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Submission date: 05-Jan-2021 09:10AM (UTC+0700)

Submission ID: 1483134941

File name: TY_OF_VOCATIONAL_HIGH_SCHOOL_IN_SPECIAL_REGION_OF_YOGYAKARTA.pdf (258.29K)

Word count: 6544

Character count: 35150

IMPLEMENTATION MODEL OF THE GUARANTY OF EDUCATIONAL QUALITY OF VOCATIONAL HIGH SCHOOL IN SPECIAL REGION OF YOGYAKARTA

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14 **STRACT**

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This research is qualitative research. This research is conducted in ten vocational high school existing in Special Region of Yogyakarta Province. The technique of data collection in this research including: observation, interviewee, documentation, as well triangulation. The data analyzing used in this research use the method from Miles and Huberman which begun with data collection, reduction the data, presentation the data and making conclusion. This research obtains: 1) vocational high school in Yogyakarta now days in outlines including input, process, output and outcome. The input including: a group of human resource that has a role in the implementation, such as the headmaster, team leader, teacher council and education staff. Proceed by doing the management toward the curriculum, financing management, students management, human resource management and facilities and infrastructure management. Meanwhile, the out is the competency result has good quality, 2) the implementation model of the quality of education guaranty which should be used in vocational high school now days, should still use the previous model, but when the human resource has been chosen in carrying out the role in the implementation the quality of education guaranty, it should be selected.

Keyword: implementation, vocational high school, education

INTRODUCTION

The improvement and enhancement of the education quality is a government's commitment of Indonesia applying through various policies. The education and culture are a responsibility of the government, regional government, community and business world. The stage of the education quality of guaranty is started with the determination of the standard quality, standard fulfilled, measuring and evaluation by collecting the data and analysis, improvement and development the standard in the quality of education improvement which refers to the reference of the quality of education, such as minimal standard of service, national education standard and the standard of educational quality which surpasss the standard of national education.

The effort of the improvement of educational quality is made integrated between the organizer and education coach in all of levels by education program in the framework of the system of the guaranty of educational quality, as it is organized in the regulations of the minister of education and culture No. 28/2016.

Basically, the guaranty of educational quality is a effort in making the national education to be better from time to time. The national education as listed in the constitution of Republic of Indonesia No. 20 year 2003 about the national education system aims to develop the potency of the learners to be a human having faith and fear to the one and only God, have a noble character, healthy, knowledgeable, have a competence, creative and independently, and become a citizen that is democratic and responsible.

Specially for the guaranty of educational quality in vocational high school, should be adjusted with the condition and characteristic of vocational high school. Vocational high school is an education preparing the learners to be productive people that is ready to work in their field after finishing their education and training. The management of educational and training program, specially which is relevant with the change of the job market as well the preparation of the people that is ready to work, but it does

not mean that human is assumed as production factor, but since the economic development needs a good, responsible as well productive people.

Vocational education should be run on the basis of the principle of human resource investment or human capital investment. The higher quality of the education and training owned by someone, the more productive and effected to the high value of its economic and welfare. As a result, the more improvement the national productivity, the vocational high school will improve the competitiveness of the labor in global market. In the case of competitiveness in the global market, the alumnus from vocational school needs the curriculum which adopt the values applying in the job implementation, such as discipline, obey the principles, effective and efficient. The curriculum in general is a policy which organize the education process.

The paradigm of improvement in the field of employment in the future, needs to be positioned toward the creation of employment opportunity as much as possible and appropriate with the types and level of skill needed in working world. The previous experience shows that the policy which is only oriented to the improvement of economic growth cannot create the adequate job opportunity and create [12](#) problem of unemployment. On the regulation about the comparison of the number of students in vocational high school and the number of students of senior high school should be suitability and planning of the National Labor. This matter is the implementation of the Labor Department Policy and Transmigration suitable with the mandate of constitution No. 13 year 2003, about the employment. The planning of National Labor is a reference in arranging the policy as well the employment program and as an information source and reference to develop the human resource of Indonesia.

Various pattern of educational management in vocational high school to improve the students' competency has been done, beginning with the pattern of the Educational Dual System, open system, long distance education, educational counselling pattern as well transfer of schools. The provision about the evaluation and certification have been set in the curriculum. In the implementation, the assessment is classified as assessment class based and competency assessment. On the aspect of certification, stated that the vocational high school is given the authority to examine and giving certificate to the learners passed. The certification of competency is given to the learners that are passed the competency test and given by the institution of certification, association of profession, the company/ industry of training institute having the credibility in its field or the training institute having the authority by certification body.

Specially in Special Region of [11](#) Yogyakarta, the secondary education institutions in Special Region of Yogyakarta Province, including senior high school, Madrasah Aliyah, and vocational high school. Meanwhile, the strategy planning of Provincial Education Office, Regional and City in Special Region of Yogyakarta, including: 1) the improvement of facilities and infrastructure of provincial education office of Special Region of Yogyakarta, 2) the improvement of facilities in educational management to improve the quality of graduation, 3) the improvement of youth empowerment, and 4) the improvement of the graduation quality.

Directorate of Vocational High School Development (2004;24), states there various problem, such as 1) the relevancy and the quality of vocational education is still low, 2) the access toward the vocational secondary education services is inadequate, and 3) the management of vocational secondary education is still not efficient, types and number of program skill is not suitable with the working world offering.

The problem occurs this day is not only on those problems, but there are many other problems which actually needs to be solved as fast as possible. One of the basic problems related to the phenomena that has been delivered at the beginning is that there is an implementation of The Regulations Of The Minister Of Education And Culture No. 28/2016 about the system of the guaranty of the quality of primary and secondary education, however until today there is no evaluation to assess how effective of the implementation of The Regulations Of The Minister Of Education And Culture No. 28/2016, what it looks like and how effective of the implementation model applied in vocational school is.

This matter is crucial expressed, because, if the implementation and model implementation about the guaranty system of primary and secondary education quality in each vocational high school, especially in Special Region of Yogyakarta is not effective, so it will causes the country has loss since the fund used for the needs is taken from the allocation of education budget which is about 20 percent.

Based on the problem, in this case the researcher intends to conduct the research about the implementation model of The Regulations Of The Minister Of Education And Culture No. 28/2016 about the system of the guaranty of the quality of primary and secondary education, in vocational high school specially in Special Region of Yogyakarta. The researcher expect that the research can give the information to the government about the reality of the effectivity of implementation model of The Regulations Of [7](#) the Minister Of Education And Culture No. 28/2016 about the system of the guaranty of the quality of primary and secondary education of Special region of Yogyakarta and give suggestion to

the government about the things which should be done related to the implementation model of The Regulations Of The Minister Of Education And Culture No. 28/2016 about the system of the guaranty of the quality of primary and secondary education which is effective.

If the implementation model is effective, so the effort to create the vocational high school which has the quality and able to produce the alumnus having skill which appropriate with the need of work market can be achieved. Besides, the researcher wants to make an implementation model of the guaranty of educational quality which should be used in vocational high school now days.

Vocational education relates to the job which is one of the basic rights for every Indonesian's Citizen. The Constitution of 1945 mandates that every citizen have a right for employment and decent life for humanity. The constitution '45 mandate requires the strong effort to create the sufficient employment and everyone has a job (The Planning of National Labor, 2004-2009: vii). Vocational education which is appropriated with provision of employment is a basic and principle need in the process of National development of Indonesia. the provision of employment in sufficient amount appropriate with the number of the labor, and by adequate quality which is appropriate with the skill needed, the community will be able to give a decent remuneration for every labor in fulfill the country constitution's mandate which should be realized. Creating the condition in order to the labor have a job, besides for fulfilling the constitution's mandate, also as a way to drive the economic wheel and national development in a whole. The government together with the community should prepare the competitive labor (at the level of Region, National and International), one of them is through the vocational education. If the alumnus of vocational high school has the quality, so the assumption will give an effect to the development nationally.

RESEARCH METHODOLOGY

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This research is qualitative research. The research is conducted in ten vocational high schools in the Special Region of Yogyakarta Province, each district taken two vocational high schools to be a location of research, and the complete list as follow:

Table 1. Research Location

No.	School Name	District
1.	SMKN 2 Wonosari	Gunungkidul
2.	SMK YAPPI Wonosari	Gunungkidul
3.	SMK Muh 1 Bantul	Bantul
4.	SMKN 1 Bantul	Bantul
5.	SMK Ma'arif	Kulonprogo
6.	SMKN 2 Pengasih	Kulonprogo
7.	SMKN 2 Depok	Sleman
8.	SMK Nasional Berbah	Sleman
9.	SMK Muh 3 Yogyakarta	Yogyakarta
10.	SMKN 6 Yogyakarta	Yogyakarta

The source of data in this research are: 1) people consisting of the headmaster and teachers in all of the research location, 2) place, all of things in research location which is able to be research data, 3) documentation, all of the documentations like script or picture. The technique of data collecting in this research including observation, interview, documentation as well triangulation.

Data analysis used in his research uses the method from Miles and Huberman which is started with collecting the data, reducing the data, presenting the data and making conclusion. In doing the data reduction, the researcher does the observation toward all the data obtained carefully to be able to do the presentation of data correctly

The credibility of data tested done in this research including several steps by extending the observation in the field, improving the persistence, performing the data retrieval triangulation based, having a discussion with the expert, doing negative case analysis, adding the literature on the reference and making member check.

Transferability of data tested in this research is done by the researcher in order to the result obtained can be applied on the other locations. The researcher gives the argumentation or explanation toward the analysis result based on the references which is relevant and credible.

Since this research is a research using mix method specially on the final formulation of the problem, so the researcher's founding obtained from the qualitative method is still early founding and at the end, the researcher combine with the analysis result using quantitative method.

RESEARCH RESULT AND DISCUSSION**Implementation Model of The Guaranty of Educational Quality of Vocational High School in Special Region of Yogyakarta**

The history of the existence of the guaranty of educational quality in vocational high school, almost all of the interviewees giving the information related to the implementation of guaranty of educational quality system of vocational high school. One of the information from the headmaster representing of all the data about the history of the existence of the guaranty of educational quality in vocational high school.

At first, the government through the education service ask us (the school) to implement the system if the guaranty of educational quality, at the time is ISO. The first reason stated is the requirement to get various supports from the government (KS, 2018).

From the explanation, hint that at the first, the government invitation through the education authorities is to facilitate school in getting the support from the government.

Every interviewee gives the information about the early motivation which is underlie the vocational high school in using the system of the guaranty of educational quality. This information become interested to be analyzed since the early motivation from school in using that system become a benchmark in predicting the quality of the system of quality guaranty in school. The information obtained related to that case, presented as follow:

At first, our motivation is not from ourselves, but due to the government invitation through the education authorities to facilitate getting the various support from the government, and if it is not implemented, the school will face a difficulty in getting the support from the government.

From the headmaster's explanation show that the government invitation is an effective way to force the school in implementing the system of the guaranty of educational quality.

An important information to be analyzed is the information related to the situation occurring at school after the vocational high school implemented the system of the guaranty of educational quality from the motivation which underlie. All of the informants agree with this statement, it means that the condition after implemented the system become a crucial point to give further and deep explanation. The information obtained from one of the headmasters related to that case can be view as follow.

We realize that the early motivation is from the government, but during the process we realize how important the system for this school, the system of the guaranty of educational quality in our school are really able to be signs as well as regulator of every steps we do in our school (KS, 2018).

The information from the headmaster show that though at the beginning they are forced to implemented the system of guaranty of educational quality in their school, but during the process, they really realize about the advantageous they can be achieved.

The last, the data about the information show the relevancy of the implementation of the guaranty system of educational quality in vocational high school. From the interview result show that the implementation of the guaranty system of educational quality is a relevant matter. The information related to the matter is as follow:

Though at the first, we feel did not understand, but during the process from time to time in implementing the guaranty system of educational quality in our school, we are sure that the implementation of the guaranty system of educational quality specially for vocational high school is really relevant (KS, 2018).

For the next, the decent data to analyzed in this research is related to the data revealing about the response of the vocational high school toward the guaranty system of educational quality which is implemented in school.

Several things done by the researcher in facing many data of implementation model obtained by the researcher is that the researcher always do the validity test toward every data obtained by credibility test of data by doing the extra time of research, increasing persistence, having discussion with some friends having the competency and also with the experts, as well doing the exploration toward the references which support. all of the things are done to make the data presented have validity and reliability.

In presenting the data of implementation model especially qualitative data, the researcher presents the implementation model of data from all of the school which are subject research presenting in one form of data information.

Human Resource Having a Role in Implementation of The Guaranty of Educational Quality of Vocational High School in Special Region of Yogyakarta

Related to this matter, the researcher has done the interview with many sides about the people having competency to find the answer key of this problem as well the important information related to

this topic. The interview result with one of the headmasters, where the answer is the key answer of this problem which can be view as follow.

The human resource that have a role in implementation of guaranty of the educational quality in vocational high school is the headmaster, the team leader of the quality guaranty, teacher council, and education staff. However, in the implementation, the parent's role also gives the contribution, such as support toward the human resource existence in school (KS. 2018).

All of the human resource existence in vocational high school think about everything that should be prepared by the school in implementing the guaranty system of educational quality of school, what they can obtain and how many costs they should be spent.

All of the human resource which have a role in implementation of the guaranty of educational quality have an obligation to give clear description about the guaranty of educational quality to all of people in school environment and common people. His case happen because of the response toward the guaranty system in school is not only comes from people at school but also in out of school. The response from out of school give a more pressure rather than in school. All of that things needs to be noticed and become an interesting discussion, because if there is a different response between common people and response should be, it will cause the unwilling indication.

Evaluation toward The Implementation of Guaranty System of Educational Quality of Vocational High School In Special Region of Yogyakarta

In the process of implementing the guaranty of educational quality in vocational high school needs the evaluation, both from internal and external. This evaluation is important to be done to know how far the successful of the implementation.

Basically, the evaluation will give a pressure to the side that will be evaluated. As an evaluation done by the researcher toward the implementation of the guaranty of educational quality also create various responses from all of sides. From all of the response, the following is several responses from vocational high school which is presented and then analyzed and expected will lead the researcher in formulating the conclusion related to the response toward the evaluation toward the implementation of the guaranty system of educational quality.

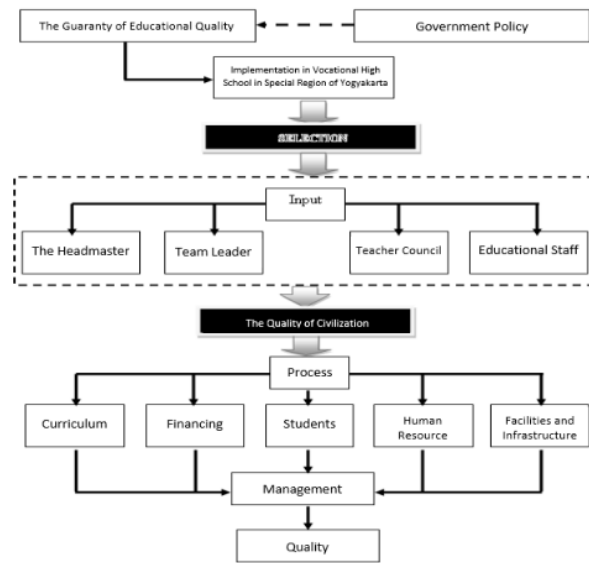
1. The first response collected by the researcher is about the relevancy toward the evaluation done. This relevancy become crucial since to avoid the wasted effort, such as the function, time and cost.
2. The next response is the agreement from the school toward the effort of evaluation in implementation of the educational system in vocational high school.

The response of vocational high school toward the evaluation toward the implementation of this educational system become one of the indicators that how consistent and how good of school in implementing the guaranty system of the quality at school.

Based on all of the data collected by the researcher in digging the implementation model of the guaranty of educational quality in vocational high school, in summary and clearly will be delivered related to the implementation model based on the research result, can be viewed as follow.

1. In implementation the guaranty of the educational quality in vocational high school is led by the headmaster directly.
2. The headmaster elects the team leader of the guaranty of the educational quality that has a responsibility toward the implementation of the quality guaranty.
3. The team leader of the quality guaranty in vocational high school has the authority to give coaching toward the teachers' council and educational staff in implementing the guaranty of educational quality.
4. The aspects becoming the attention and assessed which really encourage the implementation of the guaranty of educational quality is the curriculum aspect, funding aspect, teacher quality aspect in implement the guaranty of educational quality and management aspect toward the resource as well the facilities and infrastructure needed in the implementation of the guaranty of the educational quality in vocational high school.
5. Students aspect, means that in implementation of the guaranty of the educational quality really need the student's role. In this case students give a great role mainly as spearhead for vocational high school in bringing the reputation of school through various activities both in school level, region, province, national as well international.

For more understanding about the implementation model of the guaranty of the educational quality in vocational high school today, this follow, described the diagram model of the implementation of guaranty of the educational quality in vocational high school of Special Region of Yogyakarta.



Picture 1. model of the implementation of guaranty of the educational quality in vocational high school of Special Region of Yogyakarta now days.
Implementation Model Which Is Effective for Vocational High School in Special Region of Yogyakarta

To give a suggestion about the implementation model which is effective needs the strong basic, can use the research and literature analysis. In this research, the implementation model suggested based on the data obtained in the field. To discuss about the matter, at first the research will start with explaining the basic law which become a base of the guaranty of educational quality in Indonesia.

In the field, found that though the compliance of the implementation of the guaranty system of educational quality is begun by the government, by the other words it is forced, however tough the vocational high school is forced by the government at first, but during the process of implementation, the school feel a positive effect. It makes them realize that the guaranty system is really helpful the school in running their activity everyday as a school having the quality and all of the activities become directed to the achievement should be. The awareness toward how important of the implementation of guaranty system pushed by positive effect obtained by school. One of the obtain is students have improvement in their prestige both academic and nonacademic. In teacher domain, it pushes them to improve their professionalism since all of the activities is under the control of the guaranty system of educational quality applied at school.

Besides that, related to the result found about the response related to guaranty system of educational quality implemented in vocational high school have various result. First, at the beginning, the school having various confusion and it comes from the questions from the individual of the school community specially for the headmaster and the teacher related to the preparation that should be done, the cost which should be prepared and what result they can obtain. Those questions have gone since the answer is answered naturally after the implementation of the guaranty system of educational quality have been implemented. The school community, specially the headmaster and the teachers which are forced or not, having adaptation toward the guaranty system of educational quality is enforced at school. Moreover, whether they are realized or not, the result of the implementation brings to the better change from time to time.

Second, in general, the guaranty system of educational quality at school have been success forcing the teachers and headmaster to do the change. However, the fact is not all of the teacher give positive response toward the implementation of guaranty of educational quality in vocational high school. Some of them do not care at all toward the implementation of guaranty system of educational quality, therefore all of the activities done at school is still the same as the situation before the implementation of guaranty system of educational quality exist. Meanwhile, some teachers are really welcome and support the implementation of the guaranty system of educational quality in vocational high school.

Third, after several time from the beginning implementation of guaranty system of educational quality in vocational high school. The next, the other response are the community out of school, such as students' parents. In generally, the community give the positive response toward the implementation of the guaranty system of educational quality. Those positive response are marked by the improvement of community's belief to send their children to learn in vocational high school which has been applied the guaranty system of educational quality in school. This community response is a great asset for school since the support from the community in out of school is one of the supports of school change.

To give an explanation toward the result of the research, the research present first, related to the educational quality in order to the perception toward the quality of education isn't wrong.

The quality of the education is a quality focused on the education, is a quality or good or bad criteria of an educational system in the effort of the someone's or group's attitude change in the effort of making human mature in having close to the God through the effort of teaching guidance and training.

Through the explanation, it can be concluded that whatever the shape of the perception from school and out of school, it should be done based on the theory of the empirical data which should be. If there is a perception which is beyond the path it should be, the school, mainly the headmaster should be able to straighten the perception

Meanwhile, the research result show that at the first the headmaster assumes that the evaluation toward the implementation of the guaranty system of educational quality is a relevant effort to be conducted today. One of the basic reasons is **3** know that how far the validity of the implementation of the guaranty system of educational quality in vocational school specially in the area of Special Region of Yogyakarta.

Second, besides that **the** headmaster assumes **that the** evaluation toward the implementation of the guaranty system of educational quality cab be made as glass of Bengal toward all of efforts which have been done as long as the vocational high school implemented the guaranty system of educational quality. If the result of the evaluation state that the implementation of the guaranty system of educational quality is worthy to be continued or needed the correction, so it will be a recommendation needed by many sides specially for the headmaster of vocational high school.

Third, from all of the headmaster giving the response toward the evaluation on the implementation of the guaranty system of educational quality states agree that the effort of evaluation is worthy to be done, even it should be done continuously for the achievement of the condition of vocational high school which has quality in school domain and can accumulate, therefore the education in Indonesia as a whole have **th** **9** quality.

Based on the research result, it shows that every school needs **the** support from the out sider to do the evaluation toward the implementation of the guaranty system of educational quality in their school. It is an absolute thing that everything applied on the organization should be evaluate. It possible that the guaranty system of educational quality applied during this time have been not the better guaranty system of educational quality yet for school, since the real guaranty system of the quality is heterogenous including total quality management, quality assurance, quality control, Malcolm Baldrige national quality award, iso, dan six sigma.

The qualitative research result related to this matter mention that, first, as an indicator of successfulness of the implementation of the guaranty system of educational quality in vocational high school is how far the effectiveness which can be reach by each vocational school. In general, based on the perception and information from various interviewee can be conclude that the implementation of the guaranty system of educational quality in vocational high school in Special Region of Yogyakarta have run well. But to know the level of quantitively will be delivered on the chapter as follow.

Second, the other indicators which is able to be **5** an indicator of successfulness of the implementation of the guaranty system of educational quality in vocational high school is by the way we look **the** condition **of** the culture in vocational school which apply the guaranty system of educational quality. In plain of view and based on all information obtained by the researcher, show that the condition between among schools applying the guaranty system of educational quality have a balance culture condition, both the learning culture and discipline culture

Third, since now days is an openness era, so the guaranty system of the educational quality also encourages the related to the matter, so from the openness aspect, the vocational high school which open the access of the information widely to all of the school community, the school has had one of the characteristic as the school which has quality.

Fourth, besides the matter, there is another one important thing which is able to be as an indicator of successfulness in evaluating whether the implementation of the guaranty system of educational quality

is success or not can be noticed from the ways and the social impact have been done by the school related to the guaranty system of educational quality in vocational school.

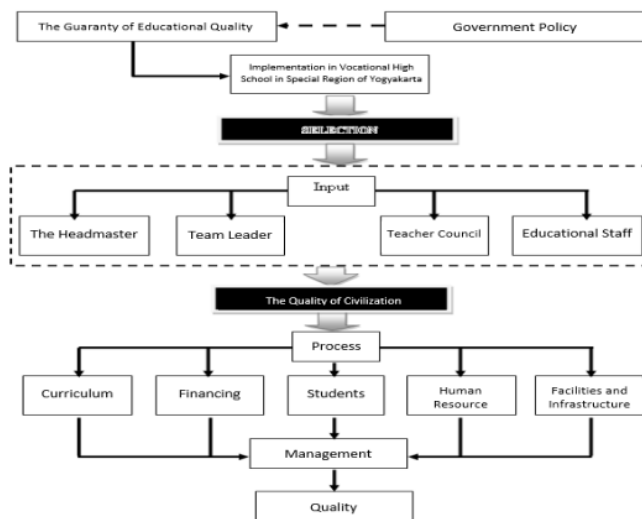
Meanwhile, the quantitative result show that the state school has no guarantee having the good quality or its quality of education which is better than others. This case is proven by the result of the analysis, the second and third rank is reached by the school having private status. Though for the first rank is still reach by the school having state status.

Based on the case, the things that become a reference that the school can be exist in now days and to be better than the others, cannot depends anymore to the status of state school or private, but it depends on the commitment of the school to develop better, and one of them is by improvement of the quality of the education in school through several ways, and one of them as follow.

1. Determining the standard which become a reference of educational unit. Determining the standard is crucial to determine the goal way of educational unit and help all of human resource implementing the principle of the quality management by spirit and right.
2. Fulfilling of the standard. Using the principle of quality management, all should move synergize to fulfill the standard determined.
3. Doing evaluation. After all of them try to fulfill the standard using the principle of quality management, the next should be evaluated to notice the level of successfulness.
4. Improvement. After done the evaluation, the next step is do the improvement in order to in implementation the principle of quality management become better from the previously. After doing the improvement, the next step is determining the new standard which challenge more and better.

The ways above, contextually have been implemented by vocational high school in Special Region of Yogyakarta, however, the researcher found the weakness from the implementation model of the guaranty of educational quality in vocational high school, such as: 1) the culture qual² of the teacher in implementing the guaranty of educational quality is still low. This is identified that the teacher of vocational high school in implementing the guaranty of educational quality is divided into three parts, such as, the teacher that is care, a half care and do not care at all, 2) the feedback is still low from the out sider which is a solution of every problem of educational quality in vocational high school of Special Region of Yogyakarta.

Based on the case, the researcher gives a contribution of thinking to make an implementation model of the guaranty of educational quality in vocational high school today become better which is by giving the pressure to the all of the human resources involved to have the quality of the culture.



Picture 2. The Implementation Model of The Guaranty of Educational Quality for Vocational High School in Special Region of Yogyakarta

From the diagram show that there is a novelty appear, there is a selection which should be done toward all of the human resource that will be played in the implementation of the guaranty of educational quality. This case is important to be done since there is no selection process for long time toward the human resource that will be played in the implementation of the guaranty of educational quality.

The second novelty is there is cultural quality which should be programming well and should be done by the leader of human resource. This case done in order to all of the human resource playing in the implementation of the guaranty of educational quality really have the quality of culture in their own self. Therefore, when implementing, it is done with high responsibility.

CONCLUSION

Based on the result and discussion, the research can be concluded as follow.

1. The implementation model of the guaranty of educational quality used in vocational high school of special Region of Yogyakarta now days including of input, proses, output, and outcome. The input including of a group of human resource that have a role in implementation such as the headmaster, team leader, teacher council, and educational staff. Proceed in doing the management toward the curriculum, funding management, students management, human resource management and facilities and infrastructure management. Meanwhile, the output is the competency has a good quality.
2. The implementation model of the guaranty of educational quality which should be used in vocational high school of Special Region of Yogyakarta today should be still used at this time, but when the human resource has been chosen to playing the role in implementation the guaranty of educational quality should be held the selection. After they are chosen, they should be given the training program which is able to make all of human resource have the quality of the culture.

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