#### **COSTING: Journal of Economic, Business and Accounting**

Volume 7 Nomor 3, Tahun 2024

e-ISSN: 2597-5234



### DIGITAL MARKETING STRATEGY FORMULATION FOR DISTRIBUTOR-BASED COMPANY USING DIGITAL CUSTOMER JOURNEY APPROACH (STUDY CASE: PT BARCA TRIOS CHEMINDO)

# FORMULASI STRATEGI PEMASARAN DIGITAL UNTUK PERUSAHAAN BERBASIS DISTRIBUTOR MENGGUNAKAN PENDEKATAN PERJALANAN DIGITAL PELANGGAN (STUDI KASUS: PT BARCA TRIOS CHEMINDO)

Naufal Afaf<sup>1</sup>, Neneng Nurlaela Arief<sup>2</sup>, Iwan Setiawan<sup>3</sup> Institut Teknologi Bandung<sup>1,2,3</sup> naufal afaf@sbm-itb.ac.id<sup>1</sup>

#### **ABSTRACT**

The research objectives are to identify critical touchpoint (s) of digital customer journey in PT BTC marketplace channel strategy, to discover the result of current PT BTC digital customer journey feedback, to give recommendation in digital marketing strategy to improve PT BTC digital customer journey, and to give supporting strategy to enhance PT BTC's performance. In this research, data collection methods will be using qualitative data from Primary Data and Secondary Data. This research found 5 critical touchpoints of digital customer journey in PT BTC marketplace channel strategy, like Awareness, Appeal, Ask, Act, Advocate (5A's Framework). Current marketplace channel strategy is effective to catch new B2B customers but less effective to retain their consistency to buy via online transaction. From this finding research, the best suitable digital marketing strategy that fit to PT BTC customer journey is complementing and upgrading company's online channel with establishing website channel strategy and improving its system to become modify-website that enabled to e-commerce facilities without eliminating its marketplace channel. The supporting strategy for establishing website marketing strategy is purposing new company's marketing division structure to delegate workload better, more effective and more efficient.

Keywords: Digital Marketing Strategy, Distributor-Based Company, Digital Customer Journey

#### **ABSTRAK**

Tujuan penelitian adalah untuk mengidentifikasi titik kontak kritis dari perjalanan digital konsumen dalam strategi saluran pemasaran PT BTC, untuk mendapatkan hasil umpan balik perjalanan digital konsumen PT BTC saat ini, untuk memberikan rekomendasi dalam strategi pemasaran digital dalam meningkatkan perjalanan digital konsumen PT BTC, dan untuk memberikan strategi pendukung untuk meningkatkan performa PT BTC. Dalam penelitian ini, metode pengumpulan data menggunakan data kualitatif dari Data Primer dan Data Sekunder. Penelitian ini menemukan 5 titik kontak penting dari perjalanan pelanggan digital dalam strategi saluran marketplace PT BTC, yaitu Awareness, Appeal, Ask, Act, Advocate (Kerangka 5A). Strategi saluran marketplace saat ini efektif untuk menangkap pelanggan B2B baru tetapi kurang efektif untuk mempertahankan konsistensi mereka untuk membeli melalui transaksi online. Dari riset temuan ini, strategi pemasaran digital yang paling sesuai dengan perjalanan digital konsumen PT BTC adalah melengkapi dan meningkatkan saluran pemasaran daring perusahaan dengan membangun website serta meningkatkan sistemnya agar memungkinkan untuk menunjang fasilitas e-commerce tanpa menghilangkan saluran pemasaran marketplace. Adapun strategi pendukung untuk membangun strategi pemasaran situs web adalah dengan mengusulkan struktur divisi pemasaran perusahaan baru untuk mendelegasikan beban kerja dengan lebih baik, lebih efektif dan lebih efisien.

Kata Kunci: Strategi Pemasaran Digital, Perusahaan Berbasis Distributor, Perjalanan Digital Konsumen

#### INTRODUCTION

Based on Vantage Market Research (2022), surfactant industry condition as globally is valued at USD 41.84 billion in the year 2022 and is anticipated to reach a value of USD 59.95 billion by the year 2030. The Global Market is forecasted to grow to exhibit a Compound Annual Growth Rate (CAGR) of 4.60% over the forecast period. According to Mordor Intelligence (2023), The global market trends of surfactants as follow: anionic surfactants are expected to dominate the

market and Asia-Pacific is expected to dominate the market. Surface active agents or surfactants are organic compounds which derived from oleo chemical raw materials or petrochemical raw materials. Surfactants are materials that lower the surface tension between two liquids or between a liquid and a solid. It may act as a wetting agent, emulsifier, foaming agent, or dispersant in products like paints, emulsions, adhesives, inks, biocides (sanitizers), toothpaste, firefighting shampoos. (foams), detergents, insecticides, and others. By application, the market is segmented into household soaps and detergents, personal care, lubricants and fuel additives, industry and institutional processing, cleaning, food oilfield chemicals, agricultural chemicals, textile processing, emulsion polymerization, and other applications.

Currently, surfactant industry in Asia Pacific especially in Indonesia has prominent condition in the next years. Based on Data Bridge Market Research (2022), the surfactant market is expected to gain market growth in the forecast period of 2022 to 2029 at a CAGR of 4,80%. The factors expected to cushion the growth of the surfactant market in the forecast period are the increasing demand for bio-based surfactants and sustainable green surfactant products. Additionally, the increasing purchasing power of the growing middle class and low cost and easy availability of synthetic surfactants will further carve the way for the growth of market. Based Transparency Market Research (2017), there are growing demand for beauty products that ensure steady uptake of surfactants in Asia Pacific market. The growing concerns pertaining to beauty, hygiene, and aesthetics have led to a skyrocketing demand for surfactants in the personal care industry in Asia Pacific. Indonesia same with other country that there are fluctuative raw material prices in certain period and can affect the supply and the demand of the products. When the commoditive price is high, then the demand is slowly decreasing and when the commoditive price is low then the demand is quickly increasing.

Based on Data Bridge Market Research (2022) in Indonesia, there are several major players of surfactant industry which produce various of surfactant type such as: BASF, Kao Corp, Unilever Corp, Indo Chemical, Rhodia, Evonik Corp, Dow, Procter & Gamble, Bayer, and etc. Some of them has upstream to downstream business line which not only produce raw materials of surfactant but also distribute the products until produce the finished good. Producer of raw materials of surfactant has its distributive chain to distribute its product to consumer or another producer who produce the finished good products. The distributor of PT Kao Indonesia Chemicals (KIC) handles the operation of product delivery, administration and certification letter, payment method mechanism and return of defect product. Also, some of distributor can help to be formulator of product development of its customer. PT Barca Trios Chemindo is one of authorized KIC agent-distributor and still trying to enlarge market share for selling its products in Indonesia. Customer who willing to buy PT KIC's raw material of surfactant must buy through their agent-distributor.

In the latest year according to Wahyudi and Jantan (2010), industries were rapidly growing in Indonesia especially in Jakarta and its extensive area (Jabodetabek) area as centre of Indonesia's economic which becomes concentrated location of many industries including surfactant industries. In this decade, the condition of concentrated

location in this area influenced raw materials of surfactant market becomes concentrated too and tend to be saturated. As it impacted to PT BTC, number of similar business' competitors became high, number of principles didn't raise significantly and number of customer players didn't growth significantly.

Nowadays, with the advance of technology especially Internet, many firms can establish their website for offering interaction much better way to communicate complex B2B information tailored to the customer's situation. Firms that can enter the E-commerce marketplace or website by leveraging Internet capabilities with information processing, delivery capability, interorganizational collaboration, and flexibility may be able to develop important differential advantages in selected market segments (Hutt and Speh, 2010). E-commerce channel has different experience as it is online channel that much different with conventional offline channel. Determining on the latest digital customer journey can help PT BTC to understand what people perceived in terms of benefit and weakness and what people need to provide services better especially in B2B scope instead of B2C scope that there is still limited research about it due to complexity on lead generation and conversion sales. Also understanding each step of touchpoint will help PT BTC to evaluate and formulate digital marketing strategy better in the future.

#### **METHODS**

Data collection methods refer to the systematic process of gathering and measuring information on variables, using various techniques such as surveys, interviews, observations, or experiments. In this research, data collection methods will be using qualitative data from Primary Data with semi-structured interviewing to director of the company and customers, and Secondary Data with collecting latest information sources. **Oualitative** research is intended to deeply explore, understand and interpret social phenomena within natural setting (Cresswell, 2002). It also can be described as an effective model that occurs in a natural setting that enables the researcher to develop a level of detail from being highly involved in the actual experiences (Creswell, 2003).

# RESULTS AND DISCUSSION Digital Customer Journey

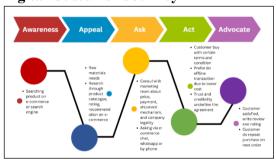


Figure 1. Current Digital Customer Journey on PT BTC Marketplace Account

#### Digital Customer Journey Findings

Marketplace's role was giving impact of advantage to PT BTC's digital customer journey. There were lot of increasing, revenue huge number generating lead and big number of new buyers from this strategy channel but almost every touch point of customer journey (Awareness, Appeal, Ask, Act, Advocate) not really require marketplace as primer stake of its process, or even it can be completed and facilitated better with other platform such as website. Showing credibility on appeal process like rating and customer's review can be found or accessed with another way such as website access, call by phone or direct coming to the shop, and no need to use marketplace access. All of customers preferred to purchase via offline transaction that makes marketplace's role on taking action becomes useless due to higher pricing impacted from marketplace charge on seller. The top list of influence factors (price, shipping, quality) to purchase at PT BTC also accessible without marketplace's role facility.

The impacted role of marketplace on this customer journey are for awareness and increasing giving easiness of access to customer to find PT BTC. Searching column on marketplace platform give easiness way to customer to quickly find their needs specifically. Some customers even search browsing on internet and finding Barca Kimia as link of marketplace which marketplace's helped bv mechanism. Marketplace gives easy access to upload new product and give attractiveness of product launching, but in a long run, product update is necessary things that has to be updated on every online platform such a website and sometimes it is hard to publish on marketplace due to copyright restricted of information. Marketplace can show to customer about recommendation by latest review and it also can be supported by testimony on website or other social media platform such as LinkedIn (professional social media).

# Frustrated Touch Points of Customer Journey

From research findings and analysis about customer journey, there are frustrated touch points that still be perceived by customers either they utilized customer journey with full or partial used of marketplace channel process. Most of them put emphasizes on Appeal and Act Stage. Appeal stage showed them that Barca Kimia has limited and less variation of product

catalogue. The less variation of the product, the less attractiveness of customer to continue the journey. The more variation of the product, the more willingness of customer to purchase many items from one place due to their efficiency of the cost. "One stop solution" of raw materials of home care product can be provided by PT BTC to give easiness access to customers. Customer can have lower cost to deliver their needs when they can get all needs in one place.

Act stage showed that cheaper price of offline transaction becomes barrier for customer to order via online transaction. Even though there are some customers still continue the journey by purchasing offline, Barca Kimia already lost opportunity to catch some customers who still wants to purchase via online because of trustworthy issue transaction conducted bv offline. Marketplace still give facility for some customers to get guarantee of arrival product after they do the payment and others still utilize it to get financial access of credit to buy the product. But most of customers put price and low cost into top priority list that makes them to prefer purchase by offline transaction after proofing the credibility of the company.

Core Elements of Marketing
Table 1. Strategy Marketing (Mind
Share)

~ 1101 0)		
Segmentation	Geographic	Regional Area: Jabodetabek
	Demographic	Company or Home Industry of Detergent and Toiletries
	Behaviour	Loyal and Non Loyal Customer
Targeting	Barca Target Market	Middle Class of Producer and Home Industial of Detergent and Toiletris Product
Positioning	Barca's Positioning	Valuable Trusted Distributor-Agen for KAO Indonesia Chemicals Product

Table 2. Tactic Marketing (Market-

Share)			
Differentiation	Source of Raw Materials	Sourced from PT Kao Indonesia Chemicals that ensure the originality of products	
	Type of Raw Materials	Focused on detergent and toiletries product	
	Service of Delivery Affordable	Fast respond and fast delivery	
	Price	Offering best fair price	
Marketing Mix	Product	Variative products with variative packaging	
	Price	No fix price, dependent on quantity needed	
	Place	Online channel via marketplace, and offline channel via direct store	
	Promotion	Loyalty's specialty price, higher request of quantity get lower price	
Selling	Type of Selling	Low-Cost selling, affordable price with optimum services	

**Table 3. Value Marketing (Heart-Share)** 

Snare)			
Brand	Brand Embedded	Fast Delivery and Reliable Supplier Company	
Service	Fast Delivery Priority	Optimizing delivery for every customer not more than 5 work days. These services supported by availability of stock and good arrangement of schedule	
Process	Cyclic- Process	Customer inquiry -> offering price and stock -> order -> payment / invoicing -> delivery item -> delivery document - > customer inquiry repeat	

## **SWOT Analysis**

**Table 4. SWOT Analysis** 

Tuble 1. 8 V O I Illiuly 313			
Strengh	Weakness	Opportunity	Threat
1. Backup by	1. Selective	1.	1. Tight
multinational	consumer	Development	competition
company	based on	of other	among
<ol><li>Guarantee</li></ol>	financial	business line	distributor
product	condition	stream	2. Big
	2. Give	<ol><li>Open new</li></ol>	customer
	limited access	market	always

3.	on credit	outside	directly order
Formulation	payment for	jabodetabek	to principle
services	consumer	3. Still	<ol><li>Illegal</li></ol>
<ol><li>Attitude</li></ol>	<ol><li>Limited</li></ol>	limited	product in
and integrity	vehicle	number of	the market
as priority	4. Online	distributor	often broke
5. Has	sector has low	open	the market
marketplace	number of	marketplace	price
account	repeating	shop	•
channel	orders	4. Still can	
		compete	
		with reseller	
		(retail shop)	

#### **Porter Five Force Framework**

Here below Porter's Five Forces Analysis in specific distributor-based business model of raw material industry. The company is between supplier (manufacture that produce the raw materials) and customer (manufacture that produce the finished goods or retail business)

Table 5. Porter's Five Force Framework

ri amewoi k				
Five	Item	Assessment		
Porter's				
Aspect				
Substitute product	- low amount of substitute product	Low pressure (favourable)		
product	in the market to replace the same function	(14.0414610)		
	- Not many			
	substitutes product has better			
	performance			
	- Buyer have high			
	cost to switching to substitute which			
	has same function			
Buyer's		High pressure		
bargaining	- Buyer demand is high in this	(unfavourable)		
product	industry	(umavourable)		
1	- Switching cost to			
	another competitor			
	is low			
	- Buyers are large			
	and linier to			
	amount of industry			
	sellers			
Supplier's	- Supplier's products	High pressure		
bargaining	are standardized as	(unfavourable)		
product	commodities			
	- Company has no potential to do own			
	integrated self-			
	manufacture sen-			
	- There is limited			
	(just one that big)			
	supplier that can			
	give best price due			
	to distributor status			

Potential	- Customers have	e Low pressure
new	weak branc	F
entrants		,
Cilitanis	preferences and o	
	loyalty to	)
	incumbent	
	- High barrier entry	
	due to distributo	r
	status	
	- Capital	
	requirement is high	1
	- Government	
	policies and trade	
	policies and areas	
	restrictive	
Director		. IIiah Duagauna
Rivalry	- Buyer demand in	
among	this industry is	s (unfavourable)
competing	slow	
seller	- Buyer cost to	=
	switching brand is	5
	low, easy to switch	ì
	to another brand	
	- Competitor are	2
	numerous and	1
	abundant type o	f
	similar produc	
	exist in the market	·
	exist in the market	

From Porter Five Force analysis above, we can conclude that several aspects become favourable and becomes advantage for specific distributor-based business model of raw material industry as follow: there is limited substitute product and limited potential of new entrants (2 of 5). The raw materials are specific usage that can't be easy replaced and substituted by another product that has same functions. The example of the usage of raw materials in finished good products is shampoo. Shampoo with certain raw materials still can used for washing body but not everyone will do it because the ingredient of making shampoo is different than body wash even though both can produce lot of foam and cleansing ability. The limited potential of new entrants is because not evervone can become main agent distributor (first-hand) the manufactures even they have lot of capital funding. The agent distributor is restricted account and can't be replaced easily with another company. The benefit of this issue is company can get

cheaper price of the product and has better margin to the market.

#### **PEST Analysis**

#### 1. Political

The political condition of the Indonesia is significantly affecting by political year in 2024 and 2023 as preparation year to determine the policy direction in future. Also, conflicting war in Rusia-Ukraine and Africa region gives big impact of delaying shipment then raising price of the raw materials due to fluctuation of dollar exchange rate.

#### 2. Economic

The Indonesia economic condition within business context affected by supply and demand which impacted by COVID-19 pandemic. The economic recovery on one side and political year on another side will be give huge influence of business condition in Indonesia

#### 3. Technology

The development of technology gives better raw materials and better opportunity to the company to compete with the other competitor

#### 4. Social

The company has no CSR program then do not give much impact also to the society because less interaction and relationship with society.

From the PEST Analysis, the biggest factor to influence the company macro-condition from external political, because it can't be controlled directly by company, the condition of political and safety not only will raise the price because of the shipment of the supply will be hampered but also will give impact to exchange rate of the country which raising or lowering the value of the raw materials. The higher exchange rate of US dollar to Indonesia Rupiah will give more margin to the company but the risk is higher exchange

rate will drop the demand of the products.

#### **CONCLUSION**

From this feedback of customer journey touchpoints, author concluded that current digital marketing strategy which is current marketplace channel was effective enough to catch new B2B customers but less effective to retain their consistency to buy via online transaction. Most of them prefer to buy via offline transaction due to several factors and its phenomena makes market channel becomes less effective on taking action's role because it can easily substitute with other online strategy such as website implementation. The most attractive of current strategy is its ability reach online customer mainstream platform and its capability to show off the product catalogue and each price. From this feedback research. author also check about low number of customers that conduct repeating order in next period. Most of them just buy once in range of the time not because their disappointed of PT BTC's services but due to their needs still low and needs more time to repeat order in the next period. Some of them found that they discontinue of the production. The others especially from outside Jabodetabek admit that offered price is good enough but the shipment cost is high and postponed their repeat order until they others cheaper can find shipping expedition

### RECOMMENDATION STRATEGY Digital Marketing Strategy Recomendation



### Figure 1. Proposed Strategy Framework

Based on illustration above, author purpose the strategy recommendation starting with multistep of developing and exploring its digital marketing strategy until it reaches mature and rich condition for better digital marketing system. PT BTC need to upgrade and complement its e-commerce strategy channel from marketplace-based channel only with establishing website as core and main of e-commerce strategy after evaluation feedback from customer's perspective and company's perspective. Establishing website as e-commerce strategy channel not removing previous marketplace channel, but it created to support and complement PT BTC's digital customer journey strategy better.

Developing new website needs supporting system to enhance credibility, quality content and high attractiveness, then company needs to develop Search Engine Optimization (SEO) due to more affordable strategy to improve website quality and engagement. Off-page and On-page on SEO strategy can be utilized to enhance website performance, but we will focus on On-Page strategy that suitable to improve content relevance for transactional-search website.

After the website and its system develop better and running automatically, company can improve its website performance by modifying website enabled to e-commerce facility. At this point, website can facilitate from pre-purchase until post-purchase process that makes customer can start inquiry online, checking order via availability and shipment schedule until shipping, then after-sales system already also to provide customer's licensing needs. Site map of website becomes important to figure what things that should be on website page.

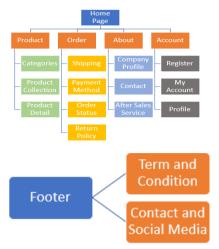


Figure 2. Proposed Site Map

# **Supporting Strategy Recommendation**

To support brand new marketing strategy, the company needs to remodel their marketing structure.



Figure 3. Current Company's Marketing Structure

On previous structure, marketing manager only has marketing division and sales division below its authority. The current needs of digital marketing not well-covered either by marketing or sales division. The task becomes overlap and confusing especially on recording each performance.



Figure 4. Proposed Company's Marketing Structure

On new structure, marketing division has two lines below its authority: E-Commerce Development and E-Commerce Maintenance. E-Commerce Development staff will focus creating new system of marketplace and website while E-Commerce Maintenance will focus on maintain marketplace and website running. With new structure, the proposed digital marketing strategy can be conducted better and each workforce can optimize on focusing their specific task based on timetable and objectives.

#### REFERENCES

Asbjørn Følstad, Knut Kvale, (2018)
"Customer journeys: a systematic literature review", Journal of Service Theory and Practice, Vol. 28 Issue: 2, pp.196-227, https://doi.org/10.1108/ JSTP-11-2014-0261

Creswell, J. 2002. Educational research:
Planning, conducting, and
evaluating quantitative and
qualitative research. Upper Saddle
River, NJ: Merrill Prentice Hall

Creswell, J. 2003. Research Design: Qualitative, quantitative, and mixed methods approach (2nd ed). Thousand Oaks, CA: SAGE Publications

Data Bridge Market Research. Asia
Pasific Surfactants Market —
Industry Trends and Forecast to
2029. Available from
<a href="https://www.databridgemarketrese">https://www.databridgemarketrese</a>
arch.com/reports/asia-pacificsurfactant-market [Accessed on 07
May 2023]

Edelman, D. C., & Singer, M. 2015. Competing on customer journeys. Harvard Business Review88–100 (November)

Gerard, M. 2014. The buyer's journey demystified by Forrester. Curata Blog. Available from

- http://curata.com/blog/the-buyers-journey-demystified-by-forrester.
  [Accessed on 04 June 23]
- Good, D., J., and Schultz, R., J. 2002. E-Commerce Strategies for Business-to-Business Service Firms in the Global Environment. American Business Review p. 111
- Gupta, S. 2022. 5 Evolving B2B Marketing Trends You Need To Know in 2022. Gartner. Available from
  - https://www.gartner.com/en/digital-markets/insights/b2b-
  - marketingtrends-2022 [Accessed on 5 June 2023]
- IPrice Insights. The Map of Marketplace in Indonesia. Available from <a href="https://iprice.co.id/insights/mapofecommerce/en/">https://iprice.co.id/insights/mapofecommerce/en/</a> [Accessed on 07 May 2023]
- Kartajaya, H., Kottler, P., Hooi, D., H. 2021. Winning the Future Marketing and Entrepreneurship in Harmony. World Scientific Publishing Co.Pte, Ltd
- Keat, P.G., Young, P.K.Y., Erfle, S.E. (2014). Managerial Economics Global Edition: Economic Tools for Today's Decision Makers (7<sup>th</sup> ed). England: Pearson Education Limited.
- Kotler, P., Kartajaya, H., Setiawan, I. (2017). Marketing 4.0 Moving from Traditional to Digital. New Jersey: John Wiley & Sons, Inc.
- Lemon, K. N., & Verhoef, P. C. (2016).

  Understanding Customer
  Experience Throughout the
  Customer Journey. Journal of
  Marketing, 80(6), 69–96. Lincoln,
  Y. S., & Guba, E. G. (1985).
  Naturalistic Inquiry. SAGE.
- Matias, R. 2018. The B2B buying process has changed: Here's how not to get left behind. Available from http://www.callboxinc.com/b2b-

- marketing-and-strategy/b2bbuying-process-changed-heresnot-get-left-behind/. [Accessed on 05 June 2023]
- Mordor Intelligence. Surfactants Market

   Growth, Trends, Covid-19
  Impact, and Forecasts (20232028). Available from
  https://www.mordorintelligence.c
  om/industry-reports/surfactantsmarket [Accessed on 07 May
  2023]
- Nagpal, M., Peterson, A. 2020. Keyword Selection Strategies in Search Engine Optimization: How Relevant is Relevance?. Journal of Retailing Vol 97 (4,2021) 746-763
- Osterwalder, A., Pigneur, Y. (2009).

  Business Model Generation.

  Netherland: Self Published at www.businessmodelgeneration.co

  m
- Porter, M., E. 2008. The Five Competitive Forces That Shape Strategy. Accessed in <a href="https://hbr.org/2008/01/the-five-competitive-forces-that-shape-strategy">https://hbr.org/2008/01/the-five-competitive-forces-that-shape-strategy</a>
- Putri, Rizky Rahmalina. 2021. Digital Marketing Strategy Formulation for Fashion Company Using Digital Customer Journey Approach: A Study on PVRA Brand, Master's Final Project, Institut Teknologi Bandung.
- Simonson, I., & Rosen, E. (2014). Absolute Value. New York: HarperCollins Publishers
- Steward, et al. 2019. From transactions to journeys and beyond: The evolution of B2B buying process modeling. Industrial Marketing Management Vol 83 2019 288-300
- Think with Google (February 2013). B2B's digital evolution. Available from http://www.thinkwithgoogle.com/marketing-

- resources/b2b-digital-evolution [Accessed 04 June 23]
- Thompson, A., Janes, A., Peteraf, M., Sutton, C., Gamble, J., & Strickland, A. (2020). Crafting and executing strategy: The quest for competitive advantage: Concepts and cases. McGraw hill.
- Transparency Market Research. Asia
  Pasific Surfactants Market.
  Available from
  <a href="https://www.transparencymarketre-search.com/asia-pacific-surfactants-market.html">https://www.transparencymarketre-search.com/asia-pacific-surfactants-market.html</a> [Accessed on 07 May 2023]
- Vantage Market Research. Surfactants Market – Global Industry Assesment & Forecast. Available from

https://www.vantagemarketresearch.com/industry-

report/surfactants-market-

1671#:~:text=The%20Global%20 Surfactants%20Market%20is,4.60 %25%20over%20the%20forecast %20period. [Accessed on 07 May 2023]

- Wahyudi, Setyo T., Jantan, Mohd D. (2010). Regional Patterns of Manufacturing Industries: A Study of Manufacturing Industries in Java Region, Indonesia. Philippine Journal of Development Number 68 First Semester 2010 Vol. XXXVII No. 1
- Witell, L., Kowalkowski, C., Perks, H., Raddats, C., Schwabe, M., Benedettini, O., & Burton, J. (2019). Characterizing customer experience management in business markets. Journal of Business Research. doi:10.1016/j.jbusres.20 19.08.050