



Reflection on Deloitte Internship:

Accomplishments, Project Status, Personal Growth,
and Problem-Solving

Bachelor's degree in the Cloud &
Cybersecurity field.

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Academic year 2022-2023

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Introduction

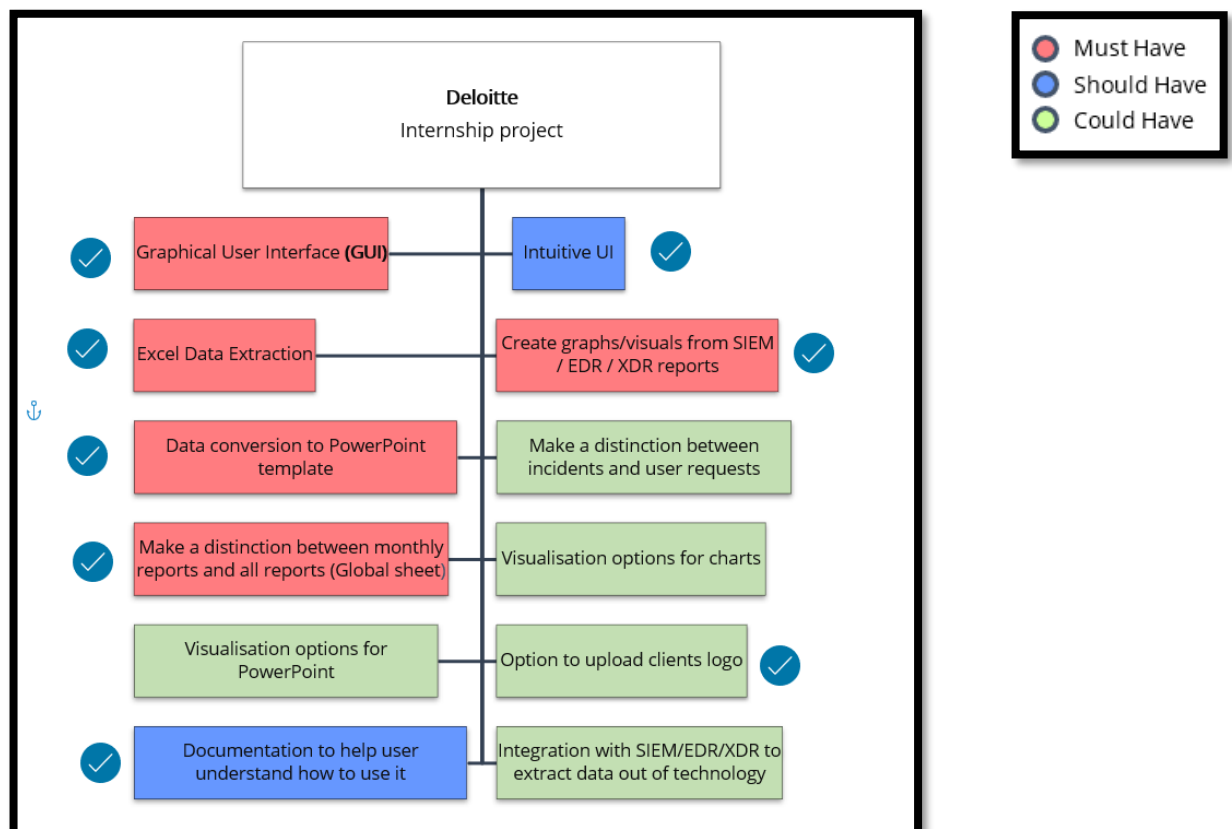
As I conclude my internship journey with Deloitte, I am excited to reflect on the experiences and lessons that have shaped my professional growth. This reflection paper serves as a testament to the accomplishments achieved during my internship period at Deloitte. I aim to provide an overview of the project's outcomes, the project's current status, and the knowledge acquired during my time at Deloitte.

During the course of my internship, I embarked on a journey of practical application and hands-on experience. In this reflection paper, I will begin by delving into the specific accomplishments that were attained during the internship period. By referencing the initial plan of action, I will highlight the notable milestones.

Next, I will address the question of whether the project has reached its finality or if further work is required. By assessing the project's completeness, I will outline any remaining tasks or areas that demand additional attention and refinement. This analysis will provide a comprehensive understanding of the project's current state and potential future developments.

What has been accomplished?

If we take a look at the PBS (Product Breakdown Structure) that we set up during the preparation phase, I can confidently say that all of the must-have and should-have items have been completed. As a result, all the necessary requirements have been fulfilled.

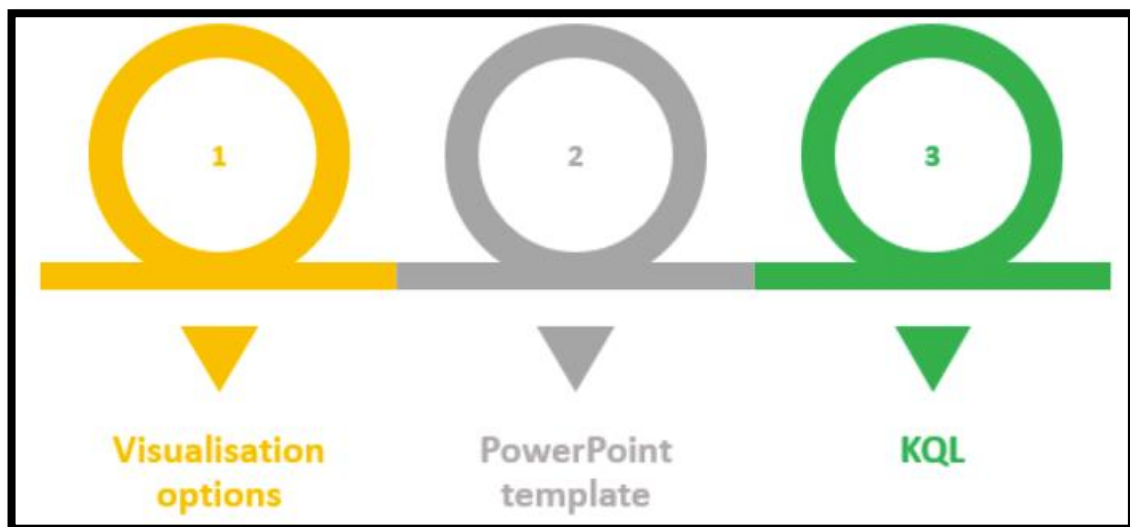


Is the project finished?

While the project has reached a significant stage of completion, there are some remaining aspects that require further attention.

Due to time constraints, I was unable to finish all of the Should-have requirements. In the future, there is potential to expand the project by incorporating visualization options for charts and PowerPoint templates.

Additionally, integrating the program using KQL and targeting data directly from the SIEM/EDR/XDR system, rather than relying on Excel dumps, could enhance its functionality. Given the opportunity to complete the project in its entirety, I would prioritize the remaining Should-have requirements outlined in the PBS.



Has what you developed been put into use in the meantime?

Currently, the developed solution has undergone testing; however, I am not aware of its active utilization at this point. It is important to note that the intended usage of my program is at the beginning of each month.

Unfortunately, as my internship concluded right at the beginning of the month, I have not had the opportunity to witness its practical implementation.

Nevertheless, I ensured a smooth handover process by compiling my Python script into an executable file and creating a setup program. This allows the script to be run independently on any machine, eliminating the need for specific libraries or a Python installation.

What has the internship meant to you personally?

My internship at Deloitte has been a truly transformative experience, and I feel honored to have had the opportunity to work alongside brilliant minds within the firm.

Especially considering my initial application experience with Accenture, where I was unfortunately declined at the last minute due to nationality requirements, my internship at Deloitte holds even greater significance.

Prior to starting my internship, I was unfamiliar with Deloitte and its position as one of the largest firms among the Big 4. However, this experience has opened my eyes to the immense scale and reputation of Deloitte within the industry.

I am grateful for the opportunity to be part of such a prestigious organization, which has allowed me to gain valuable insights, expand my professional network, and further develop my skills.

The unexpected turn of events has proven that sometimes, what initially appears as a setback can lead to even greater opportunities for growth and success.

What did you learn? What competencies were addressed?

Throughout my internship, I have gained valuable insights and honed various skills. On the soft skills side, the most significant enhancement has been my problem-solving mindset. Prior to the internship, I had limited development experience, and as I worked on the project, I found myself navigating from one challenge to another. The combination of different libraries often presented unforeseen obstacles, requiring me to think creatively and develop workarounds. Even when faced with difficult situations where even GPT couldn't provide solutions, I persevered and further developed my problem-solving abilities.

Another crucial skill I acquired during the internship is time management. By dividing my work into organized phases according to my plan of approach, I could effectively allocate time and progress systematically. This approach enabled me to meet specific deadlines and smoothly transition from one phase to the next, which was great for project management.

Furthermore, the internship provided me with my first exposure to a professional IT environment, allowing me to work on professionalism. Working alongside intelligent colleagues, I had the opportunity to present myself in the best possible manner on a daily basis. Interacting with professionals has opened my eye in a sense of professionalism that I will carry forward in my future endeavors.

In terms of technical skills, my primary focus and learning revolved around Python. While I worked extensively with various libraries, Python served as the foundation of my technical skill set. Additionally, I gained proficiency in using Figma for designing my graphical user interface (GUI), and I also had initial experience with VBA at the beginning of my internship before transitioning to Python.

Overall, my internship experience has been instrumental in enhancing my problem-solving mindset, time management abilities, and professionalism. Additionally, I have expanded my technical skills, primarily in Python, and gained exposure to other tools.

What problems (certainly not just technical contentproblems) did you face and how did you address and solve them?

During my internship, I encountered various challenges, not limited to technical issues. Let's begin with the technical obstacles, which were the most prominent. As I mentioned earlier, I often had to think outside the box when combining different libraries, namely Tkinter, Pandas, openpyxl, and win32, to achieve specific goals. One particular example comes to mind:

I needed to manipulate Excel data using Pandas, but then I had to convert it back to Excel format using openpyxl in order to apply a table. However, generating pivot tables using Pandas alone proved to be worthless, so I had to explore the usage of win32 (VBA API) in conjunction with openpyxl to generate pivot tables. Despite this solution, I encountered challenges with pivot charts, requiring me to find alternative workarounds. These technical complexities demanded creativity and persistence to come up with effective solutions.

Apart from technical difficulties, I faced challenges in building connections with colleagues. Often, I hesitated to approach others, fearing that I might interrupt them during important tasks or phone calls. To overcome this, I actively participated in Deloitte events, seeking opportunities to meet and interact with different individuals within the organization. Additionally, I encountered a miscommunication issue where many of my colleagues, including my managers, were initially unaware of my internship status. As a result, I felt like a random person. Furthermore, I found that there was no specific guideline or framework provided for my internship subject. While I understood the importance of self-initiative and independent learning, I took it upon myself to develop a plan of approach to ensure meaningful progress.

In summary, the challenges I faced ranged from technical complexities in integrating libraries to difficulties in establishing connections and clarifying my role within the organization. Through perseverance and ownership of my learning, I successfully tackled these obstacles, enabling me to make contributions during my internship at Deloitte.