

## LAMPIRAN

### Lampiran 1 . Kuesioner

**KUESIONER PENELITIAN**

**JUDUL PENELITIAN** : ANALISIS TINGKAT KEPUASAN PENGGUNA  
*WEBSITE SMA NEGERI 3 TORAJA UTARA*  
MENGUNAKAN METODE  
*END USER COMPUTING SATISFACTION (EUCS)*

**Identitas Responden**

Nama Lengkap : Kurnia Tarima Sembu'  
Kelas : XI AS  
Jurusan :  
Umur : 16 tahun  
Jenis Kelamin : Perempuan

**Keterangan Cara Pengisian**

Berilah tanda centang pada kolom berikut untuk setiap pernyataan sesuai dengan kenyataan. Skala penilaian ialah angka 1-5 untuk memberikan penilaian anda dengan memberikan tanda centang (✓) pada salah satu jawaban pada kolom tersedia, dengan keterangan sebagai berikut.

1 : Sangat Tidak Setuju  
2 : Tidak Setuju  
3 : Cukup Setuju/Netral  
4 : Setuju  
5 : Sangat Setuju

Isi (Content)		Penilaian				
Kode	Pernyataan	1	2	3	4	5
C1.1	Menurut saya Website SMA Negeri 3 Toraja Utara memberikan informasi yang tepat dan sesuai kebutuhan saya				✓	
C1.2	Website SMA Negeri 3 Toraja Utara menyajikan informasi yang jelas					✓
C1.3	Isi dan informasi yang dihasilkan oleh Website SMA Negeri 3 Toraja Utara sangat membantu saya				✓	
Akurat (Accuracy)		Penilaian				
Kode	Pernyataan	1	2	3	4	5
A2.1	Website SMA Negeri 3 Toraja Utara menyajikan data dan informasi yang akurat				✓	
A2.2	Hasil output pada layar sistem telah sesuai dengan apa yang saya perintahkan				✓	
A2.3	Website SMA Negeri 3 Toraja Utara jarang terjadi error saat digunakan				✓	

Bentuk (Format)						
No	Pernyataan	Penilaian				
		1	2	3	4	5
F3.1	Kombinasi atau perpaduan warna pada website SMA Negeri 3 Toraja Utara sudah tepat dan sesuai			✓		
F3.2	Desain tampilan Website SMA Negeri 3 Toraja Utara memiliki <i>layout</i> (tata letak) menu yang teratur dan rapi				✓	
F3.3	Jenis dan ukuran <i>font</i> (huruf) jelas dan tampilan antar muka (interface) sistem sangat menarik				✓	
Kemudahan penggunaan (Ease Of Use)						
No	Pernyataan	Penilaian				
		1	2	3	4	5
E4.1	Menurut saya website SMA Negeri 3 Toraja Utara bersifat <i>user-friendly</i> (mudah digunakan) di berbagai perangkat			✓		
E4.2	Tidak membutuhkan waktu lama untuk mempelajari sistem				✓	
E4.3	Fitur yang ada dalam sistem sangat jelas dan memudahkan				✓	
Ketepatan Waktu (Timeliness)						
No	Pernyataan	Penilaian				
		1	2	3	4	5
T5.1	Website SMA Negeri 3 Toraja Utara menyajikan informasi secara cepat saat dibutuhkan				✓	
T5.2	Website SMA Negeri 3 Toraja Utara memberikan informasi ter- <i>update</i> atau terkini				✓	
T5.3	Website SMA Negeri 3 Toraja Utara memiliki layanan sistem yang tepat waktu saat dibutuhkan				✓	
Pengguna (User Satisfaction)						
No	Pertanyaan	Penilaian				
		1	2	3	4	5
Y1	Saya puas menggunakan website SMA Negeri 3 Toraja Utara				✓	
Y2	Saya tidak mengalami kesulitan saat menggunakan website SMA Negeri 3 Toraja Utara				✓	
Y3	Saya merekomendasikan website SMA Negeri 3 Toraja Utara kepada teman saya sebagai sumber informasi sekolah.				✓	

## Lampran 2. Surat Izin Penelitian



**UNIVERSITAS KRISTEN INDONESIA TORAJA  
FAKULTAS TEKNIK  
( FT - UKI TORAJA )**

Alamat : Jl. Poros Sa'dan Telp. (0423) 2920484, Kakondongan Rantepao  
Website: <http://ukitoraja.ac.id>; e mail: [Teknik@ukitoraja.ac.id](mailto:Teknik@ukitoraja.ac.id)

Nomor : PT.01.04/261/UKI Toraja-DFT/2025  
Lampiran : -  
Hal : Permohonan Izin Penelitian/Pengambilan Data (Sample)

Yang terhormat,  
Kepala SMAN 3 Toraja Utara  
di-

Tempat

Dengan Hormat,

Perkenankan kami menyampaikan bahwa salah satu tugas akhir yang harus diselesaikan mahasiswa Fakultas Teknik UKI Toraja adalah penyusunan skripsi. Sehubungan dengan itu maka melalui surat ini kami mohon kesediaan Bapak/Ibu menerima mahasiswa tersebut yang namanya di bawah ini untuk melakukan penelitian/pengambilan data (sample) pada Instansi / Lembaga / Jawatan / Perusahaan yang Bapak/Ibu pimpin. Adapun nama mahasiswa tersebut adalah :

No.	Nama Mahasiswa / Stambuk	Judul Penelitian Tugas Akhir	Dosen Pembimbing
1.	Salti 1222611195	Analisis Tingkat Kepuasan Pengguna Website SMA Negeri 3 Toraja Utara Menggunakan Metode End User Computing Satisfaction (EUCS).	1. Ir. Eko Suropto Pasinggi, ST., M.Eng. 2. Ir. Juprianus Rusman, S.Kom., MT

Demikian permohonan kami, atas perhatian dan kerjasamanya di ucapkan terima kasih.

Rantepao, 04 Juni 2025  
Dekan Fakultas Teknik,   
  
**Dr. Ir. Nitha, ST., MT, IPM., ASEAN Eng.**  
NIDN: 0902117802

**Tembusan :**

1. Ketua Program Studi Teknik Informatika UKI Toraja
2. Arsip

### Lampiran 3. Dokumentasi Pengumpulan Data







**Lampiran 4. Uji Coba 30 Kuesioner**

		<b>Correlations</b>			
		C1.1	C1.2	C1.3	Content
C1.1	Pearson Correlation	1	.344	.407*	.720**
	Sig. (2-tailed)		.063	.026	.000
	N	30	30	30	30
C1.2	Pearson Correlation	.344	1	.700**	.846**
	Sig. (2-tailed)	.063		.000	.000
	N	30	30	30	30
C1.3	Pearson Correlation	.407*	.700**	1	.863**
	Sig. (2-tailed)	.026	.000		.000
	N	30	30	30	30
Content	Pearson Correlation	.720**	.846**	.863**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	30	30	30	30

\*. Correlation is significant at the 0.05 level (2-tailed).

		<b>Correlations</b>			
		A2.1	A2.2	A2.3	Accuracy
A2.1	Pearson Correlation	1	.462*	.285	.765**
	Sig. (2-tailed)		.010	.127	.000
	N	30	30	30	30
A2.2	Pearson Correlation	.462*	1	.594**	.865**
	Sig. (2-tailed)	.010		.001	.000
	N	30	30	30	30
A2.3	Pearson Correlation	.285	.594**	1	.749**
	Sig. (2-tailed)	.127	.001		.000
	N	30	30	30	30
Accuracy	Pearson Correlation	.765**	.865**	.749**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	30	30	30	30

\*. Correlation is significant at the 0.05 level (2-tailed).

		<b>Correlations</b>			
		F3.1	F3.2	F3.3	Format
F3.1	Pearson Correlation	1	.374*	.223	.689**
	Sig. (2-tailed)		.042	.237	.000
	N	30	30	30	30
F3.2	Pearson Correlation	.374*	1	.470**	.788**
	Sig. (2-tailed)	.042		.009	.000
	N	30	30	30	30
F3.3	Pearson Correlation	.223	.470**	1	.784**
	Sig. (2-tailed)	.237	.009		.000
	N	30	30	30	30
Format	Pearson Correlation	.689**	.788**	.784**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	30	30	30	30

\*. Correlation is significant at the 0.05 level (2-tailed).

		<b>Correlations</b>			
		E4.1	E4.2	E4.3	Ease_of_use
E4.1	Pearson Correlation	1	.653**	.519**	.848**
	Sig. (2-tailed)		.000	.003	.000
	N	30	30	30	30
E4.2	Pearson Correlation	.653**	1	.559**	.872**
	Sig. (2-tailed)	.000		.001	.000
	N	30	30	30	30
E4.3	Pearson Correlation	.519**	.559**	1	.822**
	Sig. (2-tailed)	.003	.001		.000
	N	30	30	30	30
Ease_of_use	Pearson Correlation	.848**	.872**	.822**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	30	30	30	30

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

		T5.1	T5.2	T5.3	Timeliness
T5.1	Pearson Correlation	1	.470**	.185	.681**
	Sig. (2-tailed)		.009	.327	.000
	N	30	30	30	30
T5.2	Pearson Correlation	.470**	1	.495**	.867**
	Sig. (2-tailed)	.009		.005	.000
	N	30	30	30	30
T5.3	Pearson Correlation	.185	.495**	1	.750**
	Sig. (2-tailed)	.327	.005		.000
	N	30	30	30	30
Timeliness	Pearson Correlation	.681**	.867**	.750**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	30	30	30	30

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

		Y1	Y2	Y3	Satisfaction
Y1	Pearson Correlation	1	.533**	.444*	.804**
	Sig. (2-tailed)		.002	.014	.000
	N	30	30	30	30
Y2	Pearson Correlation	.533**	1	.431*	.811**
	Sig. (2-tailed)	.002		.018	.000
	N	30	30	30	30
Y3	Pearson Correlation	.444*	.431*	1	.795**
	Sig. (2-tailed)	.014	.018		.000
	N	30	30	30	30
Satisfaction	Pearson Correlation	.804**	.811**	.795**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	30	30	30	30

\*\* . Correlation is significant at the 0.01 level (2-tailed).  
\* . Correlation is significant at the 0.05 level (2-tailed).

Reliability Statistics	
Cronbach's Alpha	N of Items
.830	4

Reliability Statistics	
Cronbach's Alpha	N of Items
.830	4

<b>Reliability Statistics</b>	
Cronbach's Alpha	N of Items
.802	4

<b>Reliability Statistics</b>	
Cronbach's Alpha	N of Items
.845	4

<b>Reliability Statistics</b>	
Cronbach's Alpha	N of Items
.812	4

<b>Reliability Statistics</b>	
Cronbach's Alpha	N of Items
.827	4

<b>Jurusan</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kelas x	56	20.0	20.0	20.0
	Sains A	113	40.4	40.4	60.4
	Sains B	111	39.6	39.6	100.0
	Total	280	100.0	100.0	

Jenis Kelamin					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	99	35.4	35.4	35.4
	Perempuan	181	64.6	64.6	100.0
	Total	280	100.0	100.0	

Usia					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	14	2	.7	.7	.7
	15	61	21.8	21.8	22.5
	16	131	46.8	46.8	69.3
	17	70	25.0	25.0	94.3
	18	14	5.0	5.0	99.3
	19	2	.7	.7	100.0
	Total	280	100.0	100.0	

### Lampiran 5. Uji Validitas

Correlations					
		C1.1	C1.2	C1.3	Content
C1.1	Pearson Correlation	1	.630**	.431**	.822**
	Sig. (2-tailed)		.000	.000	.000
	N	280	280	280	280
C1.2	Pearson Correlation	.630**	1	.531**	.869**
	Sig. (2-tailed)	.000		.000	.000
	N	280	280	280	280
C1.3	Pearson Correlation	.431**	.531**	1	.795**
	Sig. (2-tailed)	.000	.000		.000
	N	280	280	280	280
Content	Pearson Correlation	.822**	.869**	.795**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	280	280	280	280

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

		Correlations			
		A2.1	A2.2	A2.3	Accuracy
A2.1	Pearson Correlation	1	.516**	.410**	.795**
	Sig. (2-tailed)		.000	.000	.000
	N	280	280	280	280
A2.2	Pearson Correlation	.516**	1	.360**	.779**
	Sig. (2-tailed)	.000		.000	.000
	N	280	280	280	280
A2.3	Pearson Correlation	.410**	.360**	1	.783**
	Sig. (2-tailed)	.000	.000		.000
	N	280	280	280	280
Accuracy	Pearson Correlation	.795**	.779**	.783**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	280	280	280	280

\*\*.

\*\*.

		Correlations			
		F3.1	F3.2	F3.3	Format
F3.1	Pearson Correlation	1	.539**	.396**	.794**
	Sig. (2-tailed)		.000	.000	.000
	N	280	280	280	280
F3.2	Pearson Correlation	.539**	1	.560**	.854**
	Sig. (2-tailed)	.000		.000	.000
	N	280	280	280	280
F3.3	Pearson Correlation	.396**	.560**	1	.799**
	Sig. (2-tailed)	.000	.000		.000
	N	280	280	280	280
Format	Pearson Correlation	.794**	.854**	.799**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	280	280	280	280

\*\*.

\*\*.

		Correlations			
		E4.1	E4.2	E4.3	Ease_of_use
E4.1	Pearson Correlation	1	.520**	.544**	.830**
	Sig. (2-tailed)		.000	.000	.000
	N	280	280	280	280
E4.2	Pearson Correlation	.520**	1	.480**	.810**
	Sig. (2-tailed)	.000		.000	.000
	N	280	280	280	280
E4.3	Pearson Correlation	.544**	.480**	1	.827**
	Sig. (2-tailed)	.000	.000		.000
	N	280	280	280	280
Ease_of_use	Pearson Correlation	.830**	.810**	.827**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	280	280	280	280

\*\*.

\*\*.

		T5.1	T5.2	T5.3	Timeliness
T5.1	Pearson Correlation	1	.500**	.629**	.831**
	Sig. (2-tailed)		.000	.000	.000
	N	280	280	280	280
T5.2	Pearson Correlation	.500**	1	.630**	.823**
	Sig. (2-tailed)	.000		.000	.000
	N	280	280	280	280
T5.3	Pearson Correlation	.629**	.630**	1	.897**
	Sig. (2-tailed)	.000	.000		.000
	N	280	280	280	280
Timeliness	Pearson Correlation	.831**	.823**	.897**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	280	280	280	280

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

		Y1	Y2	Y3	Satisfaction
Y1	Pearson Correlation	1	.717**	.559**	.877**
	Sig. (2-tailed)		.000	.000	.000
	N	280	280	280	280
Y2	Pearson Correlation	.717**	1	.657**	.906**
	Sig. (2-tailed)	.000		.000	.000
	N	280	280	280	280
Y3	Pearson Correlation	.559**	.657**	1	.837**
	Sig. (2-tailed)	.000	.000		.000
	N	280	280	280	280
Satisfaction	Pearson Correlation	.877**	.906**	.837**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	280	280	280	280

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

## Lampiran 6. Uji Reliabilitas

Reliability Statistics	
Cronbach's Alpha	N of Items
.838	4

Reliability Statistics	
Cronbach's Alpha	N of Items
.818	4

<b>Reliability Statistics</b>	
Cronbach's Alpha	N of Items
.833	4

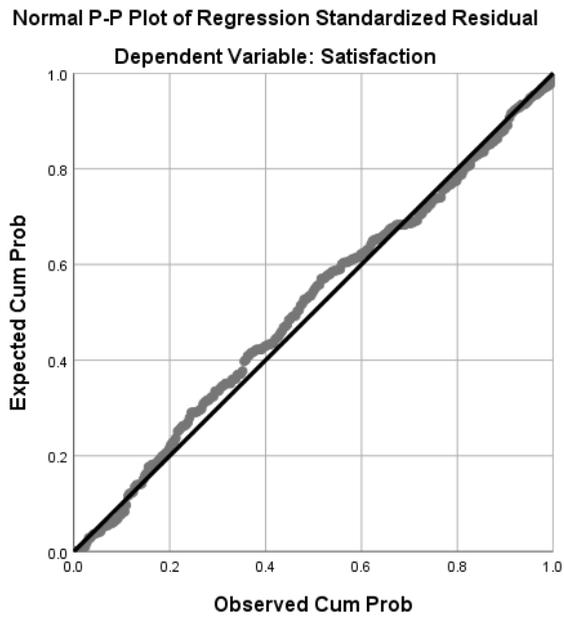
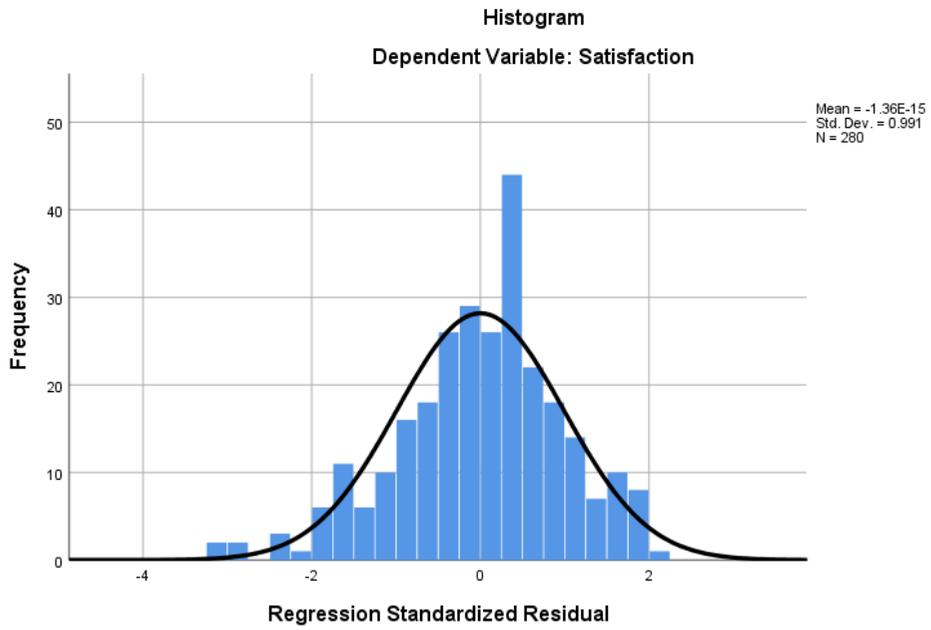
<b>Reliability Statistics</b>	
Cronbach's Alpha	N of Items
.836	4

<b>Reliability Statistics</b>	
Cronbach's Alpha	N of Items
.846	4

<b>Reliability Statistics</b>	
Cronbach's Alpha	N of Items
.854	4

**Lampiran 9. Uji Normalitas**

<b>One-Sample Kolmogorov-Smirnov Test</b>		
		Unstandardized Residual
N		280
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	1.45841184
Most Extreme Differences	Absolute	.027
	Positive	.026
	Negative	-.027
Test Statistic		.057
Asymp. Sig. (2-tailed)		.300 <sup>c</sup>
<p>a. Test distribution is Normal.</p> <p>b. Calculated from data.</p> <p>c. Lilliefors Significance Correction.</p>		



## Lampiran 10. Uji Linearitas

ANOVA Table			Sum of Squares	df	Mean Square	F	Sig.
Satisfaction * Content	Between Groups	(Combined)	361.478	11	32.862	8.253	.000
		Linearity	342.896	1	342.896	86.118	.000
		Deviation from Linearity	18.583	10	1.858	.467	.911
	Within Groups		1067.090	268	3.982		
	Total		1428.568	279			

ANOVA Table			Sum of Squares	df	Mean Square	F	Sig.
Satisfaction * Accuracy	Between Groups	(Combined)	504.166	12	42.014	12.135	.000
		Linearity	420.388	1	420.388	121.423	.000
		Deviation from Linearity	83.778	11	7.616	2.200	.215
	Within Groups		924.401	267	3.462		
	Total		1428.568	279			

ANOVA Table			Sum of Squares	df	Mean Square	F	Sig.
Satisfaction * Format	Between Groups	(Combined)	419.890	11	38.172	10.142	.000
		Linearity	374.090	1	374.090	99.394	.000
		Deviation from Linearity	45.800	10	4.580	1.217	.280
	Within Groups		1008.678	268	3.764		
	Total		1428.568	279			

ANOVA Table			Sum of Squares	df	Mean Square	F	Sig.
Satisfaction * Ease_of_use	Between Groups	(Combined)	454.709	11	41.337	11.376	.000
		Linearity	434.397	1	434.397	119.543	.000
		Deviation from Linearity	20.312	10	2.031	.559	.847
	Within Groups		973.859	268	3.634		
	Total		1428.568	279			

ANOVA Table			Sum of Squares	df	Mean Square	F	Sig.
Satisfaction * Timeliness	Between Groups	(Combined)	859.461	11	78.133	36.794	.000
		Linearity	828.378	1	828.378	390.095	.000
		Deviation from Linearity	31.083	10	3.108	1.464	.153
	Within Groups		569.107	268	2.124		
	Total		1428.568	279			

### Lampiran 11. Uji Multikolinearitas

Coefficients <sup>a</sup>								
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	2.577	.572		4.506	.000		
	Content	.011	.065	.010	.168	.867	.394	2.536
	Accuracy	.077	.064	.069	1.200	.231	.462	2.163
	Format	-.024	.066	-.022	-.364	.716	.408	2.454
	Ease Of Use	-.102	.071	-.095	-1.425	.155	.340	2.944
	Timeliness	.764	.066	.796	11.553	.000	.319	3.131

a. Dependent Variable: Satisfaction

### Lampiran 12. Uji Heteroskedastisitas

Coefficients <sup>a</sup>						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.923	.345		2.673	.008
	Content	-.002	.039	.055	.068	.954
	Accuracy	-.077	.039	.172	.979	.149
	Format	.023	.040	.052	.567	.571
	Ease Of Use	-.058	.043	.135	.335	.183
	Timeliness	.128	.040	.335	.213	.101

a. Dependent Variable: ABS\_RES

### Lampiran 13. Uji Parsial

Coefficients <sup>a</sup>						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.577	.572		4.506	.000
	Content	.011	.065	.010	2.168	.002
	Accuracy	.077	.064	.069	3.200	.002
	Format	-.024	.066	.022	2.364	.001
	Ease Of Use	-.102	.071	-.095	-.176	.355
	Timeliness	.764	.066	.796	3.553	.001

a. Dependent Variable: Satisfaction

**Lampiran 14. Uji Simultan**

ANOVA <sup>a</sup>						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	835.145	5	167.029	77.122	.001 <sup>b</sup>
	Residual	593.423	274	2.166		
	Total	1428.568	279			

a. Dependent Variable: Satisfaction  
b. Predictors: (Constant), Timeliness, Content, Accuracy, Format, Ease Of Use

**Lampiran 14. t Tabel**

df (N-2)	Tabel Distribusi t					
	Tingkat Signifikansi					
	One Tail	0.05	0.025	0.01	0.005	0.0005
Two Tail	0.1	0.05	0.02	0.01	0.001	
262		1.6506903	1.9690597	2.3406647	2.5947241	3.3280468
263		1.6506680	1.9690250	2.3406099	2.5946518	3.3279027
264		1.6506459	1.9689905	2.3405556	2.5945800	3.3277596
265		1.6506240	1.9689563	2.3405017	2.5945088	3.3276177
266		1.6506022	1.9689223	2.3404481	2.5944381	3.3274768
267		1.6505806	1.9688886	2.3403950	2.5943679	3.3273371
268		1.6505592	1.9688552	2.3403423	2.5942983	3.3271983
269		1.6505379	1.9688220	2.3402900	2.5942292	3.3270606
270		1.6505167	1.9687890	2.3402381	2.5941605	3.3269240
271		1.6504958	1.9687563	2.3401865	2.5940925	3.3267883
272		1.6504750	1.9687238	2.3401354	2.5940249	3.3266537
273		1.6504543	1.9686916	2.3400846	2.5939578	3.3265200
274		1.6504338	1.9686596	2.3400341	2.5938912	3.3263874
275		1.6504134	1.9686279	2.3399841	2.5938251	3.3262557
276		1.6503932	1.9685963	2.3399344	2.5937594	3.3261250
277		1.6503732	1.9685650	2.3398851	2.5936943	3.3259952
278		1.6503532	1.9685340	2.3398361	2.5936296	3.3258664
279		1.6503335	1.9685031	2.3397875	2.5935654	3.3257385
280		1.6503138	1.9684725	2.3397393	2.5935016	3.3256115
281		1.6502943	1.9684421	2.3396913	2.5934384	3.3254855
282		1.6502750	1.9684119	2.3396438	2.5933755	3.3253603
283		1.6502557	1.9683819	2.3395965	2.5933131	3.3252361
284		1.6502367	1.9683522	2.3395496	2.5932512	3.3251127

Lampiran 15. Tabel r

df (N-2)	Tabel Distribusi r					
	Tingkat Signifikansi					
	One Tail	0.05	0.025	0.01	0.005	0.0005
Two Tail	0.1	0.05	0.02	0.01	0.001	
260		0.1018420	0.1212197	0.1436629	0.1588829	0.2021531
261		0.1016473	0.1209885	0.1433897	0.1585815	0.2017728
262		0.1014538	0.1207587	0.1431181	0.1582818	0.2013946
263		0.1012614	0.1205301	0.1428481	0.1579838	0.2010185
264		0.1010700	0.1203029	0.1425795	0.1576875	0.2006445
265		0.1008798	0.1200769	0.1423125	0.1573929	0.2002725
266		0.1006906	0.1198522	0.1420470	0.1570999	0.1999027
267		0.1005024	0.1196287	0.1417829	0.1568086	0.1995349
268		0.1003154	0.1194065	0.1415203	0.1565188	0.1991691
269		0.1001293	0.1191855	0.1412592	0.1562307	0.1988053
270		0.0999443	0.1189658	0.1409995	0.1559441	0.1984435
271		0.0997603	0.1187472	0.1407412	0.1556591	0.1980836
272		0.0995774	0.1185299	0.1404844	0.1553757	0.1977258
273		0.0993954	0.1183138	0.1402289	0.1550938	0.1973698
274		0.0992144	0.1180988	0.1399749	0.1548134	0.1970158
275		0.0990344	0.1178850	0.1397222	0.1545346	0.1966636
276		0.0988554	0.1176723	0.1394709	0.1542573	0.1963134
277		0.0986774	0.1174608	0.1392209	0.1539814	0.1959650
278		0.0985003	0.1172505	0.1389723	0.1537070	0.1956184
279		0.0983241	0.1170412	0.1387250	0.1534341	0.1952737
280		0.0981489	0.1168331	0.1384790	0.1531626	0.1949308
281		0.0979747	0.1166261	0.1382343	0.1528926	0.1945897
282		0.0978013	0.1164202	0.1379909	0.1526240	0.1942504
283		0.0976289	0.1162153	0.1377488	0.1523568	0.1939128
284		0.0974574	0.1160116	0.1375080	0.1520910	0.1935770
285		0.0972868	0.1158089	0.1372684	0.1518266	0.1932430

Lampiran 16. Tabel f

DF	1	2	3	4
260	3.877473	3.030516	2.639321	2.406362
261	3.877334	3.030382	2.639188	2.406229
262	3.877196	3.030248	2.639056	2.406097
263	3.877059	3.030116	2.638925	2.405967
264	3.876924	3.029985	2.638795	2.405837
265	3.876789	3.029855	2.638666	2.405708
266	3.876655	3.029725	2.638538	2.405580
267	3.876522	3.029597	2.638412	2.405453
268	3.876391	3.029470	2.638286	2.405327
269	3.876260	3.029343	2.638161	2.405201
270	3.876130	3.029218	2.638036	2.405077
271	3.876001	3.029094	2.637913	2.404954
272	3.875874	3.028970	2.637791	2.404832
273	3.875747	3.028847	2.637670	2.404710
274	3.875621	3.028726	2.637549	2.404590
275	3.875496	3.028605	2.637430	2.404470
276	3.875372	3.028485	2.637311	2.404351
277	3.875248	3.028366	2.637193	2.404233
278	3.875126	3.028248	2.637076	2.404116
279	3.875005	3.028130	2.636960	2.404000
280	3.874884	3.028014	2.636845	2.403885
281	3.874764	3.027898	2.636730	2.403770
282	3.874645	3.027783	2.636616	2.403656
283	3.874527	3.027669	2.636504	2.403543
284	3.874410	3.027556	2.636391	2.403431
285	3.874294	3.027443	2.636280	2.403320
286	3.874178	3.027332	2.636170	2.403209
287	3.874064	3.027221	2.636060	2.403100
288	3.873950	3.027111	2.635951	2.402991
289	3.873837	3.027001	2.635843	2.402882
290	3.873724	3.026893	2.635735	2.402775

## DAFTAR RIWAYAT HIDUP PENULIS



**SALT**, Lahir di Bori' pada tanggal 01 Maret 2004, merupakan anak ketiga dari empat bersaudara dari pasangan Bapak Yansens Sangi dan Ibu Meri Palungan. Pada tahun 2009 sampai tahun 2014 penulis mulai menginjak dunia pendidikan di Sekolah Dasar Negeri 12 Sa'dan. Pada tahun 2014 sampai tahun 2017 penulis melanjutkan pendidikan di Sekolah Menengah Pertama Negeri 1 Sa'dan. Pada tahun 2017 sampai tahun 2020 penulis melanjutkan pendidikan di Sekolah Menengah Atas Negeri 7 Toraja Utara. Kemudian pada tahun 2021 penulis melanjutkan pendidikan ke jenjang perguruan tinggi di Universitas Cokroaminoto Palopo, kemudian konversi pada tahun 2022 ke Universitas Kristen Indonesia Toraja dengan mengambil jurusan Teknik Informatika Fakultas Teknik , jenjang strata satu (S1). Berkat ketekunan, kerja keras dan perjuangan yang penuh serta dorongan dari berbagai pihak , maka pada tahun 2025 penulis bisa menyelesaikan pendidikan dengan gelar Sarjana Komputer di Universitas Kristen Indonesia Toraja. Penulis dapat dihubungi melalui No. HP. 082253678682 dan e-mail saltisangi678.@gmail.com. Sa'dan Matallo

**(Amsal 23:18)**

***Karna masa depan sungguh ada dan harapanmu tidak akan hilang.***