



N.A. (Nadyr) Irsan

Project Portfolio



Me at a glance

Besides what is in my CV, I have highlighted some parts that spark the 'me' in myself as follows:



Hello! I'm **Nadyr!**

Besides my educational background in Computer Science and Business Administration, I have passion in being a real-world problem solver. For most part, I have taken several consulting projects in different sectors. However, I am always open to learning new things- especially to take on more journey in consulting but with a digital transformation focus.



Education

- B.Sc - Computer Science; Universitas Gadjah Mada (2023)
- B.B.A. (non-degree) - Strategy; Singapore Management University (2021)
- HSC and Higher Ed, Business and Commerce; Green River College (2018)



Experience

- Business Development at Bussr
- Project Analyst at 180DC
- Former Data Analytics Consulting Virtual Intern at KPMG



Interest

Strategy, Digital Transformation, Financial Technology, Consulting

Portfolio content & highlighted skill acquired



180 Degrees Consulting



Supply chain, finance, analytical skill, deliverables, slide-deck making



KPMG



Data analytics, visualizations, analytical skill, slide-decks making



Deloitte



Digital transformation (cloud), research, slide-decks making



Startup Pitch for ESS class



Digital transformation (AI), research, creative-thinking, analytical skill, finance

Me at a glance

Project I-
180DC

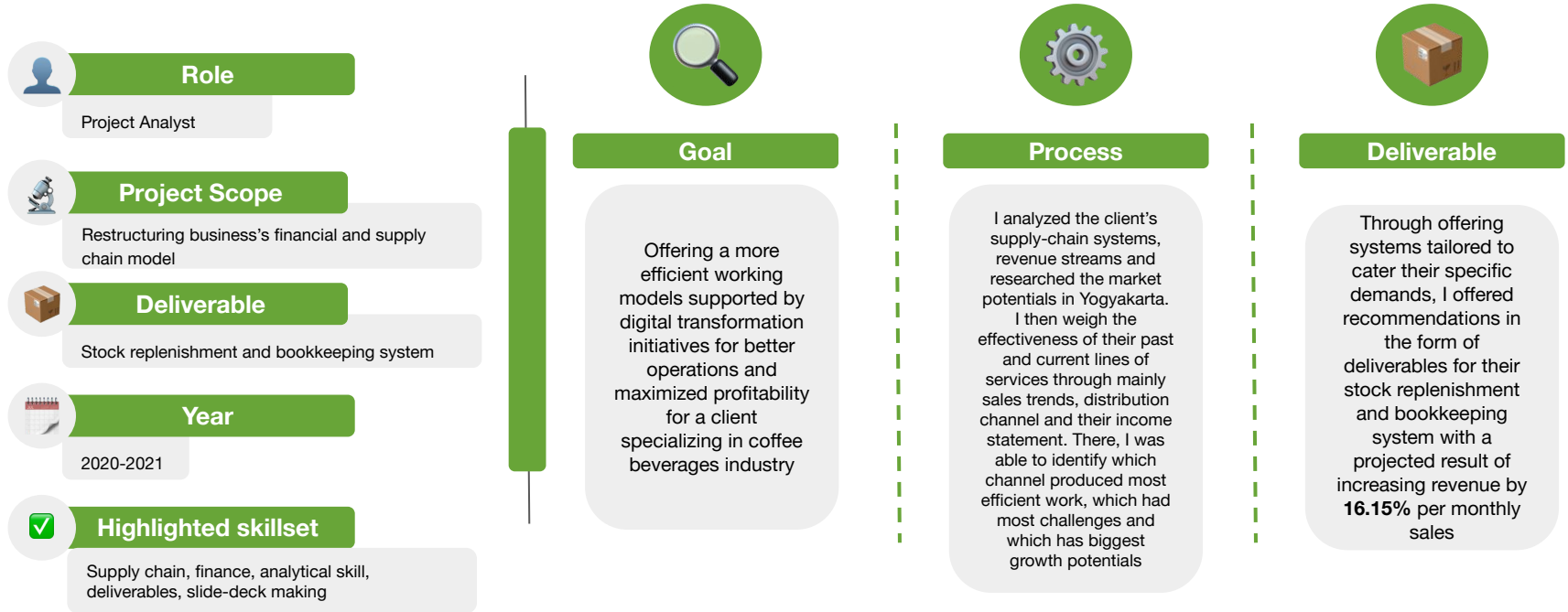
Project II-
KPMG

Project III-
Deloitte

Project IV-
Startup Pitch-Deck

180DC UGM

At 180DC, I was given a chance to work on a consulting project for a client in the coffee beverages industry. There, I developed and showcased skills in fast-paced critical thinking, offering strategic options and deliverables making. The project started in mid December 2020 and ended recently in March 2021. For the whole project assessing different pain points of the business, I took part on the supply-chain and finance sectors. For the completion of the whole project which was done by a group of 8, the client gave **10/10** score.



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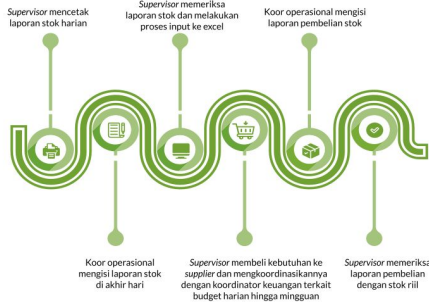


Portfolio of work at 180DC UGM

Pengukuran kinerja rantai pasok tersebut juga didukung dengan analisis inefisiensi seperti berikut.



Serta didukung dengan sistem Stock Replenishment lewat alur pencatatan sistem inventori secara rutin guna memprediksi kebutuhan stok harian.



Analyzing and designing the system

Beforehand, I utilized the given reports from the client's in regards to their supply chain management. There, I identified three key problems that have disrupted the business into operating with lower efficiency. To mitigate the situation, I came up with stock replenishment system workflow to yield better operations processes and results, to benefit all stakeholders.

Deliverable of bookkeeping system

Initially, the client used to rely more on traditional processes including for recording budgets and expenses. Causes of that include lower revenue than expected, room for fraud and more. To mitigate this, I offered a bookkeeping system implementing basic accounting skills packaged in excel form so that stakeholders do not need to very tech savvy especially considering how transforming digitally would be a new thing

Investasi							
A	B	C	D	E	F	G	H
1	Investasi						
2	Kategori	Peralatan				Total Investasi	Rp500,000
3	Tanggal	Posisi	Harga per unit	Unit	Total		
4		3	Mesin Kopi	Rp300,000	1	Rp300,000	
5						Rp0	
6						Rp0	
7						Rp0	
8						Rp0	
9		Total				Rp500,000	
10							
11	Kategori						
12	Tanggal	Posisi	Harga per unit	Unit	Total		
13						Rp0	
14						Rp0	
15						Rp0	
16						Rp0	
17						Rp0	
18		Total				Rp0	
19							
20	Kategori						

Pendapatan							
A	B	C	D	E	F	G	H
1	Pendapatan						
2	Bulan	Januari					
3	Pendapatan Penjualan						
4	Tanggal	Produk / Layanan	Harga	Harga Pokok Penjualan	Kuantitas (Harian)	Pendapatan (Harian) (Harga Pokok x Kuantitas)	HPP (Harian) (Harga Pokok x Penjualan x Kuantitas)
5	1	Produk A	Rp20,000	Rp10,000	10.00	Rp200,000	Rp100,000
6	2	Produk B	Rp15,000	Rp7,500	25.00	Rp375,000	Rp187,500
7	3	Produk C	Rp25,000	Rp15,000	5.00	Rp125,000	Rp75,000
8	4	Produk D	Rp25,000	Rp10,000	5.00	Rp125,000	Rp50,000
9						Rp0	Rp0
10						Rp0	Rp0
11						Rp0	Rp0
12						Rp0	Rp0

*some parts were removed due to confidentiality

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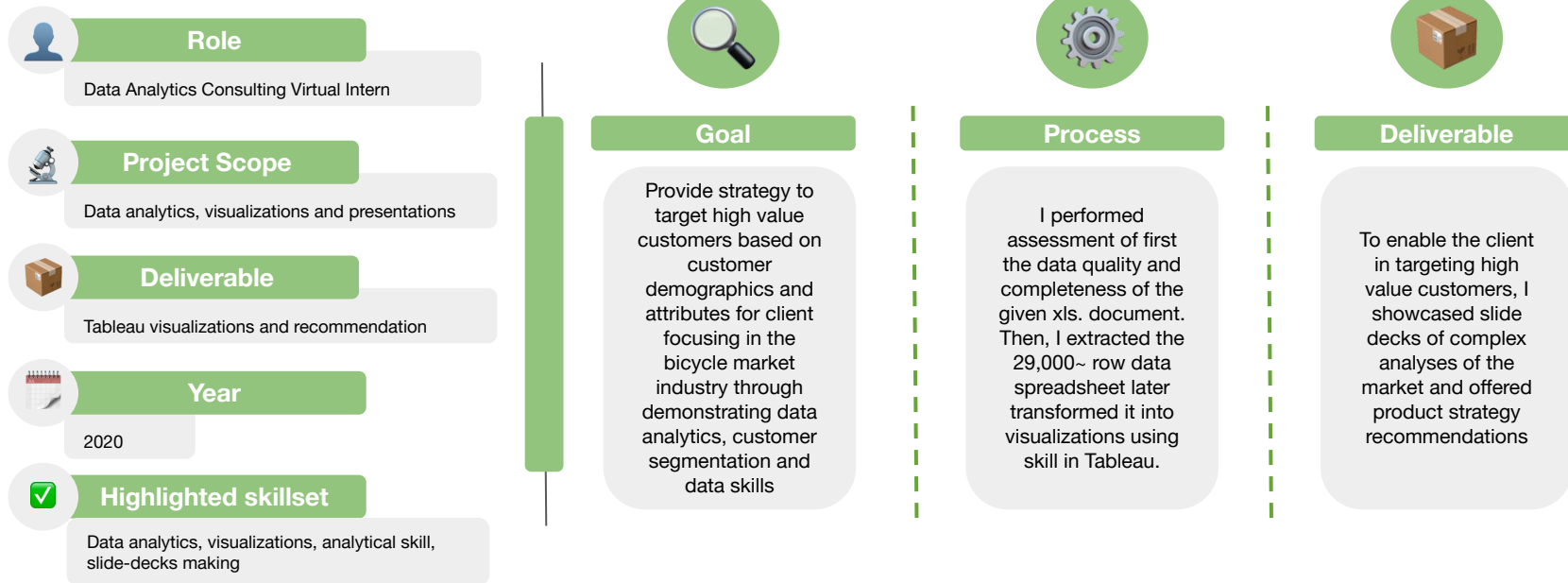
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Startup Pitch-Deck

KPMG

In May 2020, I worked at KPMG as their virtual data analytics consulting virtual intern. I was assigned with three scope of tasks mainly revolving around assessing data completeness and its quality (including errors, unidentified) using Python, transformed the 'qualified' data into visualizations using Tableau and later interpreted and offered recommendations focusing on product strategy utilizing slide decks for targeting our client's high value customers. The data given mainly focused on 29,000~ row spreadsheet.



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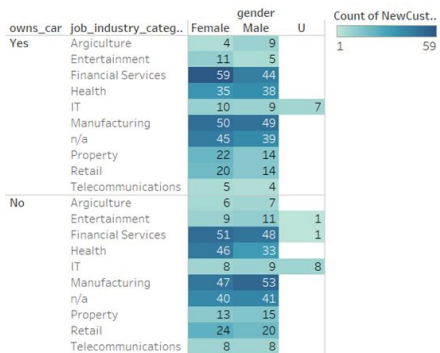
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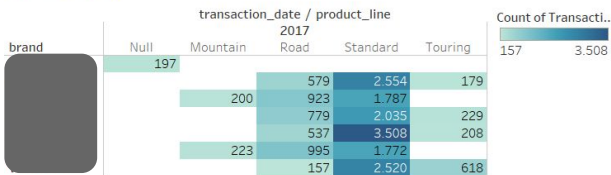
Portfolio of work at KPMG

Customer counts based on car, job industry and gender



Count of NewCustomerList broken down by gender vs. owns_car and job_industry_category. Color shows count of NewCustomerList. The marks are labeled by count of NewCustomerList.

Brand vs Type of product for the year of 2017 transaction



Count of Transactions broken down by transaction_date Year and product_line vs. brand. Color shows count of Transactions. The marks are labeled by count of Transactions.

Analyze and visualize data

From the previous given spreadsheet data, I have managed to analyze what types of data that are useful for seeing sales trends. I have encountered that differences were present the most in gender binaries and job industries for looking which customer segmentation is most effective and not. Additionally, to see the sales trend, I analyzed for each brand and each bicycle types to yield for production strategy- maximizing resources acquired for bigger profitability

Strategy :

Focus on selling the brand with the most number of transactions, limit productions of brand with the least number of transactions.

Therefore, with the acquired records, we can maximize production of the [Standard] standard bike and reduce when possible the production of [Road] road bike.

Strategy recommendation

After thoroughly analyzing data, I have came up with several strategies including but not limited to maximizing production of the X bikes (type and brand) and reduce possible production of Y bikes (type and brand). This conclusion came from assessing data quality, completeness, analytics and visualizations.

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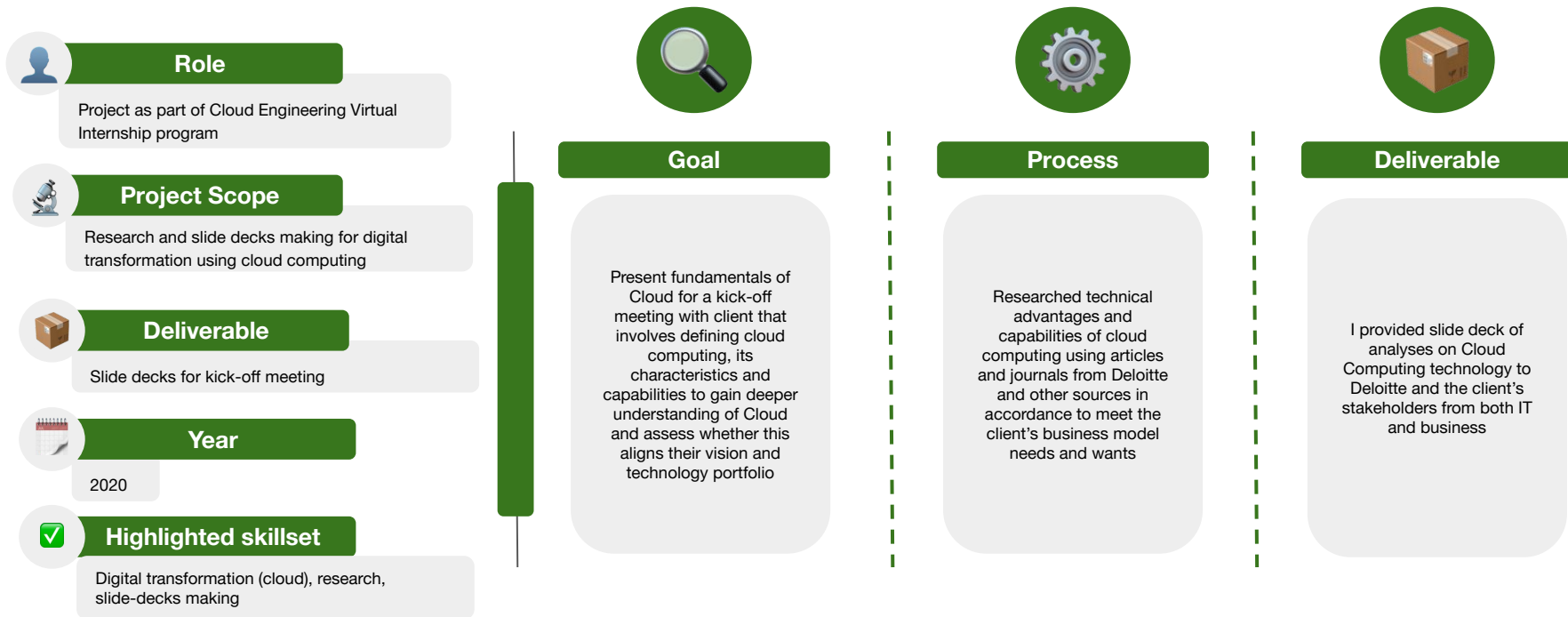
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Deloitte

I took a project as part of the Deloitte Cloud Engineer Virtual Internship program. In this project, I demonstrate skill in slide decks making for kick-off meeting with client (a large Australian University) introducing them recommendation to digitally transform to cloud computing technology. Topics covered on the slide decks include cloud computing definition, characteristics and capabilities.



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Portfolio of work at Deloitte

Cloud Computing in a nutshell

In order to maximize effectiveness of running IT workloads, Cloud Computing model can be a great alternative as it leverages hosting infrastructure of an external provider



Defining Cloud Computing

Delivery of data serves, storages, databases, networking, software, analytics and intelligence- over the Internet or the cloud to offer faster innovation, flexible resources and economies of scale.



Cloud Characteristics

- Broad network access
- Multi-tenancy and resource pooling
- On-demand self-service
- Rapid elasticity and scalability



Cloud Capabilities

Wide-range of materials and academic support tools to wide range of users (teachers, professors, educators, students and staffs)

Cloud operation infrastructure is economically viable and runs effectively and quickly

Innovative solution that can enhance overall student's experiences

Can utilize different wants and needs regardless of user types

Slide deck

To gather information as written in the slidedeck, I managed to surf not only recommended resources by my director but also trying to sort which characteristics and capabilities needed to be point out so that I can grasp better understanding of what the university needs and would love to see, and this could strengthen their decision whether to go with cloud computing transformation or not

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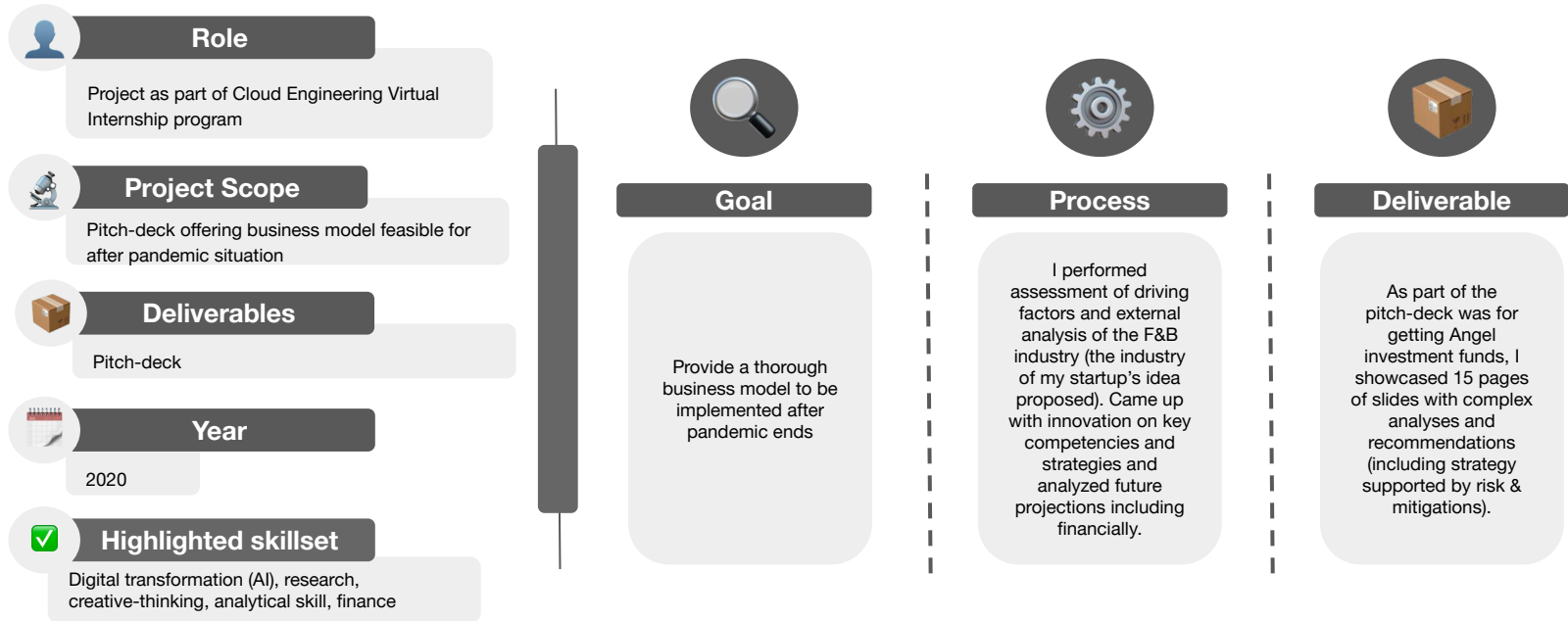
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Startup Pitch

I took an Entrepreneurial and Success Skill course at UGM starting February 2021 and was given a project mainly to propose a business model to be implemented after the pandemic ends. The output of the assignment was in form of a pitch-deck. Within this project, I performed assessment and innovated for driving factors, external factors, possible key competencies, needed strategies and results.



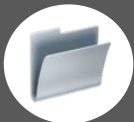
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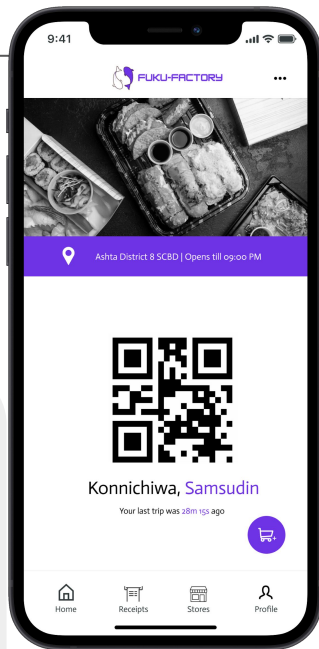
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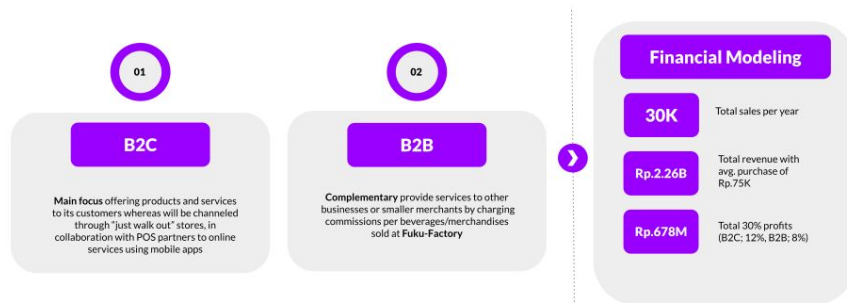
Portfolio of work for Startup Pitch assignment



One of the mockup of the product

After identifying my business model canvas, proposed key competencies and workflow of the business. I created a simple mockup of one of the product lines, which includes this Fuku-Factory app, an application to support the AI tech just-walk-in technology to the restaurant (for every products purchased, customer do not need to scan one by one, just need to scan once entering the store).

As per its business model, Fuku Factory divides its model into two: B2C and B2B with a particular dominance towards B2C



Financial modelling of the business

Looking at the product offerings, key competencies and previous analyses, I have identified that best approach for the business would be divided into two models; B2B and B2C, with a particular dominance. It seems the business can benefit from all stakeholders, do not need to necessarily pick one or another. To see the feasibility, clarity and worthiness of implementing the business, especially in the eyes of the investor, I provided a simple financial modeling projecting total sales per year, revenue if average purchase per customer per day is 75K IDR and total profits calculated with the assumption.

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While my portfolio gives a brief history of my work, I love learning new things and I am very passionate in solving issues in the world and creating meanings for all. Let me know what your place needs and I will try helping to bring more success to us both and also others.



Contact me



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