

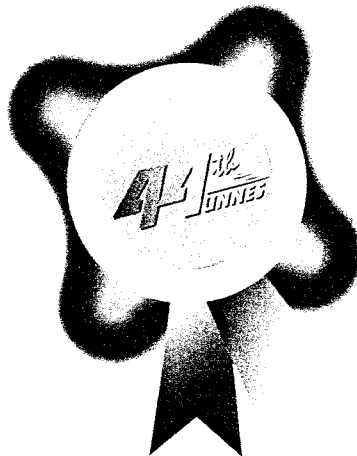
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# Proceeding



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# FUTSAL BASIC SKILLS TEST

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## ABSTRACT

This study aims to prepare a basic skills test to play futsal. Futsal with identical game soccer, play futsal skills but can not use the test football skills. Research design used was the resraech and development of tests to develop skills to play. Subject of research is 14 Students, including members of division futsal in soccer students activity units of Yogyakarta State Univerity. Validity using criterion-related validity with the criterion of three expert judgment. Reliability using test-retest and internal consistency of the measurement test results three times. Data analysis used Pearson product moment coefficient of correlation and Cronbach's alpha formula for validity, reliability and objectivity. To explore the validity coefficients using Pearson product moment coefficient of correlation. To explore the reliability coefficients using the Pearson product moment coefficient of correlation and Cronbach's alpha formula. To explore the objectivity coefficients using Pearson product moment coefficient of correlation and Cronbach's alpha formula. Results of research in which futsal basic skills tests have been valid and reliable. The name of test is "FIK Jogja Futsal Test". The test has the validity of 0.6278 , the reliability of 0.5469 and the objectivity of 0.5412. This test is a prototype, so the improvement is still possible.

Keywords: skills test, futsal

## INTRODUCTION

Futsal is a sport that has been established with a proven competition internationally since 1965 in Paraguay. (<http://wikipedia.org/wiki/futsal>). The 6<sup>th</sup> FIFA World Cup of futsal 2008 in Brazil proves that the international attention has been futsal as a sport that is very prestigious and competitive. The development of futsal in the Indoenesia, proved with AFC (Asian Football Federation) appointed Indonesia as organizer Asian Futsat Championship Asian in Jakarta, 22-30 October 2002, then automatically the first time The National Futsal Team of Indonesia in the form of containing the players professional soccer (<http://www.hupelita.com>). Following-up evidence of this booming sport is held by the national league. The fist time in 2006-2007 season is called "The Indonesia Futsal League". This competition is a breakthrough by BFN (Baban Futsal Nasional) is an autonomous board under the PSSI in an effort to increase competition in sports, as early efforts in shaping the Indonesia Futsal Team representative for the regional and international event. The event, among others, is the level AFF Asean Cup futsal, futsal AFC Asian Cup level, FIFA Futsal World Cup international, and other regional and international prestigious sporting events.

From the evidence that futsal is a sport that has a very well established with a tiered competition as well as football profesioanal. So futsal and soccer is related, but both the games have actual different characteristics. Futsal that proclaimed by FIFA as the .developing .game .requires .unique .and .special .studies. Suharjanto (director of technic BFN) revealed that futsal at this time is very thick with the feel of soccer for almost all forms of exercise and play principle relatively equated with soccer, futsal has the shape and size of the field is relatively different from the size and much more narrow field of different surface texture, the size of the gate is relatively small, the realtif

small ball and a different type of reflection, even the number of players is relatively less, and the rules of the game is relatively far different then it can be said is not necessarily able to adapt soccer players in the futsal game (<http://kompas.com/kompascetak/read>). The differences of characteristics game and the rules that are used it is very logical if needed strategies and specific techniques that support futsal games. This some of facts and background that now is not currently available instruments to measure skills playing futsal that you can measure how far skills playing futsal owned someone (player). It is necessary to do the preparation in futsal basic skills tests through a research study.

This study aims to prepare a basic skills test to play futsal. Soccer has a lot of tests to measure or to estimate skills of the playing, with various levels and forms. Futsal games have similarities with the soccer game, according to the history and the soccer and futsal subject. However, the characteristics of futsal game can not be equated with soccer game, therefore, also needs to be prepared in a special test to measure or estimate futsal game skills. This needs to be done because it has not been found to specific futsal test. Starting from the similarity futsal and soccer games, futsal test preparation has the shape of modification soccer test that already exist through adjustments to the characteristics of futsal game itself. Thus the test can be created or an instrument to estimate futsal skills with different soccer skills.

### FUTSAL GAMES

Futsal is a game of mini soccer in the world by FIFA, with the adopted soccer game in the form of a law of the game is adjusted. In order not confuse with the presence of FIFA as the highest organization of soccer, then formed a futsal committee to address focused issues of futsal. This shows the seriousness FIFA in developing futsal because it is the element that can increase support soccer. In general, futsal and soccer games are relatively the same, namely to play ball with the foot (unless the goalkeeper can use your hands) to create or thwart the goals. Fundamental differences in the field that is used with the comparison of more than one appeal in six, so that the equipment and rules of the game or the match is adjusted.

Table. The difference soccer with futsal

(Source: [www.holisticsoccer.com/futsal.htm](http://www.holisticsoccer.com/futsal.htm); 2004)

Soccer	Futsal
Ball circumference 68-70 cm (27-28")	Ball circumference 62-68 cm (24-25")
11 players	5 players
3 substitutions	Unlimited "flying" substitutions
Throw-in	Kick-in
Main referee and 2 assistants referee	Main referee and assistants referee
Running clock operated by referee	Stoped clock operated by timekeeper
45-minute halves	20-minute halves
No time-outs	1 time-out per half
Goal kick	Goalkeeper throws ball into play
No absolute time limit to restart game	4 second rule on restarts
Offside rule	No offside rule
(Goalkeeper) 6 second rule on restarts	4 second rule to put ball back into play
Unlimited fouling	5 foul limit, no wall after 5 fouls
No substitution for players send off	Players send off can be substituted after 22 minutes or after opponent scores
Comer kick in area	Comer kick on comer
Unlimited playback to goalkeeper's feet	One playback to goalkeeper's feet
Some contact, side tackling allowed	No shoulder charge or side tackle. Non contact slides allowed

Starting from the size of the ball number four (berdiameter 62-68 cm) and the number of players five people. Game led by the referee and assistant referee in the field, where each round for 20 minutes clean (especially during the ball in play), without the turnover number of players, given a one-time opportunity to make a time out. Rules changes occur in the game there is no off side, four-minute time limit to start the game again, to kick in to replace empatan in, players are issued (a red card) can be replaced, and there are not even off the body with a sliding grab. Murhananto (2006: 11) argues that futsal is very similar to soccer played by only five opponents five in the field smaller, more wicket and the ball a little more ketch and relatively heavy. Futsal ball is a game played by two team, each of five people. The goal is to enter the ball to the opposite wicket, with manipulating the ball with the feet. In addition to the five main players, each team also has allowed the backup. Unlike the game of soccer in the other room, futsal field lines is limited, not the net or board. (<http://www.arthazone.com/newsdetail.php?nid=784>). A variety of opinions on the above can be concluded that futsal is a activity the invasion game played five opponents with five people who in a certain length of time played on the field, goal and ball, which is relatively lower than the soccer game that requires speed moving, fun and safe, and the winning is team have more the goal than other team.

### **FUTSAL BASIC SKILLS**

Skills used in futsal game relatively not much different in the soccer game because of factors the field is relatively small and the floor surface more even cause differences of skills. Futsal players in the team, like in soccer, has two players with different skills that must be individually owned, the goalkeeper and the other players. Thus, the outline can be divided into two general skills that individual, that is between goalkeeper and the other players. According to Burns (2003; 109-120) skills include a goalkeeper in the standby position, the position of moving the ball flush, stop the ball catch the ball and ability to survive, while the ability to help attack include; the distribution of the ball to other players and positions in the field. For players in general skills include; receiving the ball, kicking, passing, shooting, advancing the ball, dribbling, heading, shielding, and blocking (Burns, 2003; 20 - 36). Furthermore, in general, the skill of dominant individuals is needed for the skill not as a goalkeeper, as used to establish cooperation both in attack and defend. In the basic training level, skills are passing, chipping, controlling, dribbling, and shooting, that must be mastered by players (Justinus, 2006; 8 - 11). Thus, the dominant individual skills should be mastered as a base to play futsal game include; passing, controlling, dribbling, shooting and chipping.

#### **Passing**

Passing is used most often throughout the game, compared with the other basic skills. Passing is one of the basic skills of playing futsal is needed by each player, because the field is flat and the small size required passing a hard and accurate. The word "pass" can be defined as the present, therefore, in their passing, players must be present ball (in good and tasty case) to another friend in a team. In accordance with the characteristics of futsal games, the passing skill used in the dominant or even hug the floor.

#### **Controlling**

Controlling is the ability to accept during a ball, then try to control the ball when players will be doing further movement towards the ball. Next movement as passing, dribbling or shooting to the goal. In accordance with the characteristics of futsal games, the dominant skills of controlling is used with the foot, although can be done with all the members of the body other than hands

#### **Dribbling**

Dribbling is the ability of players in the well without the ball can be seized by the opponent, either by walking, running, turn and rotate. Dribbling goal is to pass the

testee stoped the ball in the box number 4. Testee get the opportunity to test as many as 2 times.

### Validity, Reliability and Objektifitas Test

The determination of the validity criterion is used-related validity, the degree of relationship with the instrument of measurement criteria such as game skills from the experts (Verducci, 1980; 146-147). Determining the reliability and objectivity used test retest method (Miller, 2002; 60) and internal consistency (Ismaryanti, 2006; 19). Concurrent have this test validity by using the criterion-related validity. As with expert judgment criteria or subjective ratings of the three assessors at the time of game. Assumed the validity of the large correlation coefficient between the measurement results of the test criteria by using Pearson product moment coefficient of correlation. The results of the calculation can be in the following table;

Table. Summary of validity calculation results

Validity	Coef. correlation	5%	1%	result
Test with criteria	0,5469	0,532	0,661	Valid

Thus it can be concluded that the test was valid, with the type concurrent validity. Tes has validity of 0.5469 with the estimation criteria such as expert judgment by 3 people.

This test has a reliability coefficient with the stability and consistency coefficient. Stability coefficient using the method of calculation of the test retest Pearson product moment coefficient of correlation and internal consistency using coefficient calculation consistency through Cronbach's alpha formula. The hasl of calculation can be in the following table;

Table. Summary of reliability calculation results

Reliability	Coef. correlation	5%	1%	Result
Corr I with II	0,6278	0,532	0,661	Reliable
Corr I with III	0,3292	0,532	0,661	No reliable
Corr II with III	0,4230	0,532	0,661	No reliable
Consistency	0,4566	0,532	0,661	No reliable

Thus it can be concluded that the test was reliable, with the type of stability coefficient using test retest methods. Test has reliability of 0.6278 with a degree of stability between the implementation of the first test with a second chance.

Objectivity have this test by using the stability coefficient and the consistency coefficient. Stability coefficient using the method of calculation of the test retest Pearson product moment coefficient of correlation and internal consistency using coefficient calculation consistency through Cronbach's alpha formula. The hasl of calculation can be in the following table;

Table. Summary of objectivity calculation results

Objectivity	Coef. correlation	5%	1%	Result
Corr I with II	0,7161	0,532	0,661	Objective
Corr I with III	0,5492	0,532	0,661	Objective
Corr II with III	0,6676	0,532	0,661	Objective
Consistency	0,5412	0,532	0,661	Objective

Thus it can be concluded that the test has objectives, with the type of stability coefficient using test retest method and internal consistency using the consistency coefficient. Test has reliability of 0.5412 to the degree of consistency between the three experts.

## CONCLUSIONS AND SUGGESTIONS

Tests have been structured basic skills to play futsal with the name "FIK Jogja Futsal Test". This test has a validity of 0.5469, reliability of 0.6278 and objectivity of 0.5412. Although this test has been arranged, but still have limitations in this research, namely, the validity and reliability is relatively small, and does not yet have the assessment norms. Validity and reliability is still low, although the category had been valid and reliable. This is caused by the subject of research (testee) with a range of small ability, namely the players futsal team UNY. Not to make an assessment criterion, because the subject research relatively small, that is only 14 students. While the norm to make a good subject with which many relatively and has a range of great ability.

This test is a prototype, so it still needed improvement. One form of improvement suggestions for perfection this test, including; similar research on the subject of research with a range of high ability, the kind of research on the subject of more research and create norms for the assessment.

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