

Implementation of Parenting Revolution for Early Childhood by Millennials Generation

Tri Joko Raharjo¹, Abdul Malik², Harianingsih³, Citra Dewi Kristanti⁴, Nadia Nurisa Izzati⁵

^{1, 2, 3, 4, 5} Universitas Negeri Semarang, Indonesia

Abstract:

Background: Millennials are very close to the world of technology and digital. So that when millennials are required to educate children, they will try to keep up with technological developments in parenting children. This study aims to obtain a picture of parental care included in the category of millennials in educating early childhood.

Materials and Methods: This study uses a survey research model. The survey was conducted on 50 parents with an age range of 25 to 40 years who came from the city of Semarang.

Results: The survey results show that these millennial parents in implementing the parenting revolution will attend seminars, workshops, buy books on parenting, and join the parenting community to educate young children. Millennial parents will provide facilities to support the child's developmental needs. Millennial parents are also more interested in involving children in non-formal activities as an effort to detect children's talents and interests. Millennials will be directly involved in childcare. The financial ability of millennial parents is able to include children in non-formal activities as a support for caring for children. This proves that the era of the industrial revolution 4.0 had many impacts on various aspects of life, especially in form the mindset, attitudes and behavior of millennial parents who influence the parenting patterns applied in the family.

Key Word: Children; Millennials; Parenting; Revolution

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I. Introduction

The current era of revolution 4.0 parenting is very important and is a concern of millennial generation in providing education to children from an early age[1, 2]. Millennial generation is very close to the development of technology and digitalization. Millennials who are parents are now pursuing tertiary education at least one stratum and on average becoming a career woman[3]. Millennial generation has its own characteristics. This generation is more optimistic, has high intelligence, has ambitions and ambitions, and is committed to making the world a better place[4]. Millennial generation is also multitasking with all the skills and more flexible to adjust to the changing times[5]. Millennial parents are very concerned about parenting patterns of children, parenting quality and emotional psychological health of children[6]. This generation will gather with the parenting community that is felt to be appropriate for the development of their interpersonal skills[7]. At present there are many emerging communities that can enrich information about parenting that is about the right parenting[8]. Millennials have social awareness and seek solutions to parenting[9]. The development of the millennial generation parenting community is also an impact of information technology and digitalization. Information technology used to be only used for the development of the fields of economy, government and education[10]. Now it is starting to be used as a source of information for parenting for millennial generation. When parents get parenting information in accordance with the aim to improve child development[11]. The parenting activity itself is an adult education program. The goal of adult education is to develop abilities, enrich knowledge, improve skills, obtain solutions and the latest ways of dealing with problems, and change adult behavior to fit the corridor. Parenting is carried out as a social and educational function in caring for children, caring for, protecting, and optimally educating children according to their age and development. The benefits of parenting include building communication, knowing the achievements of child development, early childhood education is a coaching effort aimed at children at an early age[2, 12]. Educational stimulation is given to children with the aim of helping the growth and development of children in dealing with the surrounding environment. Children have different characters, so parents need to understand the child's character. Parenting implemented by parents should be in accordance with the character of the child[13]. From this background the researcher wants to analyze the types of parenting programs that are interested in the generation of millennials, the reasons for the generation of millennials participating in parenting activities as

well as activities chosen by the generation of millennials in children's parenting programs. The research framework about parenting for milenials parents was shown in Figure 1.

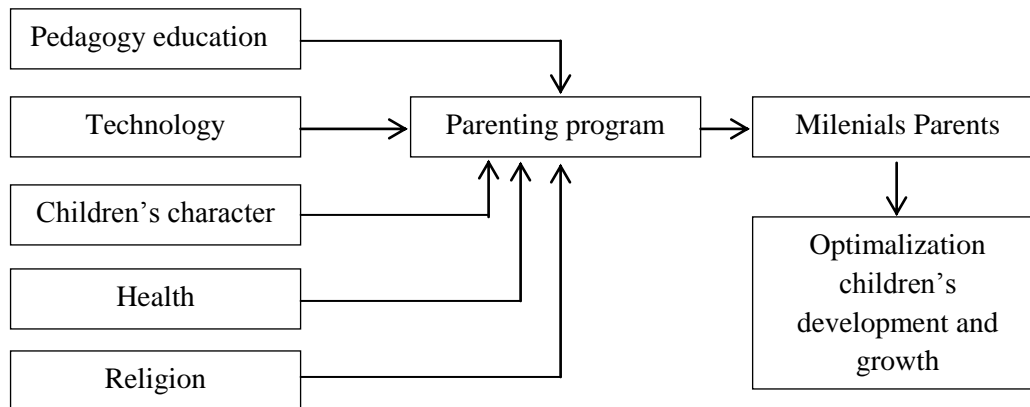


Figure 1. Research Framework

II. Material And Methods

The study was conducted using qualitative methods by distributing questionnaires in the form of G-forms to respondents who were mostly parents with ages 25 to 40 years. The study population was 100 parents who had early childhood in the city of Semarang. A sample of 50 people whose results from the questionnaire instruments were taken on a Likert scale with a value of 1 to 5. Data processing and analysis were carried out qualitatively. Analysis of the results of data processing is described descriptively.

III. Result

Respondent profile

Respondent profile based on age shown in Figure 2.

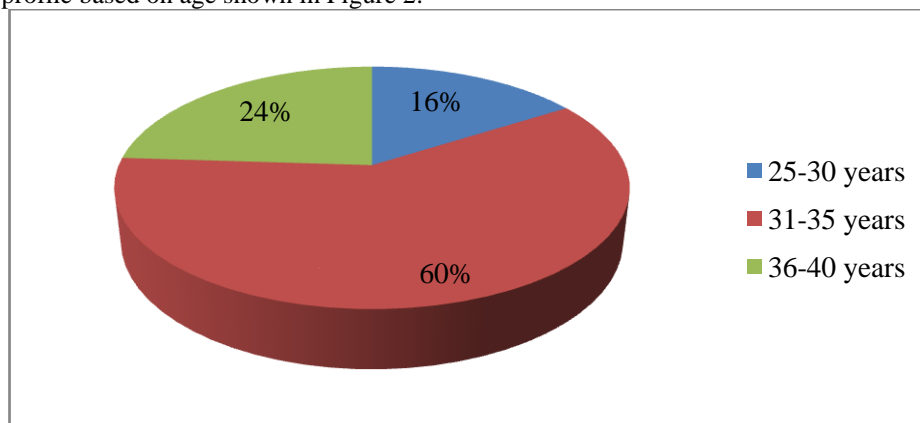


Figure 2. Respondent Profile Based on Age

In figure 2 it can be explained that out of 50 millennials parents, 8% of them are aged 25-30 years; 30% aged 31-35 years; and 12% aged 36-45 years. Respondents are domiciled in Semarang. Nine out of 50 respondents said they had more than two children, 23 respondents had two children, and 18 people had one child.

Theme of parenting seminars

Millennials parents have the financial capacity to dig up information about parenting children. Millennials parents trust more so seek and listen from experts regarding the parenting process. Out of 50 respondents, 32 have participated in seminars or workshops on parenting that were held by both formal and informal institutions. Millennials parents will utilize classes both offline and online to take part in parenting activities. The theme of the choice of parenting seminars or workshops attended by millennials parents is shown in Figure 3.

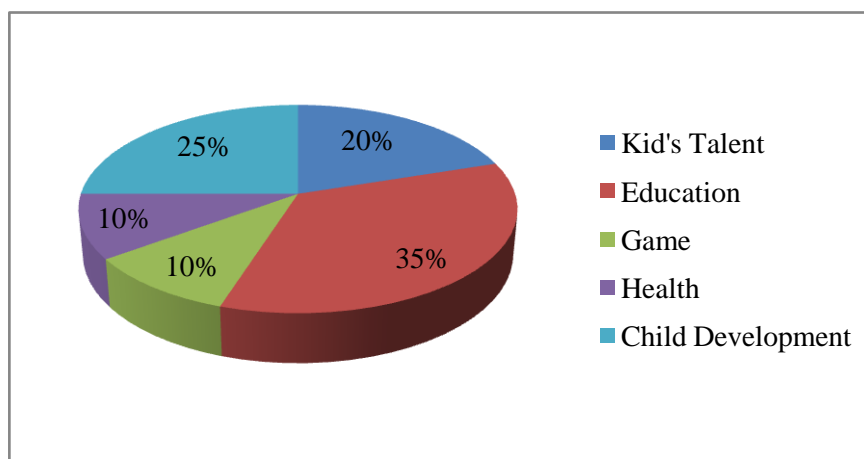


Figure 3. Theme of Parenting Seminars

From Figure 3 we can see that millennials parents participate in parenting activities with 20% selected material about children's talents and interests. 35% of respondents chose the theme of parenting about education as a reason because of the desire for children to be successful in their academic achievement. The right game for children is also the choice of 10% of respondents in choosing a parenting seminar. As many as 10% of respondents chose health and 25% of respondents chose the theme of child development in attending the parenting seminar. Reliability and validity tests were carried out on the variable theme of the seminar's parenting which had five observed indicators including kid's talent, education, games, health, child development. The provisions of an indicator variable have good validity if the loading factor value ≥ 0.3 and t -value ≥ 1.96 . Reliability test is done by calculating the value of construct reliability [2] and variance extract (VE) values. Indicators of the variables will meet the reliability requirements if the test value CR ≥ 0.70 and VE ≥ 0.50 . Table 1 shows the reliability and validity values of the indicator theme of the seminar's parenting indicator.

Table 1. Reliability and Validity From Theme of Seminar's Parenting

Variable	SLF ≥ 0.30	t-value	Error	Reliability		Validity
				CR ≥ 0.70	VE ≥ 0.50	
Theme of Seminar's Parenting				0.78	0.51	(Good Reliability)
Kid's talent	0.42	5.50	0.83			Good
Education	0.53	3.67	0.54			Good
Game	0.46	4.29	0.54			Good
Health	0.51	3.82	0.91			Good
Child Development	0.56	7.75	0.68			Good

In table 1 that the variable theme of the seminar's parenting has good reliability and good validity. The loading factor value of the indicator variables include kid's talent, education, game health, health, child development in a row of 0.42; 0.53; 0.46; 0.51; 0.56. The t-value for each indicator variable kid's talent, education, game health, health, child development in a row are 5.50; 3.67; 4.29; 3.82; 7.75. This is in accordance with the provisions of an indicator variable having good validity if the loading factor value ≥ 0.3 and t -value ≥ 1.96 . The reliability value for CR is 0.78 and VE is 0.51. Indicators of the variables will meet the reliability requirements if the test value CR ≥ 0.70 and VE ≥ 0.50 . The parenting seminar is an informal activity carried out to harmonize patterns of care and early childhood education. This parenting activity is very useful in supporting the growth and development of children. So that the models and themes in the seminar need to be considered so that the right parents choose parenting activities[14]. The parenting seminar can provide balance and knowledge in family management. Self-control and knowing effective parenting strategy strategies[15].

Facilities provided to children

The involvement of parents, both fathers and mothers, has a role in the success of parenting programs. Sometimes there is a difference between father and mother in understanding parenting that is right for their child. One of the things that millennials parents need to understand is the provision of facilities for children. Especially in the 4.0 revolution era technology where information for children must be filtered correctly. Facilities provided by millennials parents for young children are shown in Figure 4.

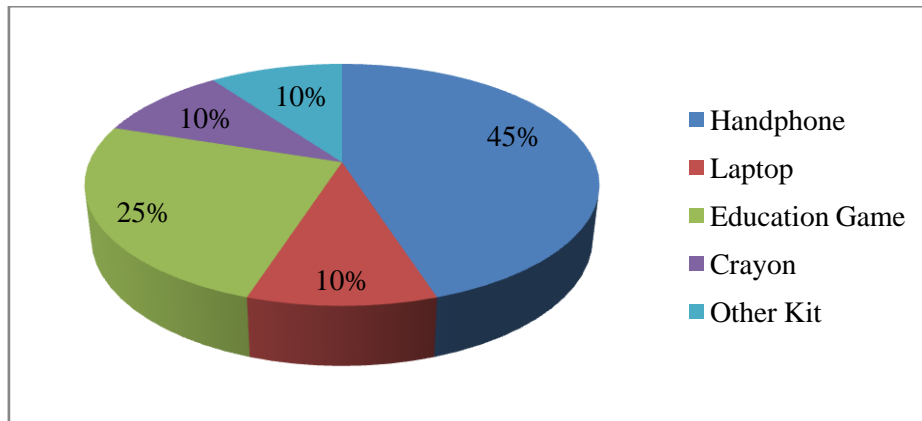


Figure 4. Children's facilities

Figure 4 shows that the facilities provided by millennial parents for their children are 45% in the form of mobile phones. This is because of the convenience obtained with the use of mobile phones. Laptop is a facility that is given 10% of millennial parents to support the growth and development of children. For motoric activities, millennials parents choose 25% education game, 10% crayons and 10% other equipment time to be able to play together. Table 2 shows the reliability and validity values of the indicator children's facilities.

Table 2. Reliability and Validity of Children's Facilities

Variable	SLF ≥ 0.30	t-value	Error	Reliability		Validity
				CR ≥ 0.70	VE ≥ 0.50	
<i>Children's facilities</i>				0.81	0.62	(Good Reliability)
Handphone	0.43	3.71	0.64			Good
Laptop	0.51	4.23	0.76			Good
Education Game	0.52	3.82	0.71			Good
Crayon	0.48	5.12	0.82			Good
Other Kit	0.41	5.67	0.78			Good

From table 2 value of loading factor from children's facilities variable with handphone, laptop, education game, crayon, other kit indicators are 0.43; 0.51; 0.52; 0.48; 0.41. The t-value are 3.71; 4.23; 3.82; 5.12; 5.67 for handphone, laptop, education game, crayon, other kit indicators. This is in accordance with the provisions of an indicator variable having good validity if the loading factor value ≥ 0.3 and t-value ≥ 1.96 . The reliability value for CR is 0.81 and VE is 0.62. Indicators of the variables will meet the reliability requirements if the test value $CR \geq 0.70$ and $VE \geq 0.50$. Revolution 4.0 which is accompanied by technological development makes various types of facilities can be enjoyed by children. The economic capabilities of millennials parents who are on average as workers make these facilities easily obtainable and available to children[2]. Various children's facilities are presented attractively with a variety of packages tailored to social networking, lifestyle, hobbies, entertainment with a variety of features[16]. However, the benefits of this facility for children are of course important to be used as shared thoughts so as not to become a boomerang for millennials parents and children[17]. Provision of mobile facilities reaches 45%, ironically, early childhood is not eligible to use mobile phones. The use of mobile phones can cause a child's social sense to not exist, interaction with the surrounding environment is also absent, and more introverted. So that the provision of mobile facilities for children must be under the supervision of parents[18].

Children's activity

Millennial parents invite children to participate in non-formal activities that can be done together or carried out by individuals. Children will be chosen activities that support the child's growth and development. Activities undertaken by children who have millennial parents are shown in Figure 5.

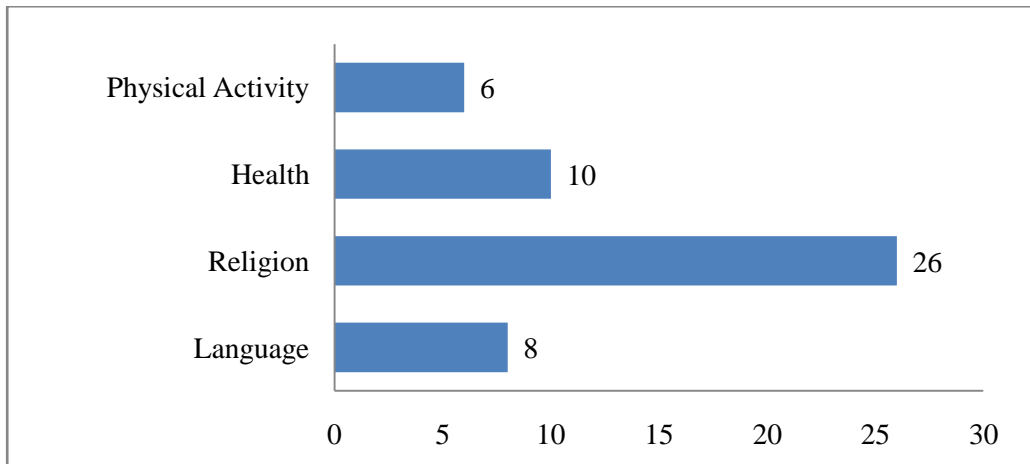


Figure 5. Children's Activity

From figure 5 activities supported by millennial parents to support the growth and development of early childhood include activities related to physical, health, religious and linguistic activities. Physical activity is related to the child's motor development. Activities attended included origami, dance, painting and entry to sports clubs. Table 3 shows that reliability and validity of Children's Activity.

Table 3. Reliability and Validity of Children's Activity

Variable	SLF ≥ 0.30	t-value	Error	Reliability		Validity
				CR ≥ 0.70	VE ≥ 0.50	
Children's activity				0.72	0.52	(Good Reliability)
Physical Activity	0.35	3.56	0.54			Good
Health	0.48	3.89	0.76			Good
Religion	0.49	3.74	0.69			Good
Language	0.39	4.21	0.73			Good

From table 3 that the variable children's activity has good reliability and good validity. The loading factor value of the indicator variables include physical activity, health, religion, and language in a row of 0.35; 0.48; 0.49; and 0.39. The t-value for each indicator variable physical activity, health, religion, and language in a row of 3.56; 3.89; 3.74 and 4.21. This is in accordance with the provisions of an indicator variable having good validity if the loading factor value ≥ 0.3 and t-value ≥ 1.96 . The reliability value for CR is 0.72 and VE is 0.52. Indicators of the variables will meet the reliability requirements if the test value $CR \geq 0.70$ and $VE \geq 0.50$. Activities that children will follow are essentially safe and comfortable in their environment. With the move children will have an understanding of something, explore the environment, find concepts, interact socially with adults or their peers. Able to make something valuable and have a respect for something good. Activities will motivate children, share the differences of each individual found, learn from simple to complex, from the real to the abstract, from non-verbal to verbal and from oneself to others[10]. The purpose of giving activities to children is that there is a change and mutual influence between physical and psychological aspects that are a harmonious whole. Children will also gain new experiences that give rise to new behaviors[19].

Millennials parents reason

Millennials parents reason choose the children's activity shown in Figure 6.

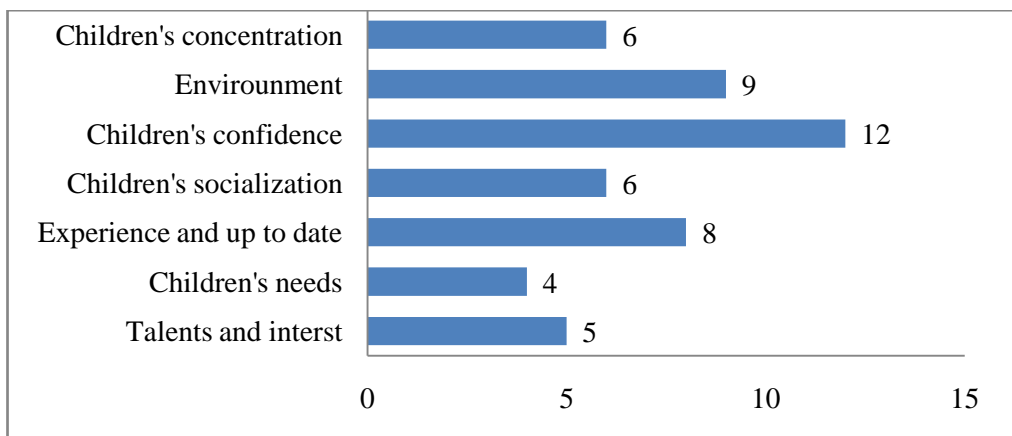


Figure 6. Millennials Parents Reason

Figure 6 explained that the reason millennial parents in choosing non-formal activities for children is because these activities can train the concentration and focus of children, the activities carried out are usually the same as other children in the surrounding environment. So the reason is to support children's activities because of the support of the environment. Millennial parents also support activities that can increase self-confidence in children and experiences and make them look more presentable and not be left behind by others[18]. Another reason is because children really need these activities and millennials parents feel the children have the talent and interest in the activities that are followed. The role of millennial parents is important in the education process because they understand the advantages and disadvantages that exist in children[5]. Factors affecting millennial parents do parenting programs for children because of past experiences, personality types, norms that are believed, life in marriage and marriage, and the reasons for having children. Millennials parents also work on average, so they don't spend much time with children[15]. So they use parenting and community programs to support children's education. Table 4 shows that millennials parents reason.

Table 4. Reliability and Validity of Millennials Parents Reason

Variable	SLF ≥ 0.30	t-value	Error	Reliability		Validity
				CR ≥ 0.70	VE ≥ 0.50	
<i>Millennials Parents Reason</i>				0.83	0.61	(Good Reliability)
Children's concentration	0.43	4.45	0.65			Good
Environment	0.56	4.98	0.79			Good
Children's confidence	0.39	3.17	0.82			Good
Children's Socialization	0.52	4.86	0.69			Good
Experience and up to date	0.59	3.19	0.85			Good
Children's need	0.41	5.21	0.74			Good
Talents and Interest	0.47	4.87	0.86			Good

From table 4 that the variable of millennials parents reason has good reliability and good validity. The loading factor value of the indicator variables include children's concentration, environment, children/s confidence, children's socialization, experience and uptodate, children's need, talents and interest in a row 0.43; 0.56; 0.39; 0.52; 0.59; 0.41; 0.47. The t-value for each indicator variable children's concentration, environment, children/s confidence, children's socialization, experience and uptodate, children's need, talents and interest in a row 4.45; 0.56; 0.39; 0.52; 0.59; 0.41; 0.47. This is in accordance with the provisions of an indicator variable having good validity if the loading factor value ≥ 0.3 and t-value ≥ 1.96 . The reliability value for CR is 0.83 and VE is 0.61. Indicators of the variables will meet the reliability requirements if the test value CR ≥ 0.70 and VE ≥ 0.50 . In principle, early childhood activities must have principles, among others, oriented to the needs of children, activities must be aimed at meeting the development needs of each child, activities carried out to stimulate and explore children's talents, stimulate the emergence of innovation and creativity[20]. The environment used for children's activities must also support the parenting process. An interesting and fun environment to develop children's life skills. Life skills that encourage children to be disciplined, independent, able to socialize, honest and skilled. Activities should also be carried out in stages tailored to the child's abilities[13]. Other studies state that children's activities must support children's cognitive development, social and emotional development, language development, physical development and literacy development. For children, activities have very important benefits, not only to have fun but also a need that must be met. Through activities children can learn about themselves, others and their environment.

IV. Conclusion

Parenting children in the 4.0 revolution era have been adapted to technological developments. This has an impact on millennial parents in finding information related to early childhood parenting. An appropriate and effective picture of parenting is followed by millennials parents by joining parenting communities. Because millennials parents have an average career, they have the financial capacity to provide facilities and choose non-formal activities that support child growth and development.

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References

- [1] F. Cline and J. Fay, *Parenting with love and logic: Teaching children responsibility*. NavPress Publishing Group, 2020.
- [2] K. D. Hesketh, T. Hinkley, and K. J. Campbell, "Children's physical activity and screen time: qualitative comparison of views of parents of infants and preschool children," *International Journal of Behavioral Nutrition and Physical Activity*, vol. 9, no. 1, p. 152, 2012.
- [3] L. W. Hoffman, "The value of children to parents," 2019.
- [4] I. M. Paul *et al.*, "Effect of a responsive parenting educational intervention on childhood weight outcomes at 3 years of age: the INSIGHT randomized clinical trial," *Jama*, vol. 320, no. 5, pp. 461-468, 2018.
- [5] M. S. Faith *et al.*, "Evaluating parents and adult caregivers as "agents of change" for treating obese children: evidence for parent behavior change strategies and research gaps: a scientific statement from the American Heart Association," *Circulation*, vol. 125, no. 9, pp. 1186-1207, 2012.
- [6] M. Mikolajczak, M.-E. Raes, H. Avalosse, and I. Roskam, "Exhausted parents: sociodemographic, child-related, parent-related, parenting and family-functioning correlates of parental burnout," *Journal of Child and Family Studies*, vol. 27, no. 2, pp. 602-614, 2018.
- [7] J. Kaufman *et al.*, "Face-to-face interventions for informing or educating parents about early childhood vaccination," *Cochrane Database of Systematic Reviews*, no. 5, 2018.
- [8] C. A. Kildare and W. Middlemiss, "Impact of parents mobile device use on parent-child interaction: A literature review," *Computers in Human Behavior*, vol. 75, pp. 579-593, 2017.
- [9] S. Papadakis and M. Kalogiannakis, "Mobile educational applications for children: what educators and parents need to know," *International Journal of Mobile Learning and Organisation*, vol. 11, no. 3, pp. 256-277, 2017.
- [10] I. Martínez, S. Murgui, O. F. García, and F. García, "Parenting in the digital era: Protective and risk parenting styles for traditional bullying and cyberbullying victimization," *Computers in Human Behavior*, vol. 90, pp. 84-92, 2019.
- [11] E. National Academies of Sciences and Medicine, *Parenting matters: Supporting parents of children ages 0-8*. National Academies Press, 2016.
- [12] H. M. Ames, C. Glenton, and S. Lewin, "Parents' and informal caregivers' views and experiences of communication about routine childhood vaccination: a synthesis of qualitative evidence," *Cochrane Database of Systematic Reviews*, no. 2, 2017.
- [13] A. Schickedanz, N. Halfon, N. Sastry, and P. J. Chung, "Parents' adverse childhood experiences and their children's behavioral health problems," *Pediatrics*, vol. 142, no. 2, p. e20180023, 2018.
- [14] C. Clulow and M. Donaghy, "Developing the couple perspective in parenting support: evaluation of a service initiative for vulnerable families," *Journal of family therapy*, vol. 32, no. 2, pp. 142-168, 2010.
- [15] E. S. Allen, W. S. Grolnick, and J. V. Córdova, "Evaluating a self-determination theory-based preventive parenting consultation: The parent check-in," *Journal of Child and Family Studies*, vol. 28, no. 3, pp. 732-743, 2019.
- [16] S. D. Ramadani and I. D. Hanna, "PENYALAHGUNAAN INTERNET DAN PERAN TEMAN SEBAYA TERHADAP PERILAKU SEKSUAL REMAJA GENERASI MILENIAL: URGENSI PERAN PARENTING DI ERA DIGITAL," in *Prosiding SEHATI (Seminar Nasional Humanioradan Aplikasi Teknologi Informatika)*, 2019, vol. 5, no. 1, pp. 239-243.
- [17] G. F. Bentley *et al.*, "Parents' views on child physical activity and their implications for physical activity parenting interventions: a qualitative study," *BMC pediatrics*, vol. 12, no. 1, pp. 1-9, 2012.
- [18] F. W. Widiatoro and W. R. Ningrum, "PARENTING DI ERA MILENIAL SEBAGAI IMPLEMENTASI PENDIDIKAN KARAKTER," *KoPeN: Konferensi Pendidikan Nasional*, vol. 2, no. 1, pp. 102-108, 2020.
- [19] O. F. Garcia and E. Serra, "Raising children with poor school performance: Parenting styles and short-and long-term consequences for adolescent and adult development," *International journal of environmental research and public health*, vol. 16, no. 7, p. 1089, 2019.
- [20] R. Jago, K. K. Davison, R. Brockman, A. S. Page, J. L. Thompson, and K. R. Fox, "Parenting styles, parenting practices, and physical activity in 10-to 11-year olds," *Preventive medicine*, vol. 52, no. 1, pp. 44-47, 2011.

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