to search the entire internet for product postings. There are a ton of seller/buyer websites that would have to be searched in order for this project to have the desired outcome the company is looking for.	I don't have enough knowledge on this matter but it would appear that this project would be difficult to complete due to the fact that a comparison of rules and regulations to a design document seems a little ambiguous and too many variables are in play.