ABSTRACT

Cell phones are one of the telecommunication media that grow rapidly and used in the social community. Almost people don't know about the excess and weakness that achieved in one kind of cell phone. The customers who want to buy a mobile phone feel confused to make a decision whice mobile phone that according to them. So, it's needed a system that can help customers in making decision to buy a mobile phone which according to what they wanted, and the mobile phones which are included to their criterias. Because of those problems, in this Final Project is be made a system which called "*Decision Support System for Choosing Cell Phones Using SMART Method*", implemented into a website that is known as Buyer's Guide Online. It's made to users who need information about what kind of mobile phone which should be chosen according to their criterias. In this system, user is given some alternatives to choose some criterias that according to them, and then this system will execute it to give alternatives cell phones that is according to the criteria. This system uses structural model where in developing a software begins from software requirements, analysis, design, coding, dan testing. The model which used is SMART (*Simple Multi-Attribute Rating Technique*) and implemented using PHP, MySQL as its database.

Keywords: *Choosing Cell Phones ,SMART, PHP, MySQL*