

ABSTRACT

PT. Toyota Astra Manufacturing Indonesia is company move in making car industrial with central in jakarta. To reach organitation purpose as like as company vision and mission, so company can challenge in the future, one of them is make the sistem can get right choice. PT. Toyota Astra now use Just in Time sistem to get that decision, That sistem is to know how much material with use in production in one day so in this factory can minimalize his material stock in factory. The right decesion choice can used company to know their abiltity and can use to make plan to the future.

For that, needed method to make decision suporter sistem to support decision choice sistem in this company. One of this method to make decision suporter sistem is Fuzzy Logic Method. Fuzzy Logic Method can use in this sistem is Fuzzy Logic Sugeno Method because in this method there are linear teknik, and this method can adapt and guaranty to get continuitas input.

DSS had been done with model development from literature study and field study where if these models are integrated and related to DSS development will be DSS contruction. The models that used are fuzzy logic model that consisted of: fuzzyfication, reasoning fuzzy and defuzzyfication.

There is DSS as new system, is hoped can help Executive Development to process data input in linear teknik with product from the system so can to know how much production can make based quantity material existing. Material from data analysis can process so can result

no	material					Production existing	z	error
	A	B	C	D	E			
26	182	12	22	20	91	91	91.02441	0.024408
27	192	14	22	16	96	96	108.7171	12.71705
28	192	14	23	22	96	96	96.00122	0.001215
29	184	14	22	21	92	92	92.00744	0.007442
30	192	15	19	22	96	96	95.94355	0.056452
31	190	19	22	19	95	95	96.10579	1.105785
32	192	15	20	19	96	96	97.90255	1.90255
33	202	11	18	21	101	101	100.9686	0.031366

From above data we can know percentage error from that method is 2 %