

Making a Pickleball Field as a Means of Developing Sports Activities in the School Environment of SMAN 5 Samarinda

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Abstrak

Ketersediaan sarana olahraga yang memadai merupakan salah satu faktor pendukung dalam menciptakan lingkungan sekolah yang aktif dan sehat. Sarana olahraga tidak hanya dibutuhkan untuk menunjang kegiatan pembelajaran peserta didik, tetapi juga dapat dimanfaatkan oleh seluruh warga sekolah, seperti siswa, guru, tenaga kependidikan, staf, dan pihak lain yang berada di lingkungan sekolah. Salah satu sarana olahraga yang dapat dikembangkan adalah lapangan pickleball yang dapat digunakan sebagai ruang aktivitas fisik dan rekreasi bersama. Kegiatan pengabdian kepada masyarakat ini bertujuan untuk menyediakan lapangan pickleball sebagai sarana pengembangan aktivitas olahraga di lingkungan SMAN 5 Samarinda. Metode pelaksanaan kegiatan dilakukan melalui observasi lokasi, koordinasi dengan pihak sekolah, perencanaan, persiapan area, proses pembuatan lapangan, pemasangan fasilitas, serta penyelesaian dan dokumentasi. Hasil kegiatan menunjukkan bahwa pembuatan lapangan pickleball berhasil menyediakan fasilitas olahraga baru yang dapat dimanfaatkan oleh seluruh warga sekolah. Lapangan tersebut dapat digunakan untuk kegiatan pembelajaran, latihan, aktivitas rekreatif, kegiatan ekstrakurikuler, maupun olahraga bersama. Dengan tersedianya fasilitas ini, SMAN 5 Samarinda memiliki alternatif sarana olahraga yang dapat mendukung aktivitas fisik, interaksi sosial, dan pengenalan olahraga pickleball bagi seluruh warga sekolah secara berkelanjutan.

Kata Kunci: Pickleball; Sarana olahraga; Aktivitas fisik; Lingkungan sekolah; Pengabdian masyarakat

Abstract

The availability of adequate sports facilities is one of the supporting factors in creating an active and healthy school environment. Sports facilities are not only needed to support students' learning activities but can also be utilized by all members of the school community, including students, teachers, educational staff, school staff, and other individuals within the school environment. One of the sports facilities that can be developed is a pickleball court, which can serve as a space for physical activity and recreational activities. This community service activity aimed to provide a pickleball court as a means of developing

sports activities at SMAN 5 Samarinda. The implementation method consisted of site observation, coordination with the school, planning, area preparation, court construction, facility installation, completion, and documentation. The results of the activity showed that the construction of the pickleball court successfully provided a new sports facility that can be utilized by the entire school community. The court can be used for learning activities, training, recreational activities, extracurricular programs, and joint sports activities. With the availability of this facility, SMAN 5 Samarinda has an alternative sports facility that can support physical activity, social interaction, and the introduction of pickleball to the school community in a sustainable manner.

Keywords: Pickleball; Sports facilities; Physical activity; School environment; Community service

INTRODUCTION

The development of pickleball in Indonesia has shown an increase in recent years. Pickleball began to develop in Indonesia since around 2019 and has gradually gained space in various national sports activities. At the XXI Aceh-North Sumatra National Sports Week (PON) 2024, pickleball has been competed as an exhibition sport. This development is increasingly visible in 2025, when the Executive Board of the Indonesian Pickleball Federation (PB IPF) has reached 34 provinces in Indonesia. In addition, the 2025 National Pickleball Student Championship organized by the State University of Jakarta (UNJ) was attended by high school students from 34 provinces. This condition shows that the development of pickleball has covered various regions and began to involve student age groups as part of the development of sports in Indonesia.

The development of pickleball is also starting to be seen in the East Kalimantan region. The 2025 Balikpapan Open Pickleball Championship was attended by 700 participants from eight districts/cities in East Kalimantan and six provinces outside East Kalimantan. The championship competed in 10 categories, including a special category for students. The involvement of students in the competition shows the potential for the development of pickleball as part of the coaching and regeneration of athletes from school age. Thus, the development of pickleball in East Kalimantan not only shows an increase in interest in the sport, but also begins to lead to coaching activities and achievement sports (Kusnanda et al., 2024) .

In the educational environment, the availability of sports facilities and infrastructure is one of the factors that support the implementation of physical education. Adequate facilities provide opportunities for students to gain optimal experience in movement activities (Niah et al., 2022) . Rukhmawan and Supriyono (2023) explained that the feasibility of Physical Education, Sports, and Health (PJOK) facilities and infrastructure needs to pay attention to several aspects, including safety, convenience, affordability, attractiveness, suitability with learning needs and objectives, and environmental conditions.

The availability of sports facilities and infrastructure at the secondary school level is also a concern in the implementation of physical education learning. Yaqin and Irsyada (2023), through a survey at State High Schools in Magelang Regency, showed that there are variations in the availability and condition of physical education facilities and infrastructure. These conditions show that the provision and management of sports facilities needs to be adjusted to the learning needs and sports activities of students (Syahrindra & Priyono, 2024).

In addition to the availability of facilities, the development of sports facilities in schools can be carried out through the addition and modification of facilities according to the needs of students' activities (Ma'u Kristina et al., 2026). Pradanto and Darmawan (2023) show that modification of facilities and infrastructure can be one of the alternatives to support the implementation of various activities in physical education. Therefore, the development of sports facilities is not always limited to the use of existing facilities, but can also be done by providing new types of facilities that allow students to get to know and do more diverse sports activities.

One of the sports that can be developed as an alternative to sports activities in the school environment is pickleball Gani et al, (2023). This sport can be introduced through learning that combines the introduction of game rules, basic techniques, and direct practice. The development of pickleball in the educational environment has also begun to be carried out through education and community service activities Adyani et al. (2026). Syamsuddin et al. (2026), for example, carry out pickleball education activities as a PJOK learning innovation for teachers in Tallo District, Makassar City. These activities include the introduction of game rules, basic techniques, game demonstrations, and pickleball learning models that can be applied in the school environment.

The development of pickleball in schools can be a form of diversification of sports activities that provide alternative games for students Reza et al. (2024). However, the implementation of these activities requires appropriate facilities, especially spaces or courts that can be used safely and planned. The availability of pickleball courts can support the implementation of PJOK learning, extracurricular activities, exercises, and sports recreational activities. Thus, the provision of pickleball courts is not only related to the construction of physical facilities, but can also open opportunities for school residents to get to know and develop sports activities that were previously not available in the school environment (Chen et al., 2022).

SMAN 5 Samarinda is one of the educational environments that has the potential to develop a variety of sports facilities through the provision of pickleball courts. The creation of pickleball courts in schools is expected to be an additional facility that can be used by students, teachers, and school residents in various sports activities. These facilities can be used to support PJOK learning, extracurricular activities, exercises, and joint sports activities. In addition, the existence of pickleball courts can also be a means to introduce

developing sports to students while supporting the development of physical activities in the school environment.

Based on the results of initial observations at SMAN 5 Samarinda, the sports facilities available before the pickleball court construction activities included futsal courts, volleyball, and basketball courts. Meanwhile, the area used for the construction of pickleball courts was previously a parking area which was then used for the development of sports facilities. Based on the results of observation and coordination with the school, the addition of sports facilities is needed to provide alternative sports activities for school residents. Therefore, the area was developed into a pickleball court that can be used for learning activities, exercises, recreational activities, and other sports activities in the school environment.

Based on this description, this community service activity was carried out in the form of making a pickleball court at SMAN 5 Samarinda. This activity aims to provide sports facilities that can be used by school residents and introduce pickleball as an alternative sports activity in the educational environment. Through the provision of these facilities, it is hoped that SMAN 5 Samarinda will have supporting facilities that can be used sustainably for learning activities, extracurriculars, training, recreation, and the development of pickleball sports in the school environment.

METHOD OF IMPLEMENTATION OF ACTIVITIES

This community service activity is carried out through several stages that are adjusted to the needs in the development of sports activity facilities at SMAN 5 Samarinda. The implementation of activities is carried out in stages and planned, starting from observation of location conditions, coordination with the school, planning and preparation of the area, the process of making fields, to the completion and arrangement of supporting facilities. Each stage is carried out by paying attention to the condition of the school environment and the needs of school residents so that the resulting facilities can be used optimally. The implementation of activities lasts until the pickleball court is completed and ready to be used as a means of learning, training, extracurricular activities, as well as sports and recreational activities for school residents. The stages of implementing activities include:

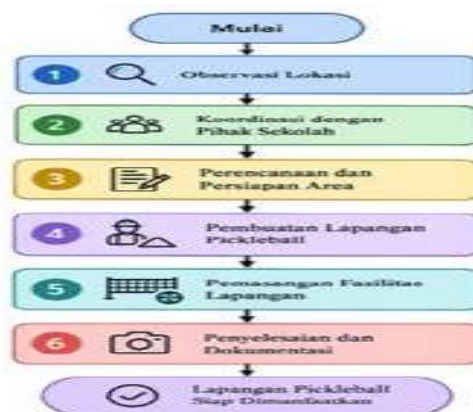


Figure 1. Activity Implementation Flow Chart

Location Observation

The initial stage is carried out by observing the condition of the school environment to determine a location that can be used as a pickleball court. Observation is carried out by paying attention to the condition and availability of areas that can be used as a means of sports activities.

Coordination with the School

After the location was determined, coordination was carried out with SMAN 5 Samarinda regarding the plan to build a pickleball court. The coordination aims to adjust the implementation of activities to the conditions of the school environment and the needs of sports facilities to be developed.

Area Planning and Preparation

The next stage is to plan and prepare the area that will be used as a pickleball court. Preparation is carried out by adjusting the condition of the area so that it can be used for the process of making and painting the court.

Pickleball Court Construction

The creation of the field is carried out through the process of preparing and painting the area according to the shape and line of the pickleball court. This stage is the main part of the service activities in providing new sports facilities in the SMAN 5 Samarinda environment.

Installation of Field Facilities

After the process of making and painting the court is completed, the necessary facilities are prepared and installed so that the field can be used for pickleball activities. The facilities are adjusted to the needs of the use of the field.

Solutions and Documentation

The final stage is carried out by ensuring that the field conditions are completed and ready to be used by school residents. Furthermore, documentation of the results of activities is carried out as part of the reporting of the implementation of community service.

IMPLEMENTATION OF ACTIVITIES AND DISCUSSIONS

Community service activities in the form of the development of sports activity facilities through the creation of pickleball courts at SMAN 5 Samarinda have been carried out through several stages, starting from the preparation of the area to the field that can be used by school residents. This activity results in the availability of new sports facilities that can be used to support physical activities and sports activities in the school environment.

The Process of Making a Pickleball Court

The implementation of the activity is carried out by preparing a predetermined area to be used as a pickleball court. One of the main stages in making a court is the process of painting and providing a court line. Painting is carried out to form the boundaries of the playing area so that the field has clear signs and can be used according to the needs of the game of pickleball.



Figure 2. The process of painting pickleball courts at SMAN 5 Samarinda

The painting process is carried out to clarify the boundaries and lines of the field so that the playing area can be clearly seen and the field is ready to be used for pickleball activities. After the painting process is completed, the finishing of the parts of the field is carried out so that it can be used for sports activities.

Field Creation Results

The result of this service activity is in the form of the availability of a pickleball court in the SMAN 5 Samarinda environment. The completed field is one of the alternative sports facilities that can be used by school residents to carry out physical activities and sports.



Figure 3. The condition of the pickleball court after it is finished

The availability of pickleball courts provides additional choices of sports activities in the school environment. The existence of these facilities can also support the introduction of pickleball to school residents through learning, training, extracurricular, and recreational sports activities.

Field Utilization by School Residents

After the court is completed, the facility can be used to carry out pickleball sports activities. The use of the field shows that the facilities that have been

developed are not only physical facilities, but can also be used as a space for sports activities for school residents.



Figure 4. Utilization of pickleball courts at SMAN 5 Samarinda

The use of the field provides an opportunity for school residents to get to know and carry out pickleball sports activities directly. With the facilities available in the school environment, sports activities can be carried out by utilizing the facilities that have been developed through community service activities.

Overall, the pickleball court creation activity has produced new sports facilities that can be used in the SMAN 5 Samarinda environment. The development of this facility is a form of effort to provide sports activity facilities that can support physical activities, learning, recreation, and the introduction of pickleball in the school environment.

Challenges During the Development Process

During the process of making a pickleball court, there are several challenges that need to be adjusted to the conditions of the activity location. One of the main challenges is the adjustment of the area that was previously used as a parking lot so that it can be used as a sports facility. Adjustments are made by paying attention to the surface condition of the area and the need for space so that the court can be made and used properly.

In addition, the process of making a court also requires precision in determining the size and line of the court to suit the needs of the game of pickleball. The painting process is carried out in stages by paying attention to the neatness of the line and the division of the court area. These various adjustments are made through coordination and cooperation during the process of implementing activities so that the creation of the field can be completed and ready to be used by school residents.

CONCLUSION

Community service activities through the development of sports activity facilities with the construction of pickleball courts at SMAN 5 Samarinda have been carried out and produced new sports facilities that can be used by school

residents. The creation of the field is carried out through the stages of location observation, coordination with the school, area preparation, the process of making and painting the field, installing facilities, as well as completion and documentation.

The availability of pickleball courts provides alternative means of sports activities in the school environment that can be used for learning, exercise, recreational, extracurricular, and joint sports. The existence of this facility can also support the introduction of pickleball to school residents and encourage the use of the school environment as a space to carry out physical activities in a sustainable manner.

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