

## ***ABSTRACTION***

Institution Tamansiswa Palembang not yet has employee salary enhanced determination decision supporter system, so that in determine salary enhanced stills done according to manual. task report will end with title "sistem employee salary enhanced determination decision supporter at institution Tamansiswa Palembang" will aim to will make salary enhanced decision supporter system by using method ahp that can help in course of employee election that will get salary enhanced. writing method that used method waterlfall with do interview and observation to gather datas. that result system can do comparison value calculation with method ahp and can display comparison graph result. conclusion that can be taken system that made can be used in do salary enhanced and suggested institution Tamansiwa Palembang can use employee salary enhanced determination decision supporter system in do correct employee election so that not again be done according to manual.

**Keyword:**

AHP, Waterlfall