ABSTRACT

SYSTEM DETERMINANT OF ATHLETE PHYSICAL QUALITY WITH FUZZY LOGIC (CASE STUDY IN KONI KABUPATEN BANDUNG BARAT)

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KONI (Komite Olahraga Nasional Indonesia) Kabupaten Bandung Barat is a sport organization thats have born achievment athlete for local, national, altough international level. In sporting world, physical are have an important occupy for athlete achievment. To determine athlete who have a good quality for sport event, can be measured by a several of test. To make athlete recomendation it must follow step by step manual calculation, that not all of coach are understand about that. A solution for that problem is we need a kind of decision support system to determine physical athlete quality and then for make athlete recomendation.

The tools that used to describe the system model is a flowchart, context diagrams and Data Flow Diagrams (DFD), as well as in database design using a data dictionary, and Entity Relationship Diagram (ERD).

Based on the results of testing facilities which are available, it can be concluded that the whole system running well and ready for use. Thus the system can help interested parties to know the physical qualities of athletes and athlete recommendations.

Keywords:
Decision Support System, Fuzzy Logic