DEVELOPMENT OF THE CSD MODEL (CHILDREN SOUL DEVELOPMENT MODEL) BASED ON IBN SINA THEORY OF SOUL: AN ANALYSIS OF NEED

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ABSTRACT

This study is the initial part of a doctoral dissertation research conducted with the aim at designing a Soul Development Model based on Ibn Sina Theory of Soul. The development of this model is done to build a strong infrastructure for an effective learning educational setting based on Islamic Philosophy of thought. This study utilizes Design and Developmental Research (DDR) approach to design the Early Childhood Soul-Development Model based on Ibu Sina's Theory of Soul. DDR that is used in this study is a definite method in designing a new model of the children's soul development. This method consists of three processes of needs analysis, design and development, and evaluation of the model established, and is carried out by following the nature procedures of research and development; exploratory study, the stage of development, testing models and dissemination (Borg and Gall, 1983). This paper will analyse the first phase of the study, which is the need analysis process and involves an assessment of 40 parents in Selangor and Kuala Lumpur. Research and development are the steps consist of need analysis, document analysis and design model. Need analysis were collected through questionnaires and interviews and the document analysis will be utilizing content analysis method on two well-known books of Ibn Sina on the Soul, which are al-Isharat wa Tanbihat and as-Shifa'. The result of the analysis of questionnaires and interviews revealed that parents need guidelines for nurturing and stimulating the soul of their children from the very early phase of childhood so that it can properly develop.

Keywords: *children, soul development, CSD Model, theory of soul*

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INTRODUCTION

To date, no study has been conducted to make the essence of Ibn Sina's Theory of Soul for the use in designing the Soul Development Model of Children. Thus, this article attempts to utilize the essence of the specific theory in designing the CSD Model (Children Soul Development Model). However, in the initial phase of a DDR metod (Design & Development Method), a need analysis is done to identify the needs for developing the CSD Model. To recognize the importance of developing a Soul Development Model, it is helpful to first see the background of Ibn Sina and his definition on human soul in whole.

Biography of Ibn Sina

Abu Ali Husayn ibn Abdallah Ibn Sina (c. 980-1037) whose known as *Sheikh al-Rais* or *Hujjah al-Haq* in the East and as Avicenna in the West, is one of the most important and influential figure in the global intellectual history, remarkably in the development of intellectual knowledge and wisdom in the Islamic parts of the world. He is known to be one of the greatest Medieval Islamic Philosophers and has believed to have written more than 450 books on various subjects; particularly philosophy, medicine and physics, where only 250 of them have survived. Two of his books that have been 'the apple of the eyes' of the scholars and intellectuals around the world in those days until now are; Canon of the Medicine and The Book of Healing. The latter, which will be one of the main books of this study, is a voluminous philosophical and scientific encyclopedia that includes subject such as Logic, Natural Sciences, Psychology, Metaphysics, Mathematics and Philosophy. Some says it is a philosophical treatise dealing with the soul due to the large amount of chapters, which focuses more on this subject. Other books such as Remarks and Admonitions and Salvation[1] also discusses on the soul, therefore Ibn Sina can also be named as the 'Father of the Soul' in the world of Philosophy, due to his wide range and in-depth of works regarding the matter. Maybe the biggest factors that contributed to the outcome of these magnificent masterpieces are; his access to the great libraries of Balkh, Khowarezm, Gorgan, Rey, Isfahan and Hamedan, as well as his opportunity to learn, debate and discuss with the greatest scholars of the time. He lived in the peak of the scholarly atmosphere namely the Islamic Golden Age where cultural works flourished, the study of Quran and Hadith thrived, the field of Philosophy, Fiqh and Kalam developed. Most of his works has also been translated into various languages in that period of time.

Ibn Sina on Human Soul

Ibn Sina discusses regarding the soul in his *al-Najat, Isharat wa Tanbihat, Mubahithat, Ta'liqat* and *Mabda' wa Ma'ad.* The in-depth discussion is seen in chapter six of his *al-Shifa'* where he puts the discussion of mass and the characteristic of mass; that is motion and resolution under the discussion of nature (*tabi'ah*). There, he claims that the source of movement for the plants, animals and human is the soul.

Soul, according to Ibn Sina is the primary perfection, as it completes the race to become an actually existing kind. He follows Aristotle, who considers the soul as the primary perfection (entelechy) of a natural organic body, from which the acts of life can be emanated.[2] The primary perfection here means something that constitutes the specificity of species[3], however it is not the specificity itself, because specificity is the characteristics, which is considered as the secondary perfections. In other words, primary perfection is the essence of existence and needs no necessary relations with objects to verify itself. For instance, the shape or form in relation to a pencil (relation of material to form); here, the relation through mental analysis is referred as unified, not additional or connected. These two latter relations explain the relationship between the secondary perfections and the objects, such as writing in relation to the pencil.

This definition of the soul by Ibn Sina indicates that the Aristotelian views were the dominant paradigm for mostly all the Muslim Philosophers in the 9th and 10th centuries. Ibn Sina himself shows agreement with

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[1] Kitab *al-Najat*, some call The Deliverance.

[2] Aristotle in his *De Anima* defines the soul thusly: "The first entelechy of a natural organized body possessing the capacity of life." (De Anima, II, i412 a 27; 412b line 5, as quoted in Fazlur Rahman p 195).

[3] Ibn Sina, *'Ayn al-Hikma* in the collection of the treatises 1, Bydar Public, Qom 1400 HQ.

Aristotle in most of his works and besides of coming out with his own views, he also gave efforts on unifying his predecessors' views on the concept of soul.

Methods for Designing the CSD Model

This doctoral dissertation utilizes Design and Developmental Research (DDR) approach to design the Children Soul Development Model (CSD Model). DDR approach (Richey, Klien, & Nelson, 2004) is used to design interventions such us programs, instructional modules, products, as well as model. Therefore, DDR that use in this study is a definite method in design new model of children's soul development. This method consists of three processes of needs analysis, design and development, and evaluation of the model established. Phase I is the need analysis process which involve an assessment of the needs; Phase 2 is the design process which consists of list of elements by panels of experts and content analysis of the texts; and Phase 3 is the evaluation of the model. Table 1 indicates the purpose of each phase in this study.

Table 1.1
Summary of the research design

PHASE	PURPOSE	METHOD	EXPECTATION OF THE OUTCOMES
Phase I: Need Analysis	Identifying the need to design the Children Soul Development Model	Survey	Justification of the needs and identification of the important elements of the model
Phase II: Development/ Design	Design of intended model	Two methods are employed: 1. Major elements and sub-elements from literature review 2. Content Analysis of Ibnu Sina's theory of soul	Protoype Model of Early Childhood Soul-Development based on Ibnu Sina theory of soul.
Phase III: Evaluation	To validate whether the Children Soul Development could be suitable as a guide in implementing to educate soul among children	Fuzzy Delphi Method (FDM)	Decision on the suitibility of the model based on the experts' consensus

Need Analysis Phase for Designing the CSD Model

The study is focused on examining and analyzing the view from parents on the development of soul among children. Spiritual area of human being whereas theoretically viewed by Ibnu Sina will be review to get the basic elements of soul development. Thus, the study began with a need analysis that aimed at identifying the need to develop children's soul development model. In order to achieve this aim, the need analysis phase tried to answer the following research questions:

1.1 What is the knowledge possesses by parents on children's development?
1.2 What are the important elements for children development based on parents' perception?
1.3 What are sources, factors and the important elements for children's soul development?

Answers from these questions are important to justify whether there is a need to develop children's soul development model. Samples for this phase will involve 44 parents who were undergoing brought up their

own children more than two. Purposive sampling will be used to select the sample. The structured-interview technique will be utilized for data collection.

Witkin (1997) defined need analysis as a method to identify the gap between the current situation and targeted situations. Mc Killip (1987) on the other hand, stated that needs analysis is a judgment value that a specific group has a problem, which needed to be solved. In the attempt to define need analysis, Hutchsin and Waters (1987) identified 3 useful classification of needs; necessities, lacks and wants. Necessities refer to what need to be learned to function effectively in a target situation. Lacks refer to the gap between what the learners already knew and the targeted knowledge, while wants to associate with subjective needs of the learners.

Findings of the Need Analysis

The purpose of the study is to investigate the needs of developing Model of Children's Soul Development Based on Ibnu Sina Philosophical Thought. There are several models adapted to construct the questionnaire of this section. First model is al-Ghazali *'Tarbiat'*, and the second is the model of children's soul education by Amini (2006). These two models were adapted and modified for the first phase of the study. A survey method was utilized among 44 parents to investigate the needs of adopting the model proposed. The data obtained were analyzed through descriptive statistics using the Statistical Package of Social Sciences research. Instrument of the needs analysis includes below:

a. Background of the sample
b. Sources or factors of soul development
c. Important elements of the soul development

The main objective of phase I (Need Analysis Phase) in this study was to identify the needs of childrens' soul model development based on parents' views. The need analysis survey was distributed to 30 parents for a pilot test and the actual survey received respond from 44 samples. The sample consisted of 5 male and 39 female where 23 were lived in urban area, 17 in the sub-urban, and 4 lived in rural area as shown in Table 2 and 3. Table 4 shows the placement of children before they go to school. This study used purpose sampling which is known as a non-probability sample that is selected based on characteristics of a population and the objective of the study. Purposive sampling is also known as judgmental, selective, or subjective sampling. This study refers to Typical case sampling which is a type of purposive sampling useful when a researcher wants to study a phenomenon or trend as it relates to what are considered "typical" members of the effected population (Crossman, 2017). The validity of the instrument was conducted to three experts and the pilot test result of the survey instrument is indicated below:

Table 1
Result of Reliability Test

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items
.874	.818

Table 2
Sample by Gender

Valid	Gender	Frequency	Percent	Valid Percent	Cumulative Percent
	Male	5	11.4	11.4	100.0
	Female	39	88.6	88.6	100.0
	Total	44	100.0	100.0	100.0

Table 3
Place of Settlement

Valid	Place	Frequency	Percent	Valid Percent	Cumulative Percent
	Urban	23	52.3	52.3	100.0
	Pinggir	17	38.6	38.6	100.0
	Rural	4	9.1	9.1	100.0
	Total	44	100.0	100.0	100.0

This study also tries to identify the placement of children before they go to school which the result depicts in Table 4.

Table 4
Placement of Children Before School

Valid	Children's Placement	Frequency	Percent	Valid Percent	Cumulative Percent
	Own house	14	31.8	31.8	
	Grandfather/mother	5	11.4	11.4	
	Relative/neighbour	14	31.8	31.8	
	Children Care-Center	11	25.0	25.0	
	Total	44	100.0	100.0	100.0

Table 4 indicates that there were different types of children's placement before they go to school. There are 31.8% of the parents placed their children at home and also 31.8% placed them at relative or neighbour house. Few of them (25.0%) placed them at children center.

The Knowledge Possesses by Parents on Children's Development

The following findings reported the parent's views on knowledge possesses by parents on children's development; the needs of children's soul development model; and the sources, factors and the important elements for children's soul development based on parents' view.

The beginning part of the needs analysis is to seek the parent's knowledge on children's soul development. This will answer Research Question 1.1 of this study   "What are the knowledge possesses by parents on children's development?". The answer for Research Question 1 can be seen in Table 5 to Table 7. Based on data as shown in Table 5, majority (88.6%, n=39) Strongly Agree that children's soul development begin at the early age after delivered.

Table 5
Children's Soul Development Starting from Childhood

Valid	Perception	Frequency	Percent	Valid Percent	Cumulative Percent
	Strongly Disagree	0		0.0	100.0
	Disagree	0		0.0	100.0
	Neutral	0		0.0	100.0
	Agree	5		11.4	100.0
	Strongly Agree	39		88.6	100.0
	Total		100.0		

When probed to the stage of children's soul development, the majority of the sample (97.7%, n=43) strongly agreed that there are several stages and level in children's soul development as shown in Table 6.

Table 6

Children's Development of Soul Consist of Several Different Stages

Valid	Perception	Frequency	Percent	Valid Percent	Cumulative Percent
	Strongly Disagree	0	0.0	0.0	100.0
	Disagree	0	0.0	0.0	
	Neutral	0	0.0	0.0	
	Agree	1	2.3	2.3	
	Strongly Agree	43	97.7	97.7	
	Total	44	100.0	100.0	
				100.0	

Majority of the respondents (72.7%) strongly agree that there is relationship between developments of the soul during childhood with the development of adult as shown in Table 7.

Table 7

Strong Relationship between Children's Soul Development and Adult's Development

Valid	Perception	Frequency	Percent	Valid Percent	Cumulative Percent
	Strongly Disagree	0	0.0	0.0	
	Disagree	1		2.3	
	Neutral	2	100.0	4.5	
	Agree	9		20.5	
	Strongly Agree	32		72.7	
	Total	44		100	

The Needs of a Children's Soul Development Model

The second part of the needs analysis is to seek the parent's views on the need of developing model of children's soul development. This will answer Research Question 1. 2 of this study "What are the needs of children's soul development model?". The answer for Research Question 1.2 depicts in Table 8 to Table 9.

Table 8

Development of Children's Soul is Important

	Perception	Frequency	Percent	Valid Percent	Cumulative Percent
	Strongly Disagree	0	0.0	0.0	
Valid	Disagree	0	0.0	0.0	
	Neutral	0	0.0	0.0	
	Agree	1	2.3	2.3	
	Strongly Agree	43	97.7	97.7	
	Total	44	100.0	100.0	

When probed further into their views on the importance of children's development, the majority (97.7%) of the respondents strongly agreed that the development of children's soul is important as shown in Table 7.

Table 8 also reports that majority of respondents (95.5%) either agreed and strongly agreed that there is a need of developing a model of children's soul development.

Table 9
A Model of Children's Soul Development is Needed

	Perception	Frequency	Percent	Valid Percent	Cumulative Percent
	Strongly Disagree	0	0.0	0.0	
	Disagree	0	0.0	0.0	
Valid	Neutral	2	4.5	4.5	
	Agree	7	15.9	15.9	
	Strongly Agree	35	79.6	79.6	
	Total	44	100.0	100.0	

Based on the result of Table 9 indicated that majority of the sample

Report on the sources in improving knowledge of soul development of the children indicated that they either disagree or strongly disagree that a model of soul's children development was needed.

Sources and Factors of Soul Development of the Children

As added sources in improving knowledge of soul development of the children a high percentage of book (75.0%) and Idol/Scholar/role model (75.0%) as sources. These result indicated that both sources are essential for improving knowledge of the children's soul development as depicts in Table 10. The other sources also show the level of its importance to get the knowledge of soul development.

Table 10
Sources in Improving Knowledge of Soul Development of the Children

	Perception	Frequency	Percent	Valid Percent	Total
	Book	33	75.0	75.0	100.0
	Magazine	25	56.8	56.8	100.0
	TV	26	59.1	59.1	100.0
Valid	Idola/Scholar/role model	33	75.0	75.0	100.0
	Friend	22	50.0	50.0	100.0
	Website/internet	4	9.1	9.1	100.0
	Total	44			100.0

Table 11 indicated that the communication (88.6%), caring and touching (86.4%) and also environment (72.7%) were highly scored as factors that influence soul development of children.

Table 11
Factor Influence Children's Soul Development

	Perception	Frequency	Percent	Valid Percent	Cumulative Percent
	Smiling	30	68.2	68.2	100.0
	Communication	39	88.6	88.6	100.0
	Caring&Touching	38	86.4	86.4	100.0
Valid	Health	30	68.2	68.2	100.0
	Playing	26	59.1	59.1	100.0
	Attendance	28	63.6	63.6	100.0
	Environment	32	72.7	72.7	100.0
	Peers	31	70.5	70.5	100.0
	Total		44	100.0	

Table 12 depicts the answer of Research Question 1.4 "What are the important elements for children development based on parents perception?"

CONCLUSION

The purpose of this study was to design a model of Children Soul Development (CSD) based on Ibnu Sina's theory of soul. The study adopted the Design dan Development Research approach (DDR) with three phases of data collection. It starts with ensuring the need for developing the model for by involving forty-four parents as respondents in phase one. In short, the overall findings of this section shows the parents perceived that there are needs for designing a model for the soul development of the children. The CSD model is designed for the purpose of providing an optional strong-structured solution for the need of an Islamic perspective of children soul-development model where it can be used in intellectual means of various fields. It can be applied as a basis of the intellectual thought in the Muslim community and the Muslim world in a whole.

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