





**Appendix 1. Research License**



**UNIVERSITAS MUHAMMADIYAH PONOROGO**  
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**SURAT KETERANGAN**  
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**UNIVERSITAS MUHAMMADIYAH PONOROGO**

Dengan ini kami nyatakan bahwa karya ilmiah dengan rincian sebagai berikut:

Nama : Deva Ananda Febriyan Fadilla

NIM : 18331985

Prodi : Pendidikan Bahasa Inggris

Judul : THE CORRELATION OF PLAYING THE ONLINE GAME MOBILE LEGEND: BANG  
 BANG TOWARDS STUDENTS READING COMPREHENSION AT MUHAMMADIYAH  
 UNIVERSITY OF PONOROGO

Dosen pembimbing :

1. Dr. Bambang Harmanto, S.Pd., M.Pd.
2. Diah Atiek Mustikawati, S.Pd., M.Hum.

Telah dilakukan check plagiasi berupa Skripsi di L2P Universitas Muhammadiyah  
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Demikian keterangan ini dibuat untuk digunakan sebagaimana mestinya.

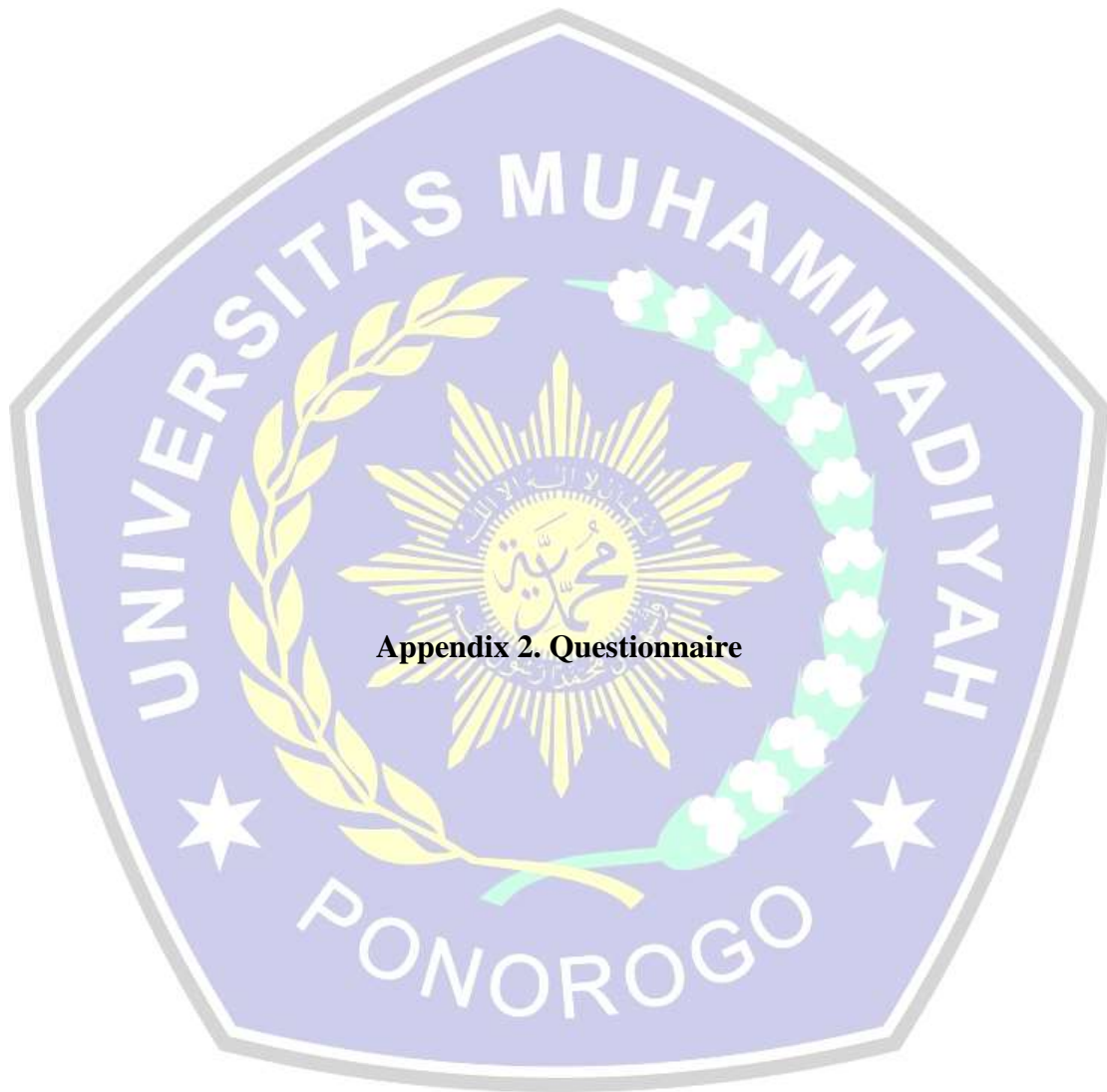
Ponorogo, 12 Juli 2022  
 Petugas pemeriksa



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Nb: Dosen pembimbing dimohon untuk mengecek kembali keaslian soft file karya ilmiah yang  
 telah diperiksa melalui Turnitin perpustakaan

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## QUESTIONNAIRE CORRELATION OF PLAYING ONLINE GAME MOBILE LEGENDS : BANG BANG ON READING COMPREHENSION

Quisioner ini di gunakan untuk mengetahui korelasi bermain Mobile Legend : Bang Bang terhadap kemampuan membaca mahasiswa Universitas Muhammadiyah Ponorogo. Data yang terkumpul akan di gunakan dalam pembuatan skripsi.

Giveaway :

Bagi responden yang beruntung akan mendapatkan :

- Saldo E-Wallet sebesar IDR. 50.000
- Skin Elite Mobile Legend : Bang Bang
- Starlight Card

Pemenang Giveaway akan di umumkan di Instagram @deva\_aff12

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\*Required

1. NAME \*

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2. NIM \*

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## 3. STUDY PROGRAM \*

Mark only one oval.

- ☐ PENDIDIKAN MATEMATIKA
- ☐ PENDIDIKAN BAHASA INGGRIS
- ☐ PPKN
- ☐ PG-PAUD
- ☐ MANAJEMEN
- ☐ AKUTANSI
- ☐ EKONOMI PEMBANGUNAN
- ☐ PENDIDIKAN AGAMA ISLAM
- ☐ PGMI
- ☐ PSIKOLOGI ISLAM
- ☐ PERPUSTAKAAN DAN INFORMASI
- ☐ EKONOMI SYARIAH
- ☐ ILMU PEMERINTAHAN
- ☐ ILMU KOMUNIKASI
- ☐ TEKNIK ELEKTRO
- ☐ TEKNIK MESIN
- ☐ TEKNIK INFORMATIKA
- ☐ ILMU HUKUM
- ☐ KEPERAWATAN
- ☐ KEBIDANAN

## 4. NOMOR WHATSAPP \*

Mobile Legend:  
Bang Bang  
Playing Habits

This text aims to find out your habits of  
playing Mobile Legend : Bang Bang

5. How long have you played this game? \*

*Mark only one oval.*

- ☐ Less than 3 months  
☐ 3 - 5 months  
☐ 6 - 12 months  
☐ 1 - 2 years  
☐ More than 2 years

6. How many hours did you spend playing this game ? \*

*Mark only one oval.*

- ☐ 10 - 20 minutes  
☐ 20 - 45 minutes  
☐ 45 minutes - 1 hour  
☐ 1 - 2 hours  
☐ More than 2 hours

7. Have you read the descriptions of the latest heroes, skills, equipment and patches in this game? \*

*Mark only one oval.*

- ☐ Never  
☐ Sometimes  
☐ Neutral  
☐ Frequently  
☐ Very frequently

8. Are you having trouble understanding the description text in this \* game?

*Mark only one oval.*

- ☐ Very frequently  
☐ Frequently  
☐ Neutral  
☐ Sometimes  
☐ Never

9. Does the description text help you understand this game? \*

*Mark only one oval.*

- ☐ Very unhelpful  
☐ Less helpful  
☐ Neutral  
☐ Helpful  
☐ Very helpful

10. Has your reading comprehension improved while playing this \* game?

*Mark only one oval.*

- ☐ Not very much improved  
☐ Slightly improved  
☐ Neutral  
☐ Improved  
☐ Very Improved

11. Is reading comprehension needed to understand this game? \*

Mark only one oval.

- ☐ Very unneeded  
☐ Unneeded  
☐ Neutral  
☐ Needed  
☐ Very Needed

#### READING TEST

This test aims to determine reading comprehension

12. 1. Explain what you understand from the description below? \*

Edith and Phylax become overloaded for 3 seconds after each skill cast, during which Edith's Basic Attacks can trigger chain lightning. The chain lightning deals 90 (+6 × Hero Level) (+40% Total Magic Power) extra Magic Damage to up to 4 enemies. Minions take 150% damage from the chain lightning.

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13. 2. Explain what you understand from the description below? \*

After a short delay, Yin pulls an enemy (excluding pets and clones) into his domain for up to 8 seconds and turns Lieh. When in the domain, the two cannot be affected by other heroes' skills. Lieh has stronger skills and 20-60 extra Physical Defense and Magic Defense. The domain will end early if any of the two heroes are killed. If Lieh successfully kills the enemy, he'll restore 20% Max HP, leave the domain with the cooldowns of Frenzy Strike and Instant Blast reset, and continue to fight as Lieh for 8 seconds. If Yin fails to pull his target into his domain, the skill will enter a 3s cooldown.

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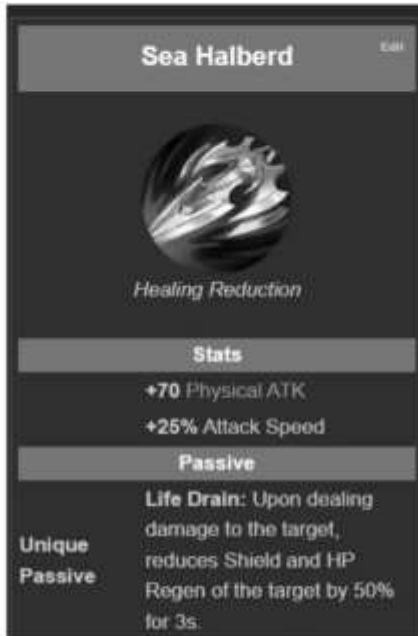
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14. 3. Explain what you understand from the item description below? \*



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15. 4. Explain what you understand from the description below? \*

After channeling for 0.6 seconds, Yu Zhong transforms into the Black Dragon form and starts charging. In up to 7 seconds, he gains Control Immunity, ignores obstacles, and increases Max HP by 600-1000 (+200% Extra Physical Attack), dealing 180-310 (+80% Total Physical Attack) Physical Damage to enemy heroes on the path and knocking them back. Upon exiting the Black Dragon form, Yu Zhong deals the same amount of damage to enemies nearby and enters Dragonoid form for 10 seconds with the help of the remaining influence of the Black Dragon. The Dragonoid form improves the range of all his skills.

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16. 5. Explain what you understand from the description below? \*

"Cuddles, protect me! For 4 seconds, let no bad guys come close. Unless I say otherwise!" (When activated, the field knocks back enemies in the area and deals 500-900 (+100% Total Magic Power) Magic Damage to them. It'll then continuously knock back enemies who attempt to enter the field, dealing 50-90 (+10% Total Magic Power) Magic Damage and briefly (how long?) slowing them [by 60%]. The field will also interrupt the enemy's movement skills unless they're immune to control effects. The field will move with Melissa once when she's about to move out of the boundary. Passive: Learning this skill permanently increases Melissa's Physical and Magic Defense by [4.5-7.5 each]. This effect is increased to 3 times when the skill is active.)

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NO	NAMA	INISIAL	MLBB ENGAGEMENT	READING TEST
1	Aldy Oki Jatnika Putra	AOJP	28	84
2	An Nuur Rafli	ANR	29	84
3	ARISTA CRISANDANA	AC	27	84
4	Arif Adi Prasetyo	AAP	26	80
5	Bambang Suciarmojo	BS	25	68
6	Bryan Topaz Al Tabrany	BTAT	30	80
7	Candra Cahya Setya Pradana	CCSP	28	76
8	Daffa Rizky	DR	27	72
9	Danu Fransisco Permana	DFP	29	76
10	Dhika Nour Aisyiyah	DNA	29	80
11	Edi Harsono	EH	25	68
12	Fajar	FF	26	72
13	Ferdiansyah Massa	FM	28	88
14	Fitra Muhammad Muhibbuddin	FMM	26	76
15	Hafidz Rizal Wahyudi	HRW	27	76
16	Husein Husama Al Rasyid	HHAR	28	92
17	Ilham Rokhman S	IRS	29	84
18	Ismail Abdullah	IA	32	92
19	Kevin Prasetya M.	KPM	31	88
20	Mohammad Dewangga Ardiantama	MDA	28	76
21	Muhammad Faraz Zanziden	MFZ	29	84
22	Muhammad Khairul Fahrizal	MKF	27	80
23	Nadifa Gita S	NGS	31	96
24	Resa Budi Prasetyo	RBP	30	80
25	Shoqib Rama Bayu Maheza	SRBM	31	80
26	Sigid Wahyudi	SW	29	84
27	Vernanda Wahyu Dwi Saputra	VWDS	28	72
28	Windu	WW	29	92
29	Yusuf Akbar Pamungkas	YAP	26	76
30	Dinda Septyana	DS	31	96





#### **Appendix 4. Univariate Analysis**

## UNIVARIATE ANALYSIS MLBB

### Statistics

#### MLBB ENGAGEMENT

N	Valid	30
	Missing	0
Mean		28.30
Median		28.00
Mode		29
Std. Deviation		1.878
Variance		3.528
Range		7
Minimum		25
Maximum		32

#### MLBB ENGAGEMENT

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	25	2	6.7	6.7	6.7
	26	4	13.3	13.3	20.0
	27	4	13.3	13.3	33.3
	28	6	20.0	20.0	53.3

29	7	23.3	23.3	76.7
30	2	6.7	6.7	83.3
31	4	13.3	13.3	96.7
32	1	3.3	3.3	100.0
Total	30	100.0	100.0	



## UNIVARIATE ANALYSIS READING

### Statistics

#### READING TEST SCORE

N	Valid	30
	Missing	0
Mean		81.20
Median		80.00
Mode		76 <sup>a</sup>
Std. Deviation		7.658
Variance		58.648
Range		28
Minimum		68
Maximum		96

a. Multiple modes exist. The smallest value is shown

#### READING TEST SCORE

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	68	2	6.7	6.7	6.7
	72	3	10.0	10.0	16.7

76	6	20.0	20.0	36.7
80	6	20.0	20.0	56.7
84	6	20.0	20.0	76.7
88	2	6.7	6.7	83.3
92	3	10.0	10.0	93.3
96	2	6.7	6.7	100.0
Total	30	100.0	100.0	





### One-Sample Kolmogorov-Smirnov Test

		MLBB ENGAGEMENT	READING TEST SCORE
N		30	30
Normal Parameters <sup>a,b</sup>	Mean	28.30	81.20
	Std. Deviation	1.878	7.658
Most Extreme Differences	Absolute	.121	.129
	Positive	.121	.129
	Negative	-.112	-.087
Test Statistic		.121	.129
Asymp. Sig. (2-tailed)		.200 <sup>c,d</sup>	.200 <sup>c,d</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.



### Case Processing Summary

	Included		Cases Excluded		Total	
	N	Percent	N	Percent	N	Percent
MLBB ENGAGEMENT ^	30	100.0%	0	0.0%	30	100.0%
READING TEST SCORE						

### Report

MLBB ENGAGEMENT			
READING TEST SCORE	Mean	N	Std. Deviation
68	25.00	2	.000
72	27.00	3	1.000
76	27.33	6	1.211
80	28.83	6	1.941
84	28.50	6	.837
88	29.50	2	2.121
92	29.67	3	2.082
96	31.00	2	.000
Total	28.30	30	1.878





ANOVA Table

MLBB ENGAGEMENT * READING TEST SCORE	Between Groups	Sum of Squares		df	Mean Square		F	Sig.
		(Combined)						
		Linearity						
		Deviation from Linearity						
		Within Groups						
		57.467		7	8.210	4.028	.006	
		50.545		1	50.545	24.803	.000	
		6.922		6	1.154	.566	.753	
		44.833		22	2.038			
	Total	102.300		29				

Measures of Association

	R	R Squared	Eta	Eta Squared
MLBB ENGAGEMENT * READING TEST SCORE	.703	.494	.749	.562



**Appendix 7. Correlation Test**

### Correlations

		MLBB ENGAGEMENT	READING TEST SCORE
MLBB ENGAGEMENT	Pearson Correlation	1	.703**
	Sig. (2-tailed)		.000
	N	30	30
READING TEST SCORE	Pearson Correlation	.703**	1
	Sig. (2-tailed)	.000	
	N	30	30

\*\* . Correlation is significant at the 0.01 level (2-tailed).





No	Question
1	<p>Edith and Phylax become overloaded for 3 seconds after each skill cast, during which Edith's Basic Attacks can trigger chain lightning. The chain lightning deals 90 (+6 × Hero Level) (+40% Total Magic Power) extra Magic Damage to up to 4 enemies.</p> <p>Minions take 150% damage from the chain lightning.</p> <p><b>What do you understand from the description above?</b>  <i>( apa yang anda pahami dari deskripsi di atas ? )</i></p>
2	<p>After a short delay, Yin pulls an enemy (excluding pets and clones) into his domain for up to 8 seconds and turns Lieh. When in the domain, the two cannot be affected by other heroes' skills. Lieh has stronger skills and 20-60 extra Physical Defense and Magic Defense.</p> <p>The domain will end early if any of the two heroes are killed. If Lieh successfully kills the enemy, he'll restore 20% Max HP, leave the domain with the cooldowns of Frenzy Strike and Instant Blast reset, and continue to fight as Lieh for 8 seconds.</p> <p>If Yin fails to pull his target into his domain, the skill will enter a 3s cooldown.</p> <p><b>What do you understand from the description above?</b>  <i>( apa yang anda pahami dari deskripsi di atas ? )</i></p>
3	<p><b>Sea Halberd</b></p> <p><b>Stats :</b></p> <p>+70 Physical ATK</p> <p>+25% Attack Speed</p> <p><b>Unique passive :</b></p> <p>Life Drain: Upon dealing damage to the target, reduces Shield and HP Regen of the target by 50% for 3s</p> <p><b>What do you understand from the description above?</b>  <i>( apa yang anda pahami dari deskripsi di atas ? )</i></p>
4	<p>After channeling for 0.6 seconds, Yu Zhong transforms into the Black Dragon form and starts charging. In up to 7 seconds, he gains Control Immunity, ignores obstacles, and increases Max HP by 600–1000 (+200% Extra Physical Attack), dealing 180–310 (+80% Total Physical Attack) Physical Damage to enemy heroes on the path and knocking them back.</p>

	<p>Upon exiting the Black Dragon form, Yu Zhong deals the same amount of damage to enemies nearby and enters Dragonoid form for 10 seconds with the help of the remaining influence of the Black Dragon. The Dragonoid form improves the range of all his skills.</p> <p><b>What do you understand from the description above?</b> ( <i>apa yang anda pahami dari deskripsi di atas ?</i> )</p>
5	<p>"Cuddles, protect me! For 4 seconds, let no bad guys come close. Unless I say otherwise!" (When activated, the field knocks back enemies in the area and deals 500–900 (+100% Total Magic Power) Magic Damage to them. It'll then continuously knock back enemies who attempt to enter the field, dealing 50–90 (+10% Total Magic Power) Magic Damage and briefly[how long?] slowing them [by 60%]. The field will also interrupt the enemy's movement skills unless they're immune to control effects. The field will move with Melissa once when she's about to move out of the boundary. Passive: Learning this skill permanently increases Melissa's Physical and Magic Defense by [4.5–7.5 each]. This effect is increased to 3 times when the skill is active.)</p> <p><b>What do you understand from the description above?</b> ( <i>apa yang anda pahami dari deskripsi di atas ?</i> )</p>

### ASSESSMENT RUBRIC

No	5	4	3	2	1
1	The subject can understand and rewrite the meaning of the specified text using their language and following the meaning contained in the text	The subject can understand and rewrite the meaning of the specified text using their language	The subject can understand and rewrite the meaning of the specified text but there are still errors	The subject cannot understand and rewrite the meaning of the specified text	Wrong answer but still trying to answer
2	The subject can understand and rewrite the meaning of the specified text using their language and following the	The subject can understand and rewrite the meaning of the specified text using their language	The subject can understand and rewrite the meaning of the specified text but there are still errors	The subject cannot understand and rewrite the meaning of the specified text	Wrong answer but still trying to answer

	meaning contained in the text				
<b>3</b>	The subject can understand and rewrite the meaning of the specified text using their language and following the meaning contained in the text	The subject can understand and rewrite the meaning of the specified text using their language	The subject can understand and rewrite the meaning of the specified text but there are still errors	The subject cannot understand and rewrite the meaning of the specified text	Wrong answer but still trying to answer
<b>4</b>	The subject can understand and rewrite the meaning of the specified text using their language and following the meaning contained in the text	The subject can understand and rewrite the meaning of the specified text using their language	The subject can understand and rewrite the meaning of the specified text but there are still errors	The subject cannot understand and rewrite the meaning of the specified text	Wrong answer but still trying to answer
<b>5</b>	The subject can understand and rewrite the meaning of the specified text using their language and following the meaning contained in the text	The subject can understand and rewrite the meaning of the specified text using their language	The subject can understand and rewrite the meaning of the specified text but there are still errors	The subject cannot understand and rewrite the meaning of the specified text	Wrong answer but still trying to answer



### QUESTIONNAIRE RESPONSE

	Q1	Q2	Q3	Q4	Q5	Q6	Q7
5	23	6	2	3	9	5	4
4	7	18	23	12	17	16	24
3	0	6	5	14	4	8	2
2	0	0	0	1	0	1	0
1	0	0	0	0	0	0	0

