GTRI: Analysis of Alternatives
Milestone 3: IT 4983 – Group 1

By: Chris Coleman, Sam Foster, Jonathan Duarte, Gurpreet Kaur, & Erick Gamez Diaz

April 22, 2022

Agenda

1. Project Summary

2. Assessment of Milestone 3

3. Project Progression and Problems

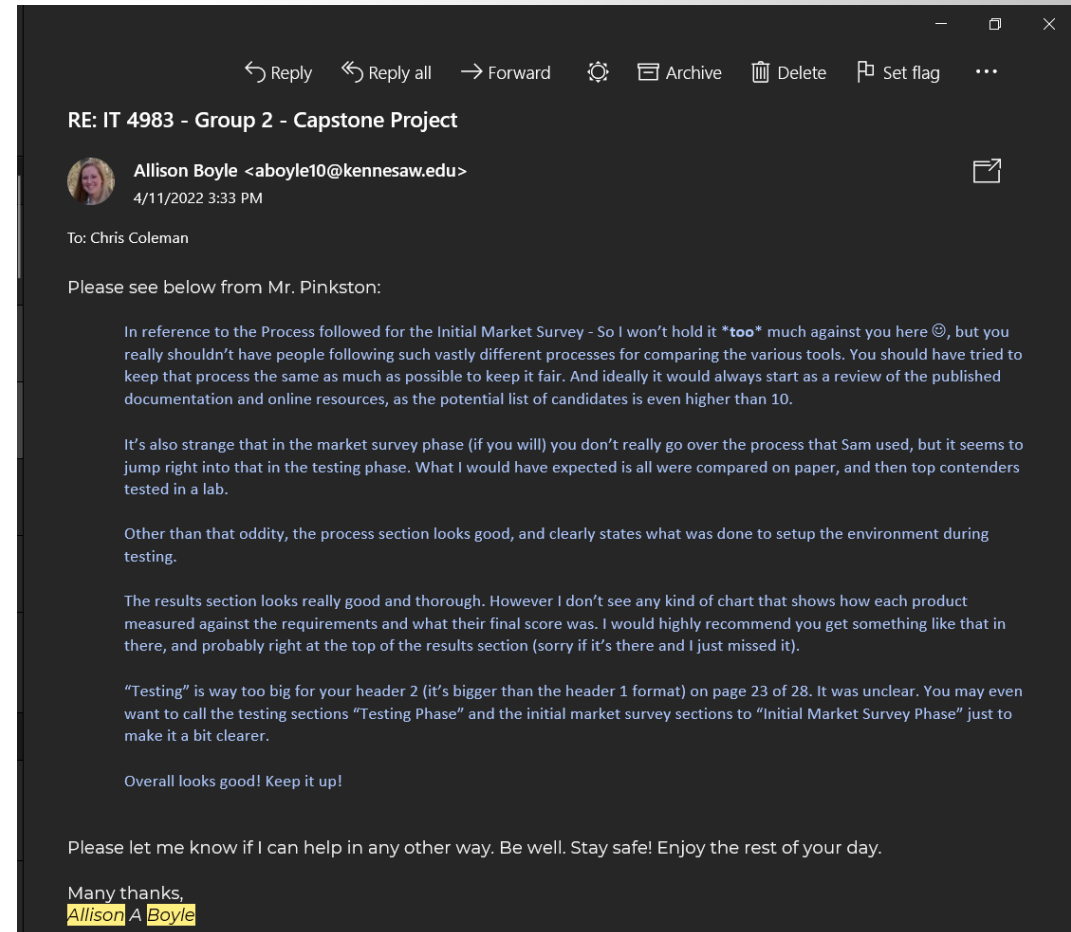4. Future Project Plans

Project Summary

- The progress of the project is progressing, but we are a little behind our previous schedule

- We finished all testing and research for the project, we are now just working on all the documentation for the project.

- Documentation for this project has been hard to work through as miscommunication has arose, but we have discussed it and are working to fix all issues

Milestone 2 Assessment

- Completion of all parts of Milestone 2:
  - All documentation should be complete: **In-Progress**
    - Documentation includes Final Paper, Website, Video Presentation, etc.

Documentation

1. Final Document for GTRI: Set to be done on 4/3; The document was thought to be complete, but after Chris went through, he found some errors that needed to be corrected:
   1. In-text citations
   2. Sam's Research
   3. Mr. Pinkston Feedback & Writing Center

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RE: IT 4983 - Group 2 - Capstone Project

Allison Boyle <aboyle10@kennesaw.edu>
4/11/2022 3:33 PM

To: Chris Coleman

Please see below from Mr. Pinkston:

In reference to the Process followed for the Initial Market Survey - So I won't hold it ***too*** much against you here ☺, but you really shouldn't have people following such vastly different processes for comparing the various tools. You should have tried to keep that process the same as much as possible to keep it fair. And ideally it would always start as a review of the published documentation and online resources, as the potential list of candidates is even higher than 10.

It's also strange that in the market survey phase (if you will) you don't really go over the process that Sam used, but it seems to jump right into that in the testing phase. What I would have expected is all were compared on paper, and then top contenders tested in a lab.

Other than that oddity, the process section looks good, and clearly states what was done to setup the environment during testing.

The results section looks really good and thorough. However I don't see any kind of chart that shows how each product measured against the requirements and what their final score was. I would highly recommend you get something like that in there, and probably right at the top of the results section (sorry if it's there and I just missed it).

"Testing" is way too big for your header 2 (it's bigger than the header 1 format) on page 23 of 28. It was unclear. You may even want to call the testing sections "Testing Phase" and the initial market survey sections to "Initial Market Survey Phase" just to make it a bit clearer.

Overall looks good! Keep it up!

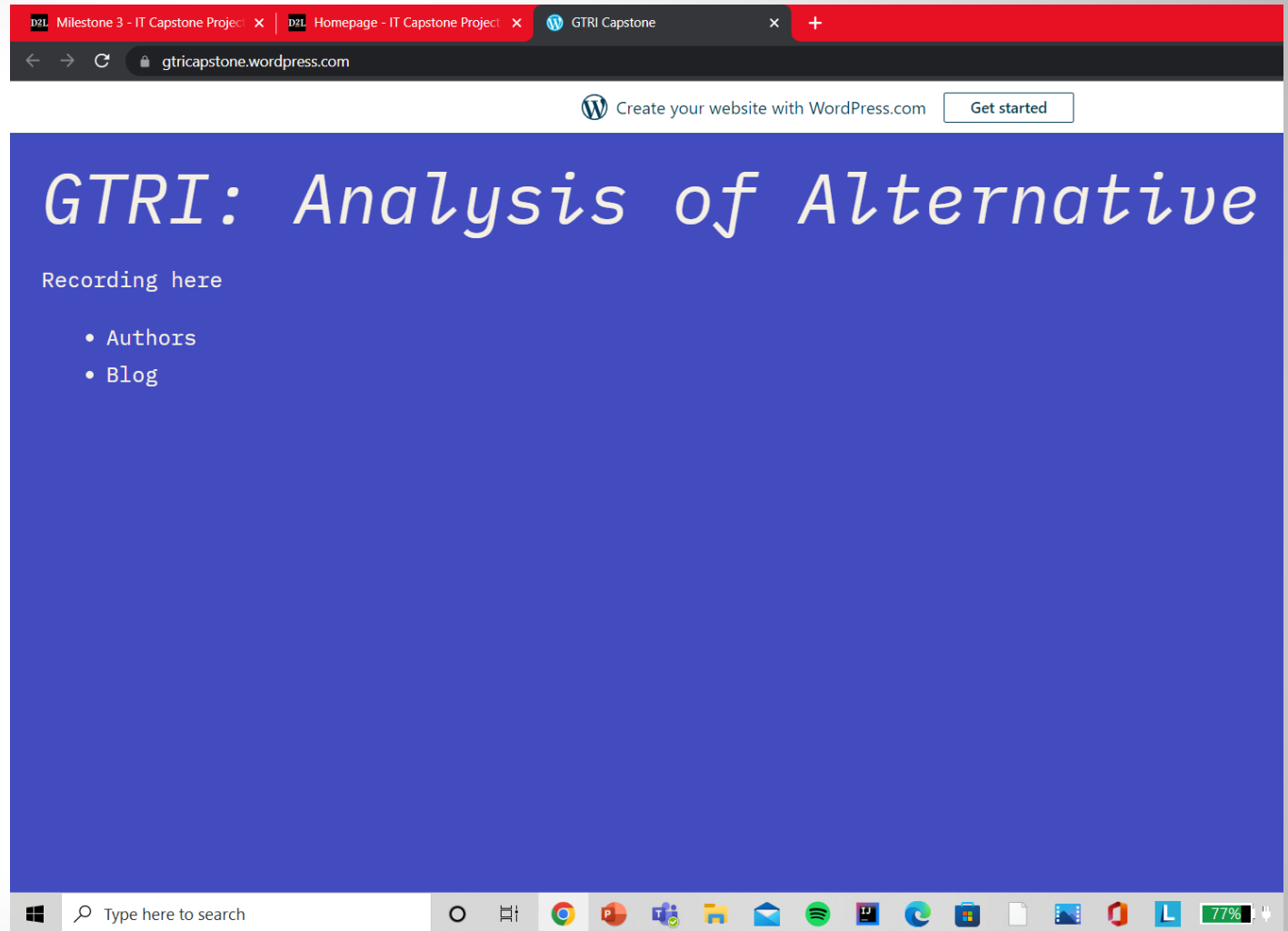Please let me know if I can help in any other way. Be well. Stay safe! Enjoy the rest of your day.

Many thanks,
Allison A Boyle

Documentation

2. Website: Sam has finished the outline for

the website, so that now all he has to do is

add in our information

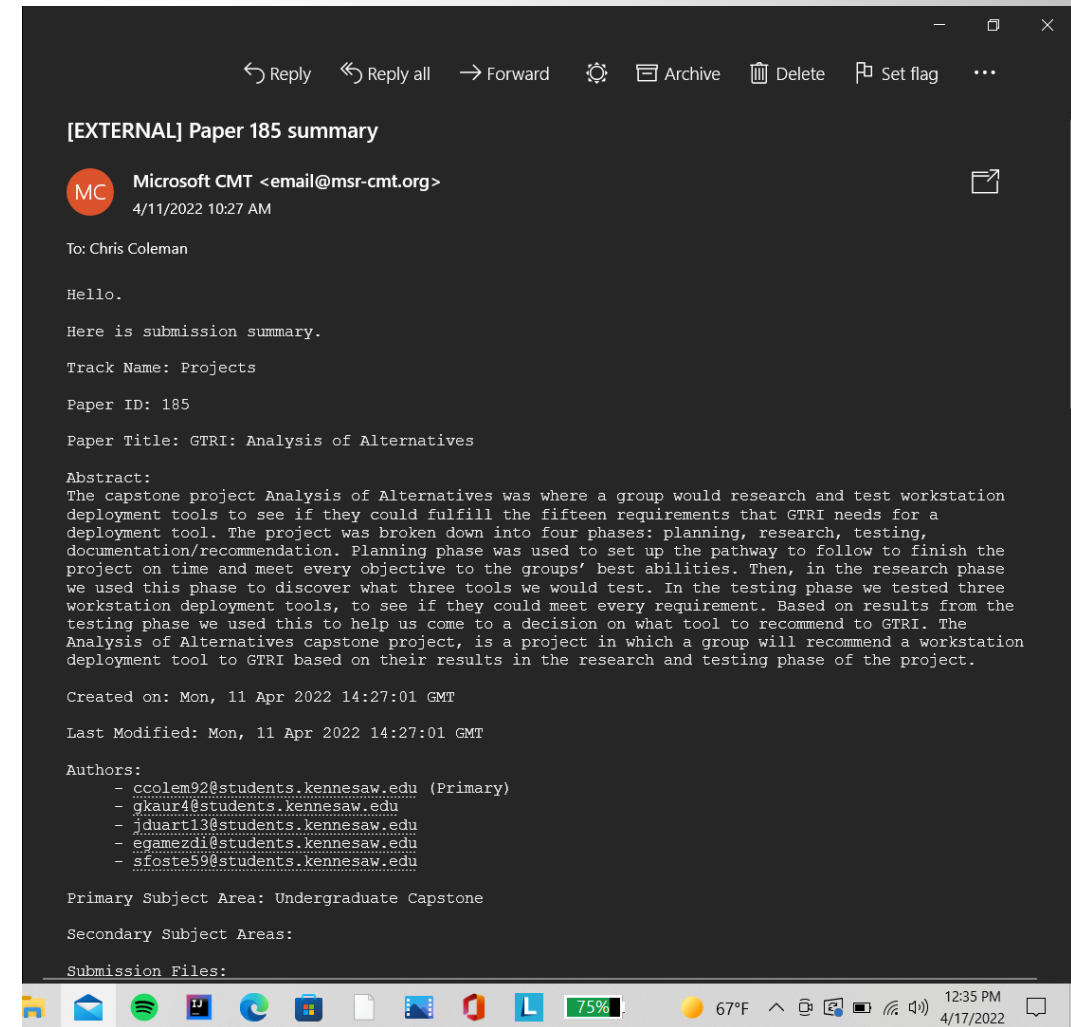   Author page: bio & picture

    Recorded presentation.

Documentation

3. Final Presentation: The outline for the

PowerPoint has been built, with names

attached, so that now everyone just needs to

fill-in their slides

4. C-Day: C-day submission was

completed/submitted before the 5:00

deadline on 4/11 and the proof was turned

into D2L

[EXTERNAL] Paper 185 summary

Microsoft CMT <email@msr-cmt.org>
4/11/2022 10:27 AM

To: Chris Coleman

Hello.

Here is submission summary.

Track Name: Projects

Paper ID: 185

Paper Title: GTRI: Analysis of Alternatives

Abstract:
The capstone project Analysis of Alternatives was where a group would research and test workstation deployment tools to see if they could fulfill the fifteen requirements that GTRI needs for a deployment tool. The project was broken down into four phases: planning, research, testing, documentation/recommendation. Planning phase was used to set up the pathway to follow to finish the project on time and meet every objective to the groups' best abilities. Then, in the research phase we used this phase to discover what three tools we would test. In the testing phase we tested three workstation deployment tools, to see if they could meet every requirement. Based on results from the testing phase we used this to help us come to a decision on what tool to recommend to GTRI. The Analysis of Alternatives capstone project, is a project in which a group will recommend a workstation deployment tool to GTRI based on their results in the research and testing phase of the project.

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Primary Subject Area: Undergraduate Capstone

Secondary Subject Areas:

Submission Files:

Project Experiences -

1. How is the Project Proceeding?

The project is proceeding, smoothly everyone is doing what is asked of them, so that we finish on time with our best foot forward

2. How much work has gone into the project?

We have been putting in much more hours after our discussions with Dr. Privitera, we have put in around 300-320 hours now into the project

3. Challenges?

 The main challenge has been misunderstandings and not enough review into previous works

Project Experiences -

4. Risks?

The only risks I could see is us not fulfilling this project's potential if time catches up to us in the end

5. Mitigation of Risks?

To mitigate the risk, Chris (Team Leader) has been thoroughly looking through all documents at this point to find errors/flaws to correct them before 4/24

Forecasts for the Project

1. Finish paper fully by 4/21

2. Have final Presentation PowerPoint filled out by 4/20

3. Have website completed by 4/23

4. Have all information and final assignments submitted by 4/24 on time

Updated Excel Chart (Gantt Chart)

As a group we decided to use an Excel spreadsheet to keep track of dates, since it is much easier to comprehend and use.

As you can see as tasks are completed, we change the progress to completed.

With the more specific task breakdowns within the excel sheet it has made it easier for everyone to complete task like C-day and milestone 3

Next Phase of Project

- There really isn't a next phase, it will just be reviewing/editing all final presentations, reports, documents, etc. before they are submitted to make sure all information is submitted and submitted correctly

References

- Bigelow, Stephen J. "What Is Microsoft Azure and How Does It Work?" SearchCloudComputing, TechTarget, 6 Apr. 2020, https://www.techtarget.com/searchcloudcomputing/definition/Windows-Azure.

- "Capturing and Deploying Windows 11." Smartdeploy Support Center, https://support.smartdeploy.com/support/solutions/articles/48001201629-capturing-and-deploying-windows-11#:~:text=Windows%2011%20images%20can%20be,1020%20or%20later.&text=Microsoft%20has%20new%20hardware%20requirements,you%20plan%20to%20deploy%20to.

- Contributor, TechTarget. "What Is Microsoft System Center? - Definition from Whatis.com." *SearchWindowsServer*, TechTarget, 15 Aug. 2008, https://www.techtarget.com/searchwindowsserver/definition/Microsoft-System-Center.

- Delaney, Austin. "Windows Migration Software, and so Much More." SmartDeploy, 10 Sept. 2021, https://www.smartdeploy.com/blog/more-than-windows-migration-software/.

References

- "Device Encryption - 128 GB and above 2 TB." Ivanti Community, https://forums.ivanti.com/s/article/IDAC-Device-encryption-128GB-and-above-2TB?language=en_US#:~:text=The%20Ivanti%20Device%20and%20Application,storage%20devices%20bigger%20than%202TB.

- "Does SmartDeploy Support Macos or Linux?" Smartdeploy Support Center, https://support.smartdeploy.com/support/solutions/articles/48000969779-does-smartdeploy-support-macos-or-linux-.

- "Endpoint & Workspace Management - OS Deployment." Ivanti, https://www.ivanti.com/solutions/unified-endpoint-management/imaging-and-os-deployment.

- "Execute Custom Tasks with Managed Scripts." Ivanti Management and Security, https://help.ivanti.com/ld/help/en_US/LDMS/10.0/Windows/mac-t-execute-managed-scripts.htm.

- "Join a Domain: Smartdeploy." Smartdeploy Support Center, https://support.smartdeploy.com/support/solutions/articles/48001059955-join-a-domain.

References

- Keary, Tim. "10 Best OS Imaging & Deployment Software Solutions 2022 (Paid & Free)." Comparitech, 3 Feb. 2022, https://www.comparitech.com/net-admin/os-imaging-deployment-software/.

- "Modern Desktop Management and Imaging Software." SmartDeploy, https://www.smartdeploy.com/#:~:text=Our%20modern%20imaging%20software%20enables,regardless%20of%20manufacturer%20or%20model.

- New Signature. "A Brief History of System Center." New Signature, 8 Aug. 2016, https://newsignature.com/articles/a-brief-history-of-system-center/.

- Nichols, Steven Vaughan. "Microsoft Azure Review." PCMAG, https://www.pcmag.com/reviews/microsoft-azure.

- "SMARTDEPLOY User's Guide." SmartDeploy, https://www.smartdeploy.com/wp-content/uploads/SmartDeployUsersGuide_V2.pdf.

- "Supported Platforms and Compatibility Matrix for Ivanti Endpoint Manager." Community, https://forums.ivanti.com/s/article/Supported-Platforms-and-Compatibility-Matrix-for-Ivanti-Endpoint-Manager?language=en_US.

References

- "Administrator Guide." Quest Support, support.quest.com/technical-documents/kace-systems-management-appliance/10.2%20common%20documents/administrator-guide/155#TOPIC-1408010.

- "Administrator Guide." Quest Support, support.quest.com/technical-documents/kace-systems-management-appliance/11.0%20common%20documents/administrator-guide/13#TOPIC-1509005.

- Gartner, Inc. "Quest KACE Reviews, Ratings, and Features - Gartner 2022." Gartner, www.gartner.com/reviews/market/client-management-tools/vendor/quest/product/quest-kace.

- Hamilton, Alex. "Dell KACE Can Now Deploy 250 Operating Systems in One Go." TechRadar, TechRadar Pro, 28 Jan. 2014, www.techradar.com/news/computing/dell-kace-can-now-deploy-250-operating-systems-in-one-go-1219404.

- "Kace Multiple Deployment Options." KACE, www.quest.com/products/kace-systems-management-appliance/multiple-deployment-options.aspx.

- "KACE Systems Deployment Appliance." Quest, www.quest.com/products/kace-systems-deployment-appliance/#:~:text=We%20image%20systems%20every%20summer,us%20less%20than%20an%20hour.

- "KACE Systems Deployment Appliance." Quest, www.quest.com/products/kace-systems-deployment-appliance/.

- "KACE Windows Deployment and Updates - Quest Software." KACE Windows Deployment and Updates - Quest Software, www.quest.com/products/kace-systems-deployment-appliance/windows-deployment-and-updates.aspx.

References

- Mafaldo, Alexandre. "KACE Agent on Linux Devices." Quest Support, Quest Software Inc., 26 Apr. 2019, support.quest.com/kb/258574/kace-agent-on-linux-devices.

- "Release Notes." Quest Support, support.quest.com/technical-documents/kace-systems-deployment-appliance/8.0%20common%20documents/release-notes.

- "Release Notes." Quest Support, support.quest.com/technical-documents/kace-systems-deployment-appliance/8.2%20common%20documents/release-notes/2.

- "Software Distribution for Windows, Mac and Linux." For Windows, Mac and Linux, www.quest.com/products/kace-systems-management-appliance/software-distribution.aspx.

- Ghost solution suite upgrade guide. (n.d.). Retrieved March 14, 2022, from https://knowledge.broadcom.com/external/article/178831/ghost-solution-suite-upgrade-guide.html

- Ghost™ solution suite 3 - broadcom inc.. (n.d.). Retrieved March 14, 2022, from https://docs.broadcom.com/doc/ghost-solutions-suite-en

References

- Inc, C. A. (2022, January 25). Platform support ghost solution suite 3.3. Platform Support Ghost Solution Suite 3.3. Retrieved March 14, 2022, from https://techdocs.broadcom.com/us/en/symantec-security-software/endpoint-security-and-management/ghost-solutions-suite/3-3/Platform-and-OS-Support/Platform-Support-Ghost-Solution-Suite-3-X.html

- Symantec Ghost Solution Suite Reviews 2022. Capterra. (n.d.). Retrieved March 14, 2022, from https://www.capterra.com/p/156416/Symantec-Ghost-Solution-Suite/reviews/

- Techdocs.broadcom.com. (n.d.). Retrieved March 14, 2022, from https://techdocs.broadcom.com/content/dam/broadcom/techdocs/symantec-security-software/endpoint-security-and-management/integrated-cyber-defense-exchange/generated-pdfs/Symantec_THC_Administration_User_Guide_v3.5.0.pdf