

Identification of Potential for Increasing the Business Scale of BUMG Pulo Makmue with the AHP Method

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Abstract

The village is the lowest regional unit in the state administrative apparatus in Indonesia, where the village is currently entering a new era after the birth of the Village Law. Village are expected to become socially, culturally, economically, and politically independent. Village Owned Enterprises (BUMDes) as business and economic institutions is expected to welcome the village community to be more independent, especially in economy. Currently BMUG Pulo Makmue is still facing various obstacles in carrying out its operations, especially in determining business strategies to increase business scale based on priority scales. This study aims to determine the policy priorities that can be taken as a business strategy to increase the Business Scale of BMUG Ulee Makmue. With the increase in business scale, BMUG Pulo Makmue will become an independent and advanced BMUG so that it can meet the expectations of the people of Ulee Pulo Village in terms of improving their welfare. The research was conducted by conducting surveys and collecting data directly in the field while still applying the Covid 19 process. The research method used was the Analytical Hierarchy Process (AHP) analysis to determine the potential for developing study BUMDes in Ulee Pulo Village. The expected result in this study is the potential of Gampong that can be developed by considering the available resources based on a priority scale. To determine alternative priorities in developing the potential of Ulee Pulo Village in the criteria and level of importance of each potential. The criteria assessed are long-term prospects, working capital, and income.

Keywords: Potential Resources, Pulo Makmue BMUG, AHP, Gampong Development.

1. Introduction

Some of the things that become a fundamental problem for BUMDes in general are the limited human resources in managing the business units contained within the BUMDes itself. The lack of production management innovation for BUMDes whose business units are in the field of Production and tourism is a separate problem. The products produced by BUMDes have not been able to compete with factory-made production, and the ability to explore the local potential of the village and business planning is still lacking [1] [2]. The driving factors for village development include the many potentials that the village has, such as economic potential and environmental potential. In addition, the carrying capacity of the village community and village government is also very important for village progress. Meanwhile, what can hinder village development is a conflict of interest between the community and the village government which can result in village development programs being neglected or failing[3]–[9].

Pulo Makmue BMUG in Ulee Pulo Village, Dewantara District, North Aceh Regency is one of the relatively new BUMDes established in 2019 based on the Gampong Ulee Pulo Qanun Number 02 of 2019 [10]. Based on this, the existence of BUMDes is an important consideration for channeling village community initiatives in developing village potential ,managing and utilizing the potential of village natural resources, optimizing human resources (village residents) in their management, and the existence of capital participation from the village government in the form of village financing and assets that are submitted to be managed as part of BUMDes [11]. Through the development of village potential accompanied by community participation in managing BUMDes, it will encourage the village economy and create village economic independence[12]–[14] [15].

2. Literature Review

2.1 Village Owned Enterprises (BUMDes)

BUMDes is a business entity established through a Village Regulation based on the results of the Village Deliberation, based on a Village Regulation, and does not require ratification from a Notary Deed. However, based on Article 7 of Law Number 6 of 2014 concerning Villages, BUM Desa can consist of business units that are legal entities such as Limited Liability Companies (PT) and Micro Finance Institutions (LKM) [11] [16]. The legal basis for BUMDes includes Law Number 6 of 2014 concerning Villages; Government Regulation Number 43 of 2014 concerning Implementing Regulations of Law Number 6 of 2014 concerning Villages; and Regulation of 2015 concerning Amendments to the Implementing Regulations of Law Number 6 of 2014 concerning Villages; and Regulation of



the Minister of Villages, Development of Disadvantaged Regions, and Transmigration Number 4 of 2015 concerning the Establishment, Management and Management, and Dissolution of Village-Owned Enterprises. The objectives of BUMDes include improving the village economy, optimizing village assets to benefit the welfare of the village, increasing community efforts in managing the economic potential of the village to create employment opportunities, improving community welfare through improving public services, growth, and income distribution. village economy; and increase village community income and Village Original Income. Village Capital Participation, consisting of grants from the private sector, community socio-economic institutions and/or donor agencies, Government assistance through the Village APB mechanism, Village Assets submitted to the Village APB in accordance with the provisions of the legislation on Village Assets[17]–[19] [20].

2.2 Process Analytical Hierarchy (AHP)

The Analytical Hierarchy Process (AHP) method is an analytical method developed by Thomas L. Saaty in the 1970s. This method can be used to structure problems and make decisions about alternatives. In its development, AHP is not only used to determine priority choices with many criteria, but its application has penetrated into various alternative models, such as cost-benefit analysis, portfolio selection, forecasting, and others. This method is one of the multi-criteria decision-making models that can help the human frame of mind where the factors of logic, experience, knowledge, emotions, and feelings are optimized into a systematic process[21]–[24] [25].

Basically AHP is a method used to solve complex and unstructured problems into groups, by arranging the groups into a hierarchy, then entering numeric values as a substitute for human perception in making relative comparisons. Synthesis will be able to determine which element has the highest priority.

2.3. Prioritize each element.

This priority is generated from a pairwise comparison matrix between all elements at the same hierarchical level[26]. Each element/criteria contained in the hierarchy must be weighed relative to each other. The aim is to determine the level of interest/preference of the parties concerned in the matter. The first step in determining the priority of the arrangement of elements is to make pairwise comparisons, which is to compare all elements in pairs for each hierarchical subsystem. The comparison is then converted into a matrix for numerical analysis purposes. An example of a comparison matrix is stated in table 1 below:

Table 1. Pairwise comparison matrix							
В	1	2	3		An		
1	11	12	13		a1n		
2	21	22	23		a2n		
n	n1	n2	n3		Ann		

The aij value is the comparison value of the elements Ai with Aj which states:

1. How far is Ai's importance compared to Aj .'s

2. How big is Ai's contribution to criterion B compared to Aj

3. How many properties of criterion B are found in Ai compared to Aj

If the value of aij is known, then aji = 1/aij. The numerical value used for the above comparison is obtained from the comparison scale made by Saaty, as shown in table 2:

Intensity	Interest Description	Explanation
1	Both elements are equally important	Two elements have the same effect on the goal
3	One element is slightly more important than the other	The rating is slightly in favor of one element com- pared to its partner
5	One element is more important than the other	The assessment is very concerned about one ele- ment over its partner
7	Elements of which one is more important than the other	Elements of which one is more preferable and practical dominance is very real compared to its partner elements
9	Absolute more important	One element is shown to be absolutely preferable to its partner element at the highest level of con- fidence
2,4,6,8	Middle value between two adjoining opinions	Given when there is a judgment between two ad- jacent judgments
The opposite of value when con	The above value: if element i get one of the above values when npared to element i. $(aji=1/aji)$	compared to element j, then element j has the opposite

Table 2. Assessment guidelines in pairwise comparisons

Source: Saaty, 1998: 54

2.4. Determining Weight

The weights reflect the results of the comparison (comparison). The weight of each component is expressed by wi, w2,..., wn. To get the weight wi for each aij assessment, the work is carried out in three stages.

a. First stage

Assume that the comparison is based on accurate real measurement results. To compare A1 with A2, benchmarks are taken from the weight of each component. In the ideal case (which is based on exact measurement results), the relationship between the weight wi and the judgment aij is as follows:

aij = wi/wj for ij = 1, 2, ..., n. (1).

The value of wl/w2 with ij = 1, 2, ..., n was obtained from the participants based on the assessment of table 2 above. If the weighting vector of the operating elements A1, A2, ..., An is expressed as a vector w = (wl, w2, ..., wn), then the value of the intensity of importance of the operating elements A1 compared to A2 can be expressed as a ratio of the weights of the elements of Operation A1 to A2 is wl/w2 which is equal to a12 so the original comparison matrix can be shown in table 3 below:

	Table 3. Weight comparison matrix								
1 2 An									
1	1/w1	1/w2		w1/n					
2	2/w1	2/w2		w2/n					
					-				
N	n/w1	n/w2		wn/wn					

b. Second Stage

To see how much of an appropriate allowance for deviations is, consider row I of matrix A. The elements of the row are: ail, ai2, ..., ain. In the ideal case, these values are equal to the ratio: wi/wl, wi/w2, ..., wi/wn. If you multiply the first element of the row by wi, the second element by w2, and so on, you get: wi /wl.wl = wi.wi /w2.w2 = wi, ..., wi / wj.wj = wi, ..., wi /wn.wn = wi

The result is a row with identical elements: wi, wi, wi, ..., wi or wi = mean of (ail. wi, ai2. w2, ..., ain. wn)

So get: Σ aijwj = nwi i = 1,2,....n Which is equivalent to the equation AW = nW

c. Third phase

In the real case, the aij value is not always equal to wi/wj, so the solution to the above equation will be obtained. Henceforth, the value of n is replaced by a vector, so that:

AW = λ W, where λ = (λ 1, λ 2, λ 3, ..., λ n)

Every λn that satisfies equation (4) is called an eigenvalue, while the vector W is called an eigenvector. If matrix A is a consistent matrix then all eigenvalues are 0 except one which is equal to n. If matrix A is an inconsistent matrix, small variations in aij will make t the largest eigenvalue max remains close to n, and the other eigenvalues are close to zero. The value of max can be found from : AW- λ maks.W Or (A - λ maksI)W = 0

where I is the identity matrix and 0 is the zero matrix.

3. Methods

The research method to be carried out is to conduct field research to identify the potential of Pulo Makmue BMUG. The method used to determine the identified potential of Ulee Pulo Village is the Analytic Hierarchy Process (AHP) method[26]–[28]. By using this method, the priority scale of several alternatives regarding the potential of Ulee Pulo Village will be found. The complete research steps are shown in Figure 1 below:



Fig 1. Research Methodology

4. Results and Discussion

4.1. The Economic Potential of Ulee Pulo Desa Village

4.1.1 Agriculture

The concept of food security according to Law Number 7 of 1996 is the condition of fulfilling food for households which is reflected in the availability of sufficient food, both in quantity and quality, safe, equitable, and affordable. Ulee Pulo village has very suitable soil conditions for rice fields. Rice is the leading commodity in Ulee Pulo Village, facilities and infrastructure, especially irrigation, are very supportive. Rice from agriculture in Ulee Pulo Village is marketed around North Aceh. In addition to planting rice, the people in Ulee Pulo Village also plant secondary crops, such as corn, beans, cucumbers, chilies, and others. With the potential of Ulee Pulo Village, especially in the agricultural sector, it should be one of the potentials that must be considered, because of adequate infrastructure and the creation of farmer groups (gapoktan) which are expected to increase crop productivity. However, there are several obstacles related to increasing crop productivity in the agricultural sector recently, including:

a. the majority of farmers in Ulee Pulo Village are not land owners, but farm laborers;

- b. farmer regeneration is almost non-existent;
- c. the number of farm laborers is decreasing every year;
- d. distribution of farmers' crops cannot be directly sold to the market but must be through middlemen;
- e. the reduction of productive agricultural land in Ulee Pulo Village.

4.1.2 Fishery

The fisheries sector plays an important role in creating jobs, providing food, and as a source of foreign exchange for the country. One of the fisheries sub-sectors, namely aquaculture, has an increasingly important role in development in Indonesia. Ulee Pulo Village as a freshwater center area in Aceh has a large potential for freshwater fisheries. This can be an opportunity to open a business in the fisheries sector.

Gampong Ulee Pulo is a center for freshwater fish cultivation in North Aceh Regency, ranging from fish breeding, enlargement to the production of processed fish products. As many as 50 heads of families work as fish cultivators. However, there are obstacles that are felt by fish cultivators in Ulee Pulo Village in running their business, including:

- a. Knowledge of sales and marketing management is still lacking;
- b. The cost of production and maintenance of ponds increases every year;
- c. Farmers' knowledge of technological developments is very low;

4.1.3. Buy and sell

Trade is an economic activity that connects producers to consumers. As a distribution activity, trade guarantees the circulation, distribution, and supply of goods through market mechanisms. The large population of Ulee Pulo makes the consumptive level of the population also very high. People try to fulfill their needs and wants. This opens up opportunities for people to become entrepreneurs. A business that provides daily necessities is very necessary so that it becomes a very promising business opportunity. Gampong Ulee Pulo is located 4 kilometers from the city center of North Aceh Regency which is the main route to the city from several villages with high population density. In addition, Gampong Ulee Pulo is an area of the Medan-Banda Aceh highway so that it becomes a strategic area in building village markets.

4.1.4 Livestock

Livestock is the activity of breeding and raising livestock to obtain the benefits and results of these activities. Livestock in Ulee Pulo Village is very small compared to other commodities. However, increasing productivity in the livestock sector can be increased with the participation of the government through relevant agencies on how to introduce possible types of livestock for the community in Ulee Pulo Village.

4.1.5 Community Creative Economy

According to Soemodiningrat, creative industries that rely on talent, skills, and creativity are the basic elements of every individual. The main elements of the creative industry are creativity, expertise, and talent that have the potential to increase welfare through the offering of intellectual creations. Seeing the large number of human resources and raw materials that can be processed, Ulee Pulo Village has the potential to develop industries in the creative economy sector. The development of the community's creative industry in Ulee Pulo Village is quite developed, as evidenced by the emergence of a cottage industry formed from Acehnese specialties. In addition to food in Ule Pulo Village, other creative industries have also emerged, including the clothing industry, textile industry, and handicraft industry, such as making wallets and bags. One of the obstacles that occur in increasing the productivity of this community-based home-based creative industry is the marketing factor. The difficulty of getting Home Industry Food (PIRT) and even registering with the Food and Drug Supervisory Agency (BPOM) makes this home industry seem to be suspended.

4.1.6 Transportation Service

Transportation Services is a business field that provides services for the transportation or transfer of goods and/or people with a certain distance and the capital used. This type of business is one of the most developed business fields today. In this era, most of the Indonesian people are very dependent on the means of transportation. People's dependence on this means of transportation is also a business opportunity. The reason is that there will be no end to the consumers of public transport. In addition, with the development of online shopping activities, freight forwarding services are also a sector that must be developed. This can be a source of income.

4.2 Determining Alternative Priorities

To determine alternative priorities in developing the potential of Ulee Pulo Village, the model used is the Analytical Hierarchy Process. Where this model is one model that is suitable for determining the priority of several available alternatives. The steps in determining the priority scale for developing the potential of Ulee Pulo Village are as follows:

4.2.1 Setting Goals

The purpose of using the Analytical Hierarchy Process (AHP) is to identify the potential of villages to develop BUMG Ulee Pulo.

4.2.2 Determining Criteria

There are several criteria to identify Gampong Potential to Develop BUMG Ulee Pulo, which are as follows:

- a. Long Term Prospects
- b. Initial capital
- c. Income (Revenue)

4.2.3 Determining Alternatives

To identify the potential of the village to develop BUMG Ulee Pulo, there are several alternatives that can be chosen, namely as follows: a. Fisheries

- Ricefield b.
- Creative Economy C.
- d. Trade
- e.
- Transportation f. Farmland

4.2.4 Assessment Criteria

To identify the potential of gampongs to develop BUMG Ulee Pulo, it was determined by distributing questionnaires to determine the criteria and level of importance of each potential. The number of questionnaires distributed was 30 ex, the number of returned questionnaires was 25 ex. The results of the questionnaire processing can be seen in the priority of each potential criteria desired by the respondents as shown in table 1 below:

Table 1. Criteria Weight

No	Criteria	Priority of
1	Long Term Prospect	1
2	Startup Capital	2
3	Income	3

4.2.5 Developing Criteria in Pairwise Comparison Matrix

Based on table 1 above, it can be arranged into a pairwise comparison matrix as in table 2 below:

Table	2. C	omparison	of Paired	Criteria
-------	-------------	-----------	-----------	----------

	Long Term Prospect	Startup Capital	Income
Long Term Prospect	1	3	5
Startup Capital	1/3	1	3
Income	1/5	1/3	1

4.2.6 Setting the AHP Hierarchy

The hierarchical structure of the problem of Gampong Potential to Develop BUMG Ulee Pulo can be arranged in the form of an AHP hierarchy as shown in Figure 1 below:



Fig 1. Hierarchical Model of Village Potential for Development of BUMG Ulee Pulo

4.2.7 Calculations Using Analytical Hierarchy Process (AHP)

There are several steps in determining alternative priorities using AHP, which are as follows:a.



b. Weight Criteria

- a. Long Term Outlook 0.63
- b. Working Capital 0.26
- c. Revenue 0.11

For the results of the calculation of the potential weight of the village to develop BUMG Ulee Pulo can be seen in Figure 2 below:



Fig 2. Results of Calculation of Village Potential Weights for the Development of BUMG Ulee Pulo

c. Calculation of Consistency Ratio (CR)

$$A = \begin{bmatrix} 1 & 3 & 5 \\ 0.33 & 1 & 3 \\ 0.2 & 0.33 & 1 \end{bmatrix} \qquad X = \begin{bmatrix} 0.63 \\ 0.26 \\ 0.1 \end{bmatrix} \qquad AX = \begin{bmatrix} 1.91 \\ 0.77 \\ 0.31 \end{bmatrix}$$
$$\alpha \max \begin{bmatrix} 0.63 \\ 0.26 \\ 0.1 \end{bmatrix}$$
$$\lambda \max = \begin{bmatrix} \begin{pmatrix} 1.91 \\ 0.63 \\ 0.26 \\ 0.1 \end{bmatrix} + \begin{pmatrix} 0.77 \\ 0.26 \end{pmatrix} + \begin{pmatrix} 0.31 \\ 0.1 \end{pmatrix} \Big]/n$$
$$\lambda \max = \begin{bmatrix} \begin{pmatrix} 1.91 \\ 0.63 \\ 0.26 \\ 0.1 \end{bmatrix}$$
$$\lambda \max = \begin{bmatrix} \begin{pmatrix} 0.63 \\ 0.26 \\ 0.1 \end{bmatrix} \right)$$
$$\lambda \max = \begin{bmatrix} \begin{pmatrix} 0.63 \\ 0.26 \\ 0.1 \end{bmatrix}$$
$$\lambda \max = \begin{bmatrix} 0.63 \\ 0.26 \\ 0.1 \end{bmatrix}$$
$$\lambda \max = \begin{bmatrix} 0.63 \\ 0.26 \\ 0.1 \end{bmatrix}$$

d. Cons

 $\lambda \max = (\lambda \max - n)/(n-1)$ $\lambda \max = (3.03 - 3)/(3 - 1)$ $\lambda max = 0.03/2$ $\lambda max = 0.015$

e. Calculation of Consistency Ratio (CR)

Calculate the Consistency Ratio (CR) value based on the Random Index (RI) value with table 3 as follows:

Table 3. Value of Random Index (RI)

						()				
Ν	1	2	3	4	5	6	7	8	9	10
RI	0.00	0.00	0.58	0.90	1.12	1.24	1.32	1.41	1.45	1.49

Based on the above data obtained Consistency Ratio:

CR = CI/RI

- = CI/0.58
- = 0.015/0.58
- = 0.026

0.026 < 0.015, then the evaluation is consistent.

4.2.8 Alternative Ranking

To determine the ranking of several alternative potential villages to develop BUMG Ulee Pulo are as follows:

a. Alternative Ranking (1): Long-Term Outlook

To determine the ranking of alternative long-term prospects can be seen in table 4 below:

Table 4. Ranking of Alternative Long-Term Prospects

	Fishery	Rice fields	Creative Economy	Trading	Transportation	farm
Fishery	1	2	1/3	1/3	2	2
Rice fields	1⁄2	1	1/3	1/3	2	2
Creative Economy	3	3	1	2	3	3
Trading	3	3	1/2	1	3	3
Transportation	1⁄2	1⁄2	1/3	1/3	1	2
farm	1⁄2	1/2	1/3	1/3	1/2	1

	r 1	2	0.33	0.33	2	2	
	0.5	1	0.33	0.33	2	2	
	3	3	1	2	3	3	
A –	3	3	0.5	1	3	3	
	0.5	0.5	0.33	0.33	1	2	
	L 0.5	0.5	0.33	0.33	0.5	1	
	8.5	10	2.82	4.32	11.5	13	
	0.12	0.2	0.12	0.08	0.17	0.15	51
	0.06	0.1	0.12	0.08	0.17	0.15	5
	0.35	0.3	0.34	0.46	0.26	0.23	
=	0.35	0.3	0.18	0.22	0.26	0.23	3
	0.06	0.05	0.12	0.08	0.09	0.15	5
	0.06	0.05	0.12	0.08	0.05	0.09	Ļ
	1	1	1	1 1	1		
	0.14						
	0.11						
v _	0.32						
Λ-	0.26						
	0.09						
	0.08						

b. Alternative Ranking (2): Business Capital

To determine the ranking of alternative venture capital can be seen in table 5 below:

Table 5. Ranking of Alternative Business Capital

		8		- · · ·		
	Fishery	Rice fields	Creative Economy	Trading	Transportation	Farm
Fishery	1	1/3	1/3	2	3	2
Rice fields	3	1	1/3	1/3	3	2
Creative Economy	3	3	1	3	3	3
Trading	1/2	3	1/3	1	3	3
Transportation	1/3	1/3	1/3	1/3	1	1/3
Farm	1/2	1/2	1/3	1/3	3	1



	0.12	0.04	0.12	0.29	0.19	ך 0.18
	0.36	0.12	0.12	0.05	0.19	0.18
	0.36	0.37	0.4	0.42	0.19	0.26
=	0.06	0.37	0.12	0.14	0.19	0.26
	0.04	0.04	0.12	0.05	0.05	0.03
	L _{0.06}	0.06	0.12	0.05	0.19	0.09
	1	1 1	1	1	1	
	Γ 0.16 ⁻	1				
	0.17					
v	0.33					
Λ=	0.19					
	0.06					
	L 0.09.	J				
4 1		D 1.	(3) T	(Τ	``	

c. Alternative Ranking (3): Income (Income)

To determine the ranking of income alternatives, it can be seen in table 6 below:

Table 6. Ranking of Income Alternatives

			0			
	Fishery	Rice fields	Creative Economy	Trading	Transportation	Farm
Fishery	1	2	1/3	1/3	2	2
Rice fields	1/2	1	1/3	1/3	2	2
Creative Economy	3	3	1	2	3	3
Trading	3	3	1/2	1	3	3
Transportation	1/2	1/2	1/3	1/3	1	2
Farm	1/2	1/2	1/3	1/3	1/2	1

	r 1	2	0.33	0.33	2	21	
A =	0.5	1	0.33	0.33	2	2	
	3	3	1	2	3	3	
	3	3	0.5	1	3	3	
	0.5	0.5	0.33	0.33	1	2	
	L _{0.5}	0.5	0.33	0.33	0.5	1	
	8.5	10	2.82	4.32	11.5	13	
	r0.12	0.2	2 0.1	2 0.0	08 0.	17	0.15
=	0.06	0.1	0.1	2 0.0	08 0.	17	0.15
	0.35	0.3	0.3	4 0.4	46 0.	26	0.23
	0.35	0.3	0.1	8 0.2	22 0.	26	0.23
	0.06	0.0	5 0.1	2 0.0	08 0.	09	0.15
	L0.06	0.0	5 0.1	2 0.0	08 0.	05	0.09 ·
	1	1	1	1		1	1
	0.14	1			$\begin{bmatrix} 0.33 & 2 & 2 \\ 2 & 3 & 3 \\ 1 & 3 & 3 \\ 0.33 & 1 & 2 \\ 0.33 & 0.5 & 1 \end{bmatrix}$ $\begin{bmatrix} 0.08 & 0.17 & 0.15 \\ 0.08 & 0.17 & 0.15 \\ 0.46 & 0.26 & 0.23 \\ 0.22 & 0.26 & 0.23 \\ 0.08 & 0.09 & 0.15 \\ 0.08 & 0.09 & 0.15 \\ 0.08 & 0.05 & 0.09 \\ 1 & 1 & 1 \end{bmatrix}$		
X =	0.11						
	0.32						
	0.26						
	0.09						
	L 0 08	J					

The results of the calculation of several alternative potential villages to develop BUMG Ulee Pulo can be seen in Figure 3 below:



Fig 3. Calculation of several alternative potential villages for development BUMG Ulee Pulo



Based on the results of calculations obtained using the Analytical Hierarchy Process (AHP) method, the alternative chosen is the potential of villages in the creative economy sector with a description that can be seen in table 7 below:

Table 7. Calculati	on results of severa	al alternative potentia	l villages to develo	op BUMG Ulee Pulo
			6	

No	Alternative	Weight	Priority to
1	Fishery	0.1452	3
2	Rice fields	0.1256	4
3	Creative Economy	0.3226	1
4	Trading	0.2418	2
5	Transportation	0.0822	6
6	farm	0.0826	5

5. Conclusion

Based on the identification of the potential for increasing the business scale of BUMG Pulo Makmue with the AHP method, the following conclusions can be drawn:

- Gampong Pulo Makmue has several economic potentials. These include agriculture, fisheries, trade, animal husbandry, creative economy, and transportation services. To determine alternative priorities in developing the potential of Ulee Pulo Village in the context of developing Ulee Pulo BUMG, it is determined by distributing questionnaires to determine the criteria and level of importance of each potential. The criteria assessed are long-term prospects, working capital, and income.
- 2. Based on the results of the analysis of data testing, it can be concluded that the AHP algorithm can be used to assist in making decisions regarding the determination of economic potential to develop BUMG Ulee Pulo. The results of the analysis show that the best business potentials based on the hierarchy of business potential are: (1) Creative Economy (2) Trade (3) Fisheries (4) Rice Fields (5) Livestock (6) Transportation.

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