

## **ABSTRACT**

*PB Tunas is a badminton team located in Batang, Central Java. This Badminton Association is one of the badminton teams or academies that carry out coaching and training from an early age in badminton, which of the team members per age level will be included in events annually or even in one year can participate in many events. Of course, in training sessions there are physical exercises to support the fitness of athletes so that they are always ready to compete. A series of physical tests will be considered by the coach to determine the physical quality of the players and will continue to be improved if the quality is still below standard. However, this is still done only with handwritten data and from the sight of a trainer only. Therefore, through designing and making a Player's Physical Decision Support System using the AHP method, it is hoped that it will be able to make it easier for the coach to decide or assess the physical quality of a player through a series of physical tests. Apart from that the coach can also decide who the players are ready to play in the tournament that will be faced by PB Tunas. The design of this system is desktop-based using the Java programming language and MySQL as the database server. This player's physical decision support system is a system that makes it easy for the coach to determine the physical condition of the players and determine which players are ready to play based on their current physical condition.*

*Keywords: Decision Support Information System, Badminton Physical Athletes.*