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Universitas Brawijaya **REVIEW OF RELATED LITERATURE** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas In this chapter the researcher discusses some theories related to phonological stars Brawijava

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process and two previous studies. Universitas Brawijaya AS BRAH

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Universit 2.1. Theoretical framework

In this chapter the researcher provides some review of related literature that Universi supports this study. They are phonology and phonetics, phonological process, sitas Brawijaya

Universi phonology of Indonesia, phonology of Madurese, loan words, Madurese speakers

Universitin Sumberkerang village of Gending district probolinggo regency and previous

Universitstudy.

2.1.1. Phonology and Phonetics

Universit2.1.1.1.Phonology

Universitas Phonology is a branch of linguistic study which discusses how the sounds are University organized and use as language. Every people are using language to communicate.

Universi Language as the tool of communication and sound is something that makes people it as Brawlay Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya understands what others mean. Lass (1991) states that, phonology deals with the Universit function, behavior and organization of sound in linguistics items. In this case, sitas Brawijaya

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universi phonology is one of linguistics branches concerned with the study of languagesitas Brawijava sound. Based on Chaer (2009) phonology is the study of language sound as the

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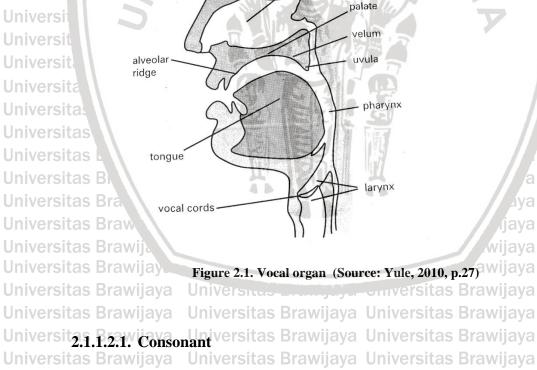
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nasal cavity

articulation and manner of articulation. Based on Yule (2010) place of articulation Iniversitas Brawijaya, Universitas B Universitas Brawijaya Universitas Brawijaya

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rawijaya	Universitas Brawijaya	Universitas	Brawijaya	Universitas	Brawijaya	Universitas	Brawijaya
rawijaya	Universities where the sound	t is articulate	or produce.	Meanwhile, ma	anner of articu	lation is sitas	Brawijaya
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rawijaya	Universitas Brawijaya _B	And the second westmant to second the second	/m/,/p/,/b/	Universitas		Universitas	Brawijaya
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rawijaya	Universitis PALATOAL		/ʃ/, /ʒ/, /ʧ/, /d		rawijaya	Universitas	Brawijaya
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Iniversitas Brawijaya

Universi Table. 2.1. Consonant Place of articulation

VELAR

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There are nine place of articulation where the sounds are produced. First is bilabial, sitas Brawijaya Universit according to Yule (2010) bilabial is sounds that are produced by using two lips. Sitas Brawijaya Universit This process happen while upper and lower lips meet when producing the sound sites Brawijava /m/ as voiced sound, /p/ as voiceless sound, and /b/ as voiced sound. Universitas Second is labiodental, based on Yule (2010) labiodental is sounds that aresitas Brawijava produced by using the upper teeth and lower lips. This process happens while Universitupper teeth and lower lip meet when producing the sound /f/ as voiceless sound sitas Brawijaya Universitas Brawija Universit and /v/ as voiced sound. Universities Third is interdental, according to Yule (2010) interdental is producing sound University putting the tongue tip between upper and lower teeth. This pronunciation sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universit process happens while pronouncing the sound θ and θ and θ are gravijaya. Universitas Brawijaya Fourth is alveolar, alveolar is sound that produced by putting the tongue tip in Universitas **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijava Universithe alveolar ridge, behind the upper teeth. Based on Yule (2010, p.28) said "these sitas Brawijaya Universitas Brawijaya

Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitate sounds formed with the front part of the tongue on the alveolar ridge, which is Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universithe rough, bony ridge immediately behind and above the upper teeth". This it as Brawijava rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya pronunciation happens while pronouncing the sound /t/, /d/, /s/, /z/, and /n/. Universitas Brawijaya rawijaya rawijaya rawijaya Universitas Fifth, based on Yule (2010) palatoalveolar is sound that produced by tonguesitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universit pronouncing the sound /f/, /3/, /t/, $/d_3/$. ersitas Brawijaya – Universitas Brawijaya Universitas Sixth is palatal, based on Yule (2010) palatal is sound which is produced bysitas Brawijava tongue and palate. Palate is a hard part in the roof of mouth. One sound which Universit belongs to palatal is /j/. Universit Seventh, based on Yule (2010) labiovelar is sound formed by lips rounded rawijaya and the back of the tongue touch the soft palate or velum. One sound which rawijaya rawijaya Universi belongs to labiovelar is /w/. Eighth is velar, according to Yule (2010) velar is sound which is produced rawijaya Universit with the back of tongue towards the soft palate or velum. The sounds which sitas Brawijaya Universitielong to velar are /k/, /g/, and / η /. Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitarticulation. Based on Yule (2010) glottis sound is formed by air passes out of sitas Brawijaya Universi mouth when the glottis is open. Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya **Universitas Brawijaya** Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya

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 Table. 2.2. Consonant Manner of articulation

Universitas Not only place of articulation in determining consonant, but there is also itas Brawijaya Universitas Brawijaya Universi manner of articulation. Manner of articulation is how the sounds of consonants aresitas Brawijaya Iniversitas Brawijaya produced. There are six kinds of manner of articulation those are; First, plosive or stop is producing a sound with blocking the air flows withsitas Brawijaya both lips and continue by sudden release air. Based on Yule (2010, p.31) said "the Brawlay Universit_{set /p/, /b/, /t/, /k/, /d/, /g/ are all produced by some form of "stopping" of the air sitas Brawijaya} Universistream (very briefly) then letting it go abruptly". Universitas Second, according to Yule (2010, p.31) said affricative is "blocking the air" Universitstream and having the air push through the very narrow opening". Fricative issitas Brawijaya produced by forcing air towards the narrow gap moving two vocal organs together Universitio restrict the release sound. The sound belongs to fricative are /f/, /v/, /s/, /z/, /ʒ/, sitas Brawijaya awijava Universitas Brawijaya Universit/f/, /0/ and /ð/.a Universite Universitas Brawijava, Universitas Brawijava, Universitas Brawijava, Universitas Brawijava Third, affricate is a combination process of plosive and fricative. Affricate Universitas Brawijava tas Brawijaya Universit sound begin as plosive sound with blocking the air flows then continue by sudden Sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universi release air and end as fricative sound with blocking the air stream and having air streas Brawijava University push through very narrow opening. Based on Yule (2010, p.32) said affricate is Brawijay Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya

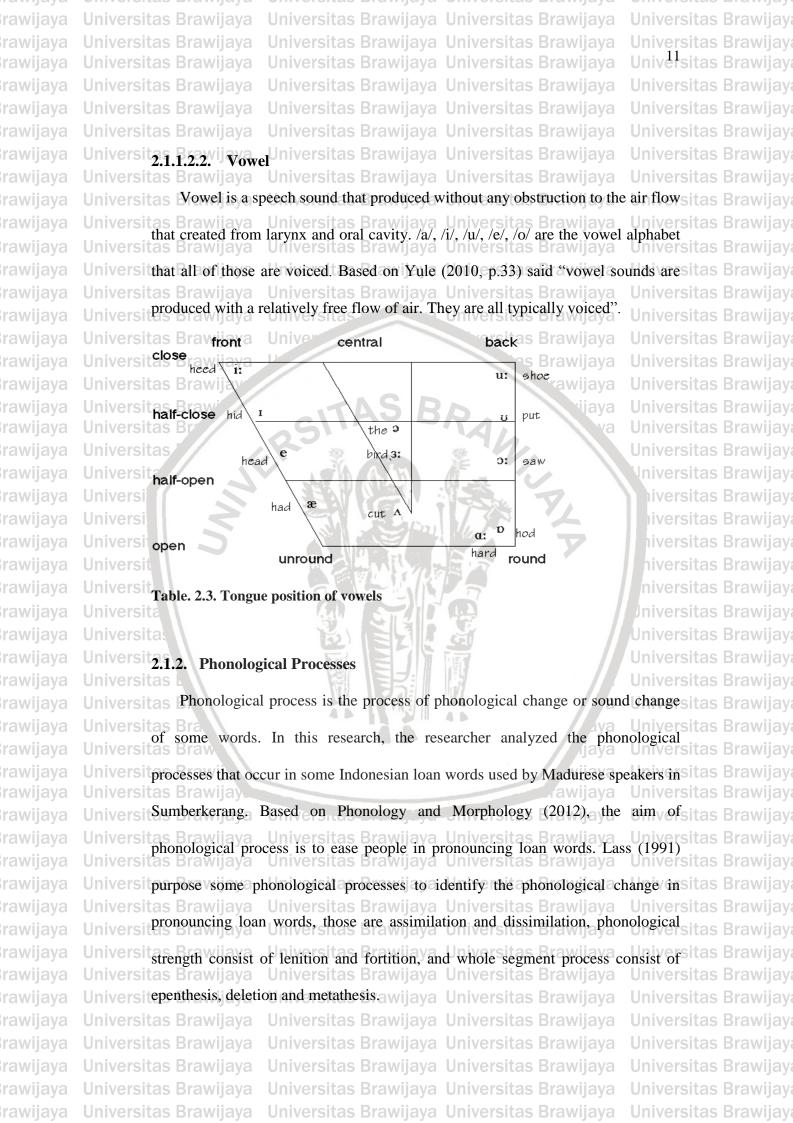
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rawijaya	Universit "combine a brief stopping of the air stream with an obstructed release which
rawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
rawijaya	Universit caused some friction". The sound belongs to affricate are /f/ and /dʒ/.ya Universitas Brawijaya
rawijaya	Universitas Brawijaya Fourth, nasals is sound produced by letting the air through the nose with a Universitas Brawijaya
rawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
rawijaya	Universi low velum. According to Yule (2010, p.32) said "when the velum is lowered and sitas Brawijaya
rawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
rawijaya	Universitive air stream is allowed to flow out through the nose to produce /m/, /n/, /ŋ/, the stas Brawijaya
rawijaya	Universitas Brawijava Universitas Brawijaya Universitas Brawijaya
rawijaya	Universitas Brawijaya
rawijaya	Universitas Fifth, approximant is produced by narrowing the vocal tract. Approximant is Brawijaya
Irawijaya Irawijaya	Universitas Brawi Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
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rawijaya	University ule (2010) there are two kinds of approximant those are glides and liquids. Glide Universitas Brawijaya
rawijaya	Universi is produced by tongue in gliding to vowel position. Glide is also called as semisitas Brawijaya
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rawijaya	vowel. The sound belongs to glide are /j/ and /w/. Liquid is produced by raising
rawijaya	Universitongue then back near the alveolar ridge. The sound belongs to liquid is /r/. Diversitas Brawijaya
rawijaya	Universit
rawijaya	Universita The last is lateral, based on Yule (2010) lateral is letting the air escape around sitas Brawijaya
rawijaya	Universitive the tongue when the tongue tip touch the middle of alveolar ridge. The sound
rawijaya	Universitas Universitas Brawijaya
rawijaya	Universitelongs to lateral is /l/. Universitas Brawijaya
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rawijaya	Universit Table: 2.4. International Phonetics Alphabet 2005 iversitas Brawijaya Universitas Brawijaya
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Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijava Universitas Brawijava Universitas Brawijava Universitas Brawijaya Universitas a) Assimilation and Dissimilation ava Universitas Brawijaya Lass (1991), defines assimilation is changing one segment to be more like **Universitas Brawijava** Universitas Brawijava rawijaya Universiteach other. This phonological process is the process of changing a segment of sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitword to be similar to the environment of language borrower. According to Yulesitas Brawijaya Universit (2010) British tend to produce voiceless sound which preceded by voiceless sound sites Brawijaya Universi For example the word 'have' is pronounced as /hæv/, but when the word 'have'sitas find in a phrase "I have to go in everyday speech" it is pronounced as /hæftə/. In Universit this phrase the change of /v/ into /f/. In this example /t/ sound in 'to' is a voiceless Brawijaya Universi consonant, so 'have' in this phrase is pronounced as /hæf/. In contrary, sitas B dissimilation is the opposite of assimilation processes. Based on Nordquist (2016) Universi Universita dissimilation process can be found in a substandard pronunciation such in asitas word 'chimney' become 'chimley'. In this example the change of /n/ into /l/ is Universit caused by these two consonant are closely similar. Nordquist (2016) said that Sitas Brawijaya Universi dissimilation process is completely losing one segment sound because one segment proximately similar to another sound. b) Phonological strength Universitas Lass (1991) states that phonological strength is the process of showing the Universitas Brawijaya Universi frequent process involve change toward stricture and glottal state. There are twositas Brawijava Universities Brawijaya Universities Brawijaya Universities Brawijaya Universities processes in phonological strength those are weakening (lenition) and strengthening (fortition). Lenition is the changing of a strong sound becomes a sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universit weak sound. The process of lenition begin from stop > fricative > approximant > Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijava

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya zero and voiceless > voiced sound. Based on Hadi, Ramlan, Soeratno and Wijana Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universi (2003) take the example from Indonesian loan word from Arabic, the word issitas Brawijava rawijaya University and the second "ijasah" in Bahasa Indonesia, meaning that certificate. Universi The change happens toward voiced /z/ become voiceless /s/. As opposed tositas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universidentition, fortition is the changing of a weak sound becomes a strong sound. The stas Brawijaya rawijaya Universit process of fortition may change a voiced sound becomes voiceless and fricative sites Brawijaya Universite becomes stop. Based on Hadi, Ramlan, Soeratno and Wijana (2003) take the itas Brawijava example from Indonesian loan word from Arabic, the word is "jaman" become Universit"zaman" in Bahasa Indonesia, meaning that era. The change happens toward sitas Brawijaya Universi voiceless /j/ become voiced /z/. niversitas Brawijaya rawijaya c) Whole segment process Phonological processes also can be seen from the whole segment. Lass (1991) Universit rawijaya Universit classify the whole segment process into three those are: Epenthesis, deletion and sitas Brawijaya Universitmethathesis. a. Epenthesis is adding a new vowel or consonant in a word. There are Universitas Braw two types of Epenthesis, those are prothesis and anaptyxis. Prothesis Brawijaya Universitas Brawijis adding a vowel or consonant in the beginning of words, and sitas Brawijava Universitas Brawij anaptyxis is adding vowel between two consonants. **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijava Universitas Brawijava Universitas Brab. Deletion is deleting a segment sound in a word. Lass (1991), there are sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya srawijaya

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawij Aphaeresis is an initial deletion, for example "knife" and "knight". In Sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawi pronouncing these two words the consonant /k/ is deleted and it issitas Brawijava Universitas Brawijaya Universitas Brawij Syncope is a formative internal deletion which uses most frequently insitas Brawijaya Universitas Brawijaxample, in comparing British and American English syncopesitas Brawijaya as Brawijaya Universitas Brawijaya Universitas Brawij deletion are found, such the word "secretary" is pronounced assitas Brawijaya /sɛkrıtɛrı/ in Briish and /sɛkrıtrı/ in American English, Lass (1991). Apocope is losing the final element, for example the loss of the final sitas Brawijaya Universit vowel of a nominal steam before the plural suffix in Swedishsitas Brawijaya language, ex. "gubbar" becomes "Gubbe" means old, Lass (1991). c. Metathesis is a process of reordering sound or transposition of sitas Brawijaya segment. For example the transposition of /p/ and /s/ in old English, Universita "cosp" becomes "cops" (copse), "wlisp" becomes "wlips" (lisping). ersitas Brawijaya

Universitas 2.1.3. Phonology of Indonesian

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Universitas Bahasa Indonesia is one of Astronesia languages which derived from Malay.sitas Brawijaya Universi Based on Chaer (2009), Bahasa Indonesia has six vowel those are; /i/, /e/, /a/, /o/, sitas Brawijaya /u/, $\partial/$, for example: ersitas Brawijaya [–] Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas araini → api → fireersitas Brawijaya Universitas d.ra/o/j>obat > imedicines Brawijaya Universitas Brawijaya

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Universitas Brawijaya Universitas _{e.} a. c.

Universitas Brawijaya Universitas Bradelina golditas Brawijaya Universitas Brawijaya Universitas Brawijaya Based on the high and low position of tongue Chaer (2009) distinguish the Universitas Brawijaya University owel sound of Bahasa Indonesia into six groups bellow: as Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas a. Top high vowel such /i/ and /u/ Universitas b. Bottom high vowel such /I/ and /U/ Universitas CrayTop normal vowel such /e/ and /o/ Universitas Braw Universitas d. Bottom normal vowel such /ɛ/ and /ɔ/

Center normal vowel such /a/

Based on the tongue movement there are three group those are;

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- Front vowel such /i/, /e/, and /a/
- b. Center vowel such /ə/
- Back vowel such /u/ and /o/.

niversitas L					Unive
niversitas BA Tong	gue Front	Center	Back	a	Stricture
niversitas Bra	ion Unrounded	Unrounded	Round	Neutral Aya	Unive
niversitas Braw				<i>L</i> jaya	Unive
niversita ^{sTop} rawija	I		u	wijaya	Closed
niversitas _H ighawijay				rawijaya	Unive
niversita <mark>s Brawij</mark> ay	a Universitat		unversitas	Brawijaya	Semi-clo
niversitas Brawijay	a Universitas	Brawijaya	Universitas		Unive
niversita <mark>s_Brawijay</mark>	a Universitas	Brawijaya	Universitas	Brawijaya	Unive
niversitas Brawijay	a Universitas	Brawijaya	Universitas	Brawijaya	Unive
niversita <mark>s^{Normal}vij</mark> ay	a Universitas	Brawijaya	Universitas	Brawijaya	Unive
niversita <mark>s_Bottom</mark> vijay	a <mark>l</mark> eniversitas	B rawijaya	Universitas	Brawijaya	Semi-op
niversita <mark>s Brawijay</mark>	a Universitas	Brawijaya	Universitas	Brawijaya	Unive
niversitas Brawijay	a Universitas	Brawijaya	Universitas	Brawijaya	Open
niversit Table. 2.3. Hig	h and low position o	of tongue in Ind	onesia/ersitas	Brawijaya	Unive
niversitas Brawijay	a Universitas	s Brawijaya	Universitas	Brawijaya	Unive
niversitas Brawijay	a Universitas	s Brawijaya	Universitas	Brawijaya	Unive
niversitas Brawijay	a Universitas	s Brawijaya	Universitas	Brawijaya	Unive
niversitas Brawijay	a Universitas	Brawijaya	Universitas	Brawijaya	Unive
niversitas Brawijay	a Universitas	s Brawijaya	Universitas	Brawijaya	Unive

Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya **Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya** Universitas Brawijaya niversitas Brawijaya resitas ersitas losed rsita penitas ersitas ersitas ersitas Brawijaya

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya **Universitas Brawijaya** Universities Based on those vowels in bahasa Indonesia, there is also the combination stars Brawijay Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universi between two vowel sound called as diphthong. According to Chaer (2009) theresitas Brawijava rawijaya Universitas Brawijaya are four kinds of diphthong in bahasa Indonesia /ai/, /au/, /oi/, /əi/. Based on Chaer Universitas Brawijaya rawijaya rawijaya Universit (2009) also mention that there is vowel cluster in bahasa Indonesia. Vowel clustersitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas similar with diphthong, there are thirteen vowel cluster that Chaer (2009) sitas Brawijaya rawijaya rawijaya Universit mention those are; /aa/, /au/, /ai/, /ao/, /ua/, /ue/, /ui/, /ia/, /iu/, /io/, /oa/, /oi/, and stas Brawijaya SITAS BRAM Universit/eo/Brawijay **Universitas Brawijaya** Universitas Brawijaya rawijaya Iniversitas Brawijaya Universit 2.1.4. Phonology of Madurese Sofyan (2010) states that, Madurese language and bahasa Indonesia are from sitas Brawijaya rawijaya Universit the same family language that is Malay. In this case, these two languages have rawijaya rawijaya Universitsome differences and similarities in the phonological system and grammatical sitas Brawijaya rawijaya system. Universitas Sofyan (2010) classifies the vocal quality is depending on the high or lowsitas Brawijaya rawijaya Universition of the tongue, parameter back and front and the lips shape. Madurese Brawijaya University language has six vowels those are: /a/, /i/, /u/, $/\epsilon/$, /3/, /3/, for example; $^{3/2}$ Universitas Brawij universitas a)./a/i→ mangmang → confuse **Universitas Brawijaya** Universitas 🕑 / / / 🕁 iye 👌 yesersitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas C)./u/ paddu > corners Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas d). /c/ > elang > lose itas Brawijaya Universitas Brawijaya e). /ə/ → gelluk → hug Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya srawijaya

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya mole → go home rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya itas Brawijava, Universitas Brawijava rawijaya **Tongue position** Back Front Center rawijaya Universitas Brawijaya ava Highrawijaya rawijaya ∕⊮ersitas Brawija ∕µ/vijaya Universitas Brawijaya itas Brawijaya Middle /c/ 🔤 /ə/ 7ə/ ijaya **Universitas Brawijaya** as Brawijaya /a/ **Universitas Brawijaya** Universit Universitas Brawijaya Universit Table. 2.4. Madurese vowel BRAN SITAS **Universitas Brav Universitas Brawijaya** rawijaya From the table below shows that measure's language based on the high or lowsitas Brawijaya hiversitas Brawijaya position of tongue have two high vowels /i/ and /u/, three middle vowels $I\epsilon$ /, /ə/, sitas Brawijava rawijaya /ɔ/, and one low vowel /a/. From the parameter back and front, Madurese has two Universi rawijaya rawijaya Universit front vowels /i/ and / ϵ /, two central vowels /ə/ and /a/, and two back vowel /u/, /ɔ/.sitas Brawijaya Based on the lip shape Madurese has two round shapes /u/ and /ɔ/ and four rawijaya rawijaya Universitunrounded shape /i/, /a/, $/\epsilon/$, /a/. **Universitas Brawijaya** Universitas Sofyan (2010) states that in each vowel of Madurese have allophone those Sitas Brawijaya Universitare: vowel /a/ has two allophones (/a/, and /â/). /a/ pronounce as /a/ when itsitas Brawijaya together with consonant (c, f, h, k, m, n, ŋ, \dot{n} , p, q, t, T, and s), or (/y/, /l/, /w/, and Brawijaya Universit/r/) in the first syllable or the last syllable where the previous syllable is voiceless Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universi consonant or (/a/, $/\epsilon/$, and $/\mathfrak{H}/\mathfrak{H}$, for example the word 'mangmang' is pronounced it as Brawijaya as /maŋmaŋ/ (confuse), 'passra' is pronounced as /passra/ (sincere), 'sassa' is Brawijay rawijaya rawijaya **Universitas Braw** Universit pronounced as /sassa/ (wash). /a/ pronounce as /â/ when it together with voices it as Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya

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Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universit previous syllable voice consonant or vowel (/i/, /u/, /â/), for example 'bere' is Universitas Brawijaya Universitas Brawijaya Universi pronounced as $/b\hat{a}r\hat{a}/$ (swollen), 'gember' is pronounced as $/g^{h}\hat{a}mb^{h}\hat{a}r/$ (picture), sitas Brawijava bedde' is pronounced as $b^{h} \hat{a} D D^{h} \hat{a} / (\text{container})$. Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Vowel /i/ has two allophones (/i/ and /I/). Vowel /i/ pronounced as /I/ in open rawijaya Universit syllable and close syllable, example 'iye' is pronounced as /iyâ/ in Indonesia "ya" ers has a meaning (yes), 'bigi' is pronounced as /big^hi/ in Indonesia "biji" has a tas meaning (seed). /i/ pronounce as /I/ when it is a loan word from bahasa Indonesia Universitsuch 'kasir' is pronounced as /kasIr/ in Indonesia 'kasir' has meaning (cashier). ersitas Brawijaya Vowel /u/ has two allophones those are /u/ and /U/. Vowel /u/ pronounces as Universi /u/ in open syllable and close syllable, example 'paddu' is pronounced as /padd^hu/sitas Brawijava in Indonesia 'pojok' meaning is (corner). Vowel /u/ pronounce as /U/ when it is rawijava Universit borrowing word from bahasa Indonesia such 'usul' which pronounced as /usUl/ inSITAS Indonesia 'usul' meaning is (suggestion). Universitas Vowel / ϵ / has three allophones those are /e/, / ϵ / and / \hat{e} /. Vowel / ϵ / pronouncesitas as /e/ when it is borrowing word from bahasa Indonesia such 'sate' which pronounced as /sate/ in Indonesia 'sate' meaning is (satay). Vowel 7c/ pronouncesitas Brawijaya Universitas ϵ / in an open syllable and close syllable, example 'elang' is pronounced as it as B $/\epsilon lan/$ in Indonesia 'hilang' meaning is (lose) and 'kelatteng' which pronounced as Universi /kalatten/ in Indonesia 'gelantung meaning is (hanging). Vowel /e/ pronounce assitas Brawijaya /ê/ in several words only such 'aeng' which pronounced as /ãêŋ/ in Indonesia 'air' Universitas Brawijaya Universitas Brawijaya means (water). Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya

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Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Vowel /ə/ has only one allophone that is /ə/. It is pronounced in in open Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Universi syllable only such 'gelluk' is pronounced as g^{h} allu?/ in indonesia 'peluk' means it as Universitas Brawijaya Universitas Brawijaya (hug). Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Vowel /ɔ/ has three allophones those are /o/, /ɔ/ and /Õ/. Vowel /ɔ/ rawijaya pronounces as /ɔ/ in open syllable and close syllable, example 'mole' is pronounced as /mɔlɛ/ in Indonesia 'pulang' this word has meaning is (go home) ersitas Brawijaya – Universitas Brawijay and 'koncok' which pronounced as /konco?/ in Indonesia 'pucuk' means (tip). Universit Vowel /ɔ/ is pronounced as /o/ when it is borrowing word from bahasa Indonesiasitas Brawijay such 'sore' is pronounced as /sore/ in Indonesia 'sore' means (afternoon). Vowel /ɔ/ is pronounced as $/\tilde{O}/$ in a several words in madurese such 'owak' is Universi pronounced as $/\tilde{O}w\tilde{a}?/$ in indonesia 'asap' means (smoke). rawijava According to Sofyan (2010) Madurese language has 31 consonant those are /p/, /t/, /T/, /c/, /k/, /q/, /?/, /b/, /d/, /D/, /j/, /g/, /b^h/, /d^h/, /D^h/, /j^h/, /g^h/, /f/, /s/, /Š/, Universit/z/, /x/, /h/, /m/, /n/, /ñ/, /ŋ/, /r/, /l/, /w/ and /y/. Consonant which followed by /h/Sitas Universitare voiced consonant and aspirated such $/b^h/$, $/d^h/$, $/D^h/$, $/j^h/$, $/g^h/$. Most of the consonant are phoneme of others consonant. viiava Universitas Br Universitas The same as Bahasa Indonesia, Madurese also has some kinds of diphthong.sitas Sofya (2010) states that there are for diphthong in Madurese those are, /ay/ in the Universit word 'berekai' which pronounced as /bârâkay/ or crocodile in English, /oy/ in thesitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas word 'kompoi' which pronounced as /kompoy/ or grandchild in English, and /uy/ in the word 'kerbui' which pronounced as /kərb^huy/ or buffalo in English, but Universitas Brawijaya Universitas Brawijaya Universi some others linguist stated that there are four diphthong of Madurese becauses it as Brawijava Universitas Brawijaya rawijava

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universit diphthong /ay/ has an allophone /ây/ in the word 'gebei' which pronounced as Brawijaya ersitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universit/g^hâbây/ or make in English. as Brawijaya Universitas Brawijaya rawijaya Universita Bravijava Universitas Bravijaya Universitas Bravijaya **Universitas Brawijava** Universitas Kemmer (2015) defines loan word as adopted word by one language from Universitother languages. In borrowing words from other languages will have somesitas Brawijaya Universi processes in the phonology and morphology side without changing the meaning of the words. First process is phonological process, phonological process is the process of Universi phonological change or sound change of some words. Lass (1991) Phonological Sitas Brawijaya rawijava process in loan words is the processes of phonological change in some interrawijaya segments relation. According to Lass (1991), there are three processes that may Universitoccur while pronouncing borrowing words such assimilation and dissimilation, sitas Brawijaya phonological strength that consist of leniton and fortition, and the whole segment Universit process that consist of aphaeresis, syncope, and apocope. The aim of phonological sites Brawijaya Universi processes is to make people easier in pronouncing the words. Universitas Second process vis morphological, process, based on Karuru (2013) sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Br universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya language to ease the communication. According to Karuru (2013) there are some Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universi strategies of morphological processes in borrowing words such prefixation, it as Brawijava suffixation, substitution, zero transmorphemisation and substitution of the prefix. Universitas Brawijaya rawijava

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijava Universitas Brawijava Universitas Brawijaya **Universit 2.1.6.** Madurese speakers in Sumberkerang village Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Madurese language is one of the local languages in Indonesia. Madurese language is used by Madurese ethnic in Madura Island. Nowadays, Madurese rawijaya Universi language has been separated in Bali and Java Island, it is caused by transmigration sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitof madurese people from Madura Island. One of areas which widely use tras Brawijaya Universit Madurese language as the daily language in communication is Sumberkerang. Universi Sumbererang is a small village located in Gending district Probolinggo regency sitas Based on Rencana Pembangunan Jangka Menengah Desa (RPJMDes), year 2015 Universit 2021, Sumberkerang is a small village which has 395 hectares area and 5834 Sitas Brawijaya Universi population. Generally Sumberkerang people speak Madurese language in their daily Universi conversation. However, as the Indonesian sumberkerang people also must learnsitas Brawijaya rawijaya bahasa Indonesia as the national language. Bahasa Indonesia becomes the second Universit language of sumberkerang people after the first language that is Madurese. Bahasa Sitas Brawijaya Universi Indonesia is learned since they get their education in school, but in some family they use both languages since they are child. 2.2. Previous studies In this thesis the researcher uses two researcher's papers which correlate with Universitas Brawijava Universitas Brawijava Universitas Brawijava Universitanalyzing phonological processes in loan word, especially Indonesian loan words sitas Brawijaya Universitas Brawieva Universitas Soeratno and Wijana (2003) a journal entitled "Perubahan Fonologis Kata-Kata Universi Serapan Dari Bahasa Arab Dalam Bahasa Indonesia". This journal study focuses tras Brawiew Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya

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Universitas Brawijaya **Universitas Brawijava** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universition the analyzing of Phonological processes on Arabian borrowing words used in ersitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Universi Bahasa Indonesia. This journal uses the theory of Crowley (1987) to identify the stars data. In their research there are some phonological processes that they did not find rawijaya Universi based on Crowley (1987) such haplology, cluster reduction, prosthesis, and they sit as Brawi Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Br Iniversi found abnormal sound change and also another two symptom changes those are sitas Br ersitas Brawijaya Universitas Brawijaya Universit monoftongisation and condensation. Universitas Second previous study from Restifiza (2012) entitled "Phonological sitas Processes of Indonesian Borrowing Words Used By Minangkabaunese In Bukittinggi, West Sumatra". In that study the writer analysis focuses on the Brawijay Universi phonological processes of Indonesian borrowing word from English used by sitas B minangkabaunese in Bukittinggi. In that study the writer uses Lass (1991) theory Universito support the research. In her research she found the most frequent and sitas infrequently phonological processes that happen in Indonesian borrowing word Universitused by Minangkabaunese. The most frequent processes are the changing of sitas Brawijaya Universi sound strength, epenthesis and deletion for the whole segment processes. Dissimilation and metathesis are the infrequently processes that happen. However Universitshe did not find the process of prothesis in the phonological processes of sitas Brawijaya Indonesian borrowing words from English used by Minangkabaunese in Bukittinggi, West Sumatra. sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas There are some differences and similarities between these two previoussitas ersitas Brawijava Universitas Brawijava Soeratno and Wijana (2003) and this study are the focus study, the object of study Universi and the theory that is used in that journal and this study. In this study the writer's Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya

Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya University study focuses on the phonological processes of Indonesian loan words used by Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universi Madurese speaker. This research tried to find the difference pronunciation it as Brawijava rawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya between Indonesia and Madurese in pronouncing loan words from English in Universitas Brawijaya rawijaya rawijaya rawijaya Universit which bahasa Indonesia and Madurese are Austronesia language which derived sitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya rawijaya from Malay. The researcher also identified the phonological processes of Brawie average and the phonological processes of the phonological phonological processes of the phonological phonologi rawijaya Universit Indonesian loan words from English. In this study the researcher also uses Lass s Brawijaya Universitas Brawijaya Universi (1991) theory in classifying the phonological processes. The similarities between sitas Brawijava **Universitas Brav** these two studies are both analyzing the phonological processes of borrowing Universit word. rawijaya Universit Iniversitas Brawijaya The differences between the thesis of Restifiza (2012) and this study is thesitas Brawijaya rawijaya

object of study. In this research the researcher chooses Madurese speaker in Universi Sumberkerang village as the object. The similarities between these two studies aresitas Brawijaya both analyzing the phonological processes of borrowing words and these two

Universit studies also use Lass theory.

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