

NZ Covid Data Protection Model for Ara 2022

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ABSTRACT

This paper describes the methods used to create an NZ covid data protection model for the Ara city campus. This article also discusses how the model developed on the given technology which is ArchiMate software. The model shows multiple solutions, regarding the protection of personal data in the context of the New Zealand Covid Tracer App for instance there is a GDPR solution. It gave business owners the ability to run their businesses on data compliance in the context of the New Zealand Covid Tracer App.

Keywords: Outlook, LeanIX, NZ covid tracer app, ArchiMate, Scrum, Design thinking.

1. INTRODUCTION

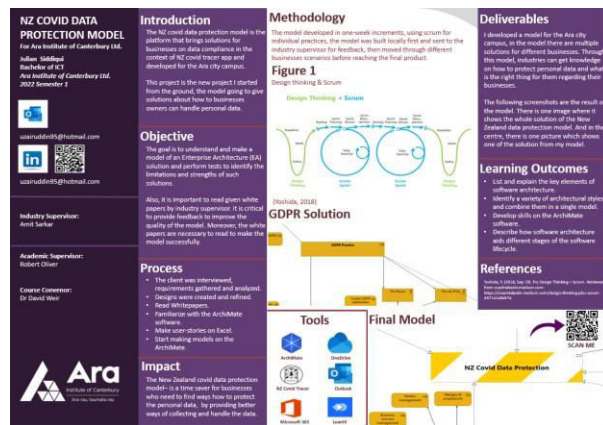
The model for the Ara city campus, a project by the Head of the IT Department, the industry client aims to understand and make model Enterprise Architecture (EA) solutions, and then conduct tests to determine their limitations and strengths.

The client is also interested in Data Compliance concerning New Zealand Covid Tracer App. Feedback is essential for the improvement of the quality of the solutions.

The main goal is to provide solutions to business owners on data compliance in the context of the NZ covid tracer app.

Figure 1

Poster



Poster

2. BACKGROUND

The most crucial step of this project is to read the white papers sent by the industry supervisor. This project is the new project I need to start from the ground, it utilizes both internal and external clients, showing their capabilities to the customers.

The nature of this project right now is that I must improve my understanding of data compliance within the New Zealand Covid Tracer App by evaluating and modelling an Enterprise Architecture.

It is the objective to identify shortcomings and strengths of Enterprise Architecture (EA) solutions and provide feedback for improving the quality of the solutions.

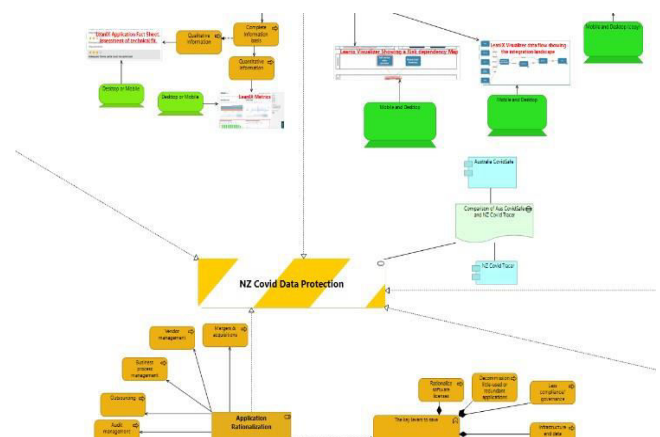
3. PROCESS

The Archi® modelling toolkit targeted all levels of Enterprise Architects and Modelers. It provides a low-cost-to-entry solution to users who may be making their first steps in the ArchiMate modelling language, or who are looking for an open-source, cross-platform ArchiMate modelling tool for their company or other Enterprise Architecture framework, (archimatetool, n.d.). This is the technology I used for making my model.

The other technology I used in my project is LeanIX whitepapers, LeanIX's Continuous Transformation Platform® offers SaaS solutions to help IT architects, IT asset managers, business leaders, and DevOps teams achieve transparency and control over their enterprise architecture, SaaS, and microservices landscapes (leanix, n.d.), in my case, I read the leanIX whitepapers which helped me to develop the model.

Figure 2

Screenshot of the model



Screenshot of the model

Furthermore, Microsoft Excel enables users to format, organize and calculate data in a spreadsheet. By organizing data using software like Excel, data analysts. In my case, I used it for making User stories (Gillis, 2021). In my case, I used it for making User stories.

Lastly, the methodology I used is design thinking & scrum because combining two approaches that are both quite effective on their own may be the best strategy to manage agile projects while keeping user demands in mind. The most important thing to remember is that the project scope generates through a series of cycles with fragmented closures and deliveries. In turn, the team generates insights, which serve as the foundation for the process to complete in a much more straightforward manner environment, and employs an iterative, direct approach to creating innovative solutions (Team, 2019)

4. CONCLUSION

Upon the completion of the project, the client wishes to use the release of the model to reach wider businesses and it will give the ability to get a much better idea of what this model has to offer as a solution for the NZ covid data protection model. The model will show solutions for businesses, and it is simple to use with my user stories.

My model is a place where businesses can solve problems which are related to data protection. Additionally, the user stories also describe roles for each business's owners to show them how to manage personal data problems. Moreover,

through my model industries can improve data management to achieve their business goals.

5 REFERENCES

- archimatetool. (n.d.). *Archi*. Retrieved from www.archimatetool.com: <https://www.archimatetool.com/>
- Gillis, A. S. (2021, November). *Excel*. Retrieved from www.techtarget.com: <https://www.techtarget.com/searchenterprisedesktop/definition/Excel>
- leanix. (n.d.). *About us*. Retrieved from www.leanix.net: <https://www.leanix.net/en/company/about-us>
- Team, M. (2019, 01 03). *Design Thinking and Scrum: taking your projects to the next level*. Retrieved from [mjvinnovation](http://mjvinnovation.com): <https://www.mjvinnovation.com/blog/design-thinking-and-scrum/>