

Documentary Film “Time Equals Knowledge” Using Expository Type

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ABSTRACT

Globalization is a process of world community order that can cause positive and negative impacts. The city of Batam is one of the cities in Indonesia that experienced the impact of globalization on youth, where the lifestyle of its people especially among young people experience change. Apart from the rapid technological developments and modern lifestyle, hanging out is one of the activities that can have negative impact for both themselves and the surrounding community. Some of the factors that cause young people to do that is the influence of friends and do not want to be obsolete, but now there are some young people who still do positive things such as creating a social community that educational, therefore made an information media in the form of a documentary about community of teachers in Batam City. This documentary contains information about a community of teachers who are young people who can use their spare time to provide knowledge and fun to children aged 4 - 15 years. This documentary film aims to change the mindset and behavior of young people in order to take advantage of time with positive activities. This film is expository type using data collection method. The methods include observation, interview and film design consisting of pre production, production and post production. The results of the study prove that documentary film Expository Type can be in the form of media that convey factual information through narratives and images, based on a total percentage of 83.32% that documentary types of Expository Type can function as a medium for delivering messages and factual information for the community, especially young people in the city of Batam.

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1. INTRODUCTION

Globalization is essentially something of an idea and ultimately must be followed by other nations, by passing a common point of agreement and making the idea as a common ground for other nations around the world. But the impact caused by globalization has two sides, positive and negative (Yudanegara, 2015). The negative influence caused by globalization itself has become the problem we face in this modern age. The many technologies and new things brought in this era of globalization lifts our youths to lose their identity as Indonesian teenagers (Pratama, 2014). Batam city is one of the cities in Indonesia which experienced the impact of globalization on young people.

According to the book "Provinsi Kepulauan Riau Dalam Angka" Batam City is a very strategic island and has a very interesting phenomenon to be packaged in a series of stories about the city's lifestyle, One of

Title of manuscript is short and clear, implies research results (First Author)

the phenomena that occurred in the community that is the lifestyle of young people who are not controlled along with the era of globalization that occurred. Lifestyle is the lifestyle of a person in the world expressed in his activities, interests and opinions. The lifestyles that live today have been different from the lifestyle of the ancient people, regardless of technology and fashion, hanging out who became a habit of filling free time, many young people today do not take their time well and even harm other communities, following an activity which has a negative and unfavorable impact (Herlyana, 2014). Currently there are still some young people who do positive activities such as creating a social community that is educating children with minimal education in a village called kampung kampih and pineapple (Arum, 2017). Therefore created an information media in the form of a documentary that inspires young people to do positive activities.

This documentary films a community of teachers called Lingkar Pendidik Indonesia. Lingkar Pendidik Indonesia is a community that conducts social activities in the field of education, where the activities in the form of learning and playing activities to get knowledge that they do not get in school. The Documentary film is titled "Time Equals Knowledge" by using expository types and analyzing facts and fiction in the Cognitive point of view in Time Equals Knowledge documentary. Time Equals Knowledge has the meaning that time is the same as science, where the time they give is the knowledge obtained by children who are taught by them. This type of documentary is a narrative that describes or explains a set of facts combined with images in the film (Sulaiman, 2016).

The making of this documentary uses data collection method which includes observation and design of film consisting of pre production, production and post production. Methods of data collection are observation and direct interview and questionnaire distribution. The process of designing this film consists of three stages of pre production which includes searching information about the educator community of Indonesian educator circle, scenario making and storyboard. The next stage of production includes the collection of video footage and audio. The final stage of post-production includes the editing process of combining video and audio and producing a documentary (Anita, 2012).

2. RESEARCH METHOD

The method used in this research is to perform data collection and design that consists of pre production, production, and post production.

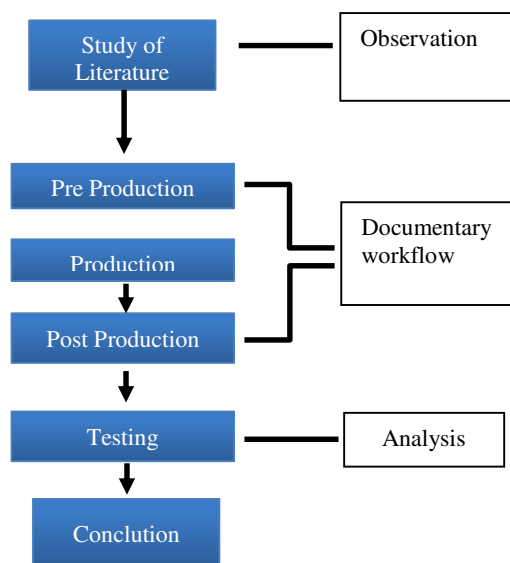


Figure 1. Stage of research

As for further explanations to any activities performed are as follows:

2.1 the study of Literature

At this stage the activities performed is seeking a reference about ideas and information about documentary film ekspositori as well as study the studies already outlined in the report

As for the idea that gained was made a documentary themed educational activities took up a teaching community at kampung tua nongsa (terih village and nanas village).

2.2 Pre Production

Kegiatan yang dilakukan pada tahap ini adalah pencarian informasi dengan melakukan observasi, riset lokasi, mengumpulkan pertanyaan-pertanyaan yang akan di sampaikan kepada narasumber, penulisan skenario dan storyboard setelah itu membuat daftar keperluan perlengkapan untuk proses produksi.

2.2.1 Observation

Observation is done by observing the lifestyle and association of young people today by way of visiting places or locations that became a place for young people today such as cafes, squares and other public places that attract the attention of young people. Then make observations or seek information on the Lingkar Pendidik Indonesia Community in Batam, ranging from interviews and visit the location of teaching conducted by the community. The locations that are visited are Nanas Village and Terih Village located in Nongsa area.

2.2.2 Scenarios

Activities undertaken at this stage are to create a scenario or storyline for the documentary film "Time Equals Knowledge" based on observations or research that has been done before. The storyline tells of a community of young people who do social activities by teaching to one of the existing place in the city of Batam.

2.2.3 Storyboard

Activities performed at this stage is to make a storyboard. Storyboard designed for this documentary consists of 3 scenes.

2.3 Production

Activities undertaken at this stage is the process of shooting. By collecting videos that match the scenarios that have been made and audio sources that will be used as a narration in the documentary.

2.3.1 Audio

The activities undertaken at this stage are determining the Audio to be used on the documentary to be made.

2.3.2 Music

Activities undertaken at this stage are determining the music to be used as a backsound or soundtrack of a documentary to be made. All music used is licensed to be free or unlawful.

2.3.3 Narration

Activities undertaken at this stage is to collect interviews from various sources and will be used as a narration in the film.

2.4 Post-Production

Activities undertaken at this stage are the editing process, all the results of the production process are collected and selected the best videos before going into the editing stage. where the data has been collected in the form of video and audio edited which will later become a work of documentary film. After going through the editing process, the movie will be reviewed if there are any shortcomings or errors in the movie. This process gets more attention because the process of work must be done in a specific and detailed considering the purpose of the analysis of this report is the information provided documentary film through the cognitive point of view.

2.5 Software needs

Software required is Adobe Premiere Pro CC 2018 which is an application to combine video and audio that have been selected in accordance with the storyboard. Selection of this application in because it has complete tools and very helpful in the process of editing the movie.

2.6 Testing

Then at this stage after testing of at least 30 respondents who are young children in the city of Batam. In general the minimum number of samples to obtain good results is 30. According to Roscoe cited by Hendry, a sample size of more than 30 and less than 500 is appropriate for a study (Suryani *et al*, 2015). Therefore, testing is conducted on at least 30 respondents. testing of respondents using pre-questionnaire and questionnaire, where the pre-questionnaire was made concerning the questions of how the initial understanding of respondents before watching the documentary film "Time Equals Knowledge".

2.6.1 Processing Techniques and Analysis

Obtaining data to be processed and analyzed using Likert Scale method. If the approval level in the questionnaire meets the requirements of the five gradations described by Likert and assigned weight as shown in the following table.

Tabel 1. Likert Scale Approval Level

No.	Questions	Weight
1	Sangat Setuju (SS)	5
2	Setuju (S)	4
3	Ragu-ragu (RR)	3
4	Tidak Setuju (TS)	2
5	Sangat Tidak Setuju (STS)	1

Based on the data that has been obtained, then to translate the results of Likert Scale is by analysis of intervals with the weight of statements or questions such as table 1. Total score Likert Scale is calculated by the formula as follows.

Total Score Formula

$$f = T \times s$$

Information
f: Total Score
T: Number of Respondents
s: Weight

After the total score is obtained, it is continued by finding the maximum score of Likert Scale with the following formula.

Maximum Score Formula

$$n = T \times y$$

Information
n: Maximum Score
T: Number of Respondents
y: Higher Weight

The maximum score of Likert will determine the index in percent by using the following formula.

Index Formula (%)

$$p = \frac{f}{n} \times 100\%$$

Information
p: Percentage
f: Total Score
n: Maximum Score
100: Fixed Numbers

The results of the index calculation will be evaluated with the final value and referred to the predetermined interval. The following is the Likert assessment interval (Kho, 2017). Calculation of the index can be seen in the table.

Tabel 2. likert rating interval

Index (%)	Result
80% - 100%	Sangat Setuju
60% - 79,99%	Setuju
40% - 59,99%	Ragu-Ragu
20% - 39,99%	Tidak Setuju
0% - 19,99%	Sangat Tidak Setuju

After obtaining the percentage of results, it can be seen that the message contained in the documentary "Time Equals Knowledge" whether the information can be received clearly and effectively or otherwise, then perform the analysis of observations on the elements of fact and fiction are seen through a series of images and sounds in the documentary "Time Equals Knowledge".

The interpretation of sensual experience is referred to as a truth disposition that shows the existence of factual and fictional elements in a documentary that refers to the cognitive process (Hasan & Raharsono, 2016).

3. RESULTS AND ANALYSIS

This stage is a stage that contains the description of the production process of the documentary film "Time Equals Knowledge" which includes the process of taking video teaching activities in the village and the village pineapple native, interviews of the founder of the Indonesian Educators Lingkar community, interview members and younger siblings from the LPI Community.

3.1 Shooting Video Activity

Production process is the stage where the video taking activities according to the storyboard and workflow that has been made. The collection of videos from members of the community prepares the items to be brought to the teaching location until the members arrive at the teaching location, then takes video of the teaching process from the Indonesian Educators Lingkar Pendamp community and the pineapple village, the production process is done for 2 months every Sunday.

3.1.1 Shooting Video Interview

Interviews are the main core in the Expository Type documentary film because this type of documentary uses interviews as narratives in the film, interview video capture from direct sources is done at the teaching location so that the atmosphere matches the theme and concept in the documentary.

3.2 Post-Production

This stage is the last stage of the process of making documentary film "Time Equals Knowledge", all video material that has been selected as the best video to be edited and combined with video sources and plus background music that match the storyline of the documentary film "Time Equals Knowledge" as a sweetener and mood drivers to make the film look more professional and acceptable to the public.

3.3 Testing

This test is the first test of the documentary film "Time Equals Knowledge" refers to the research variables of information provided by each resource in the documentary and given to the audience of adolescent youth-adults who are in the city of Batam. This stage is done by giving Pre-Questionnaire and Questionnaire to at least 30 respondents online which then the result will be calculated using Likert Scale so that the respondents can know about documentary film "Time Equals Knowledge".

Table 3. Respondent's Pre-Questionnaire Results

NO	Pre-Kuesioner	Keterangan Penilaian				
		Sangat Setuju	Setuju	Ragu - Ragu	Tidak Setuju	Sangat Tidak Setuju
1.	Film Dokumenter sebagai media yang menyajikan sebuah fakta kejadian.	11	19	10	-	-
2.	Komunitas dapat memberikan dampak positif pada masyarakat.	8	17	12	3	-
3.	Komunitas dapat memberikan nilai positif terhadap anak muda.	8	15	12	5	-
4.	Masih banyak yang belum mengetahui komunitas pengajar di kota batam.	5	24	11	-	-

Table 4. Respondent Questionnaire Results

NO	Kuesioner	Keterangan Penilaian				
		Sangat Setuju	Setuju	Ragu - Ragu	Tidak Setuju	Sangat Tidak Setuju
1.	Film dokumenter dapat membantu memberikan informasi yang jelas berdasarkan fakta.	10	26	-	-	-
2.	Komunitas dapat membantu masyarakat dalam segi pendidikan	11	24	1	-	-
3.	Komunitas memberikan kegiatan positif kepada anak muda	12	20	4	-	-
4.	Informasi terhadap adanya komunitas pengajar di kota batam masih sedikit	4	24	8	-	-

3.3.1 Processing Techniques and Analysis

The answers that have been obtained from the audience about Pre-Questionnaire and questionnaire are further translated using Likert Scale method. The final results obtained from the Pre-Questionnaire and Questionnaire tests will continue with final testing of facts and fiction in a cognitive point of view, observational analysis of facts and fiction elements viewed through a series of images and sounds in the documentary "Time Equals Knowledge".

Table 5. Pre-Kuesioner Result

No.	Pernyataan	Total Skor	Interpretasi (%)
1	Film Dokumenter sebagai media yang menyajikan sebuah fakta kejadian.	161	80,5%
2	Komunitas dapat memberikan dampak positif pada masyarakat.	150	75%
3	Komunitas dapat memberikan nilai positif terhadap anak muda.	146	73%
4	Masih banyak yang belum mengetahui komunitas pengajar di kota batam.	154	77%

Based on the percentage of each statement made to the respondent, it can be calculated the average value as follows.

Number of percentage of each statement / Number of Problems

$$305.5 / 4 = 76.37$$

In accordance with the Likert Scale assessment interval that the above values fall into the category of "Agreed" which means that the initial knowledge of the respondents in the Pre-Questionnaire has so far agreed that documentary can provide factual information, the community gives good value to the young and the good impact to the community, as well as information that the initial recognition of the community of teachers in the city of Batam not much.

Table 6. Kuesioner Result

No.	Pernyataan	Total Skor	Interpretasi (%)
1	Film Dokumenter sebagai media yang menyajikan sebuah fakta kejadian.	154	85,55%
2	Komunitas dapat memberikan dampak positif pada masyarakat.	154	85,55%
3	Komunitas dapat memberikan nilai positif terhadap anak muda.	152	84,44%
4	Masih banyak yang belum mengetahui komunitas pengajar di kota batam.	140	77,77%

Based on the percentage of each statement made to the respondent, it can be calculated the average value as follows.

Number of percentage of each statement / Number of Problems

$$333.31 / 4 = 83.32$$

In accordance with the Likert Scale assessment interval that the above value belongs to the category of "Strongly Agree" which means the information obtained after the respondent watching the documentary films increased, initially the respondents agreed and after watching the documentary respondents strongly agree that the documentary can provide information in the form of facts, communities give good value to young people and can provide education to the community, and respondents agree that information about the community of teachers in the city of Batam is still relatively small.

Fact and Fiction Analysis of the movie "Time Equals Knowledge"

After going through the tests through the Pre-Questionnaire and Questionnaire then proceed with the last test of observational analysis on facts and fiction elements seen through the series of sounds and pictures in the documentary film "Time Equals Knowledge". This stage to compare the suitability of information obtained by the audience when viewing the documentary and dissected in more detail to see the suitability of information between the narrative and the picture.

4. CONCLUSION

1. Based on the research that has been implemented, then got the conclusion that is: Based on the Likert Scale test of the effectiveness of the information conveyed through narration and the picture in the documentary, with respondents amounting to 36 people who have adult-age criteria aged 18-25 years, respondents strongly agree with the percentage of 85.55% that the documentary The type of expository becomes one of the appropriate media to convey information factual, because the use of interviews as a narrator and narrative plus video depicting events according to narration can help the audience receive information clearly and correctly, respondents strongly agree with the percentage of 85.55% that the community can give positive impact to the society especially in terms of education, respondents strongly agree with the percentage of 84.44% that the community can help young people to do more positive, the respondent agreed with percentage 77,77% that information about existence of teacher community in Batam City still little. It can be concluded that the Expository Type documentary film can serve as a medium of delivery of messages and information that is factual for the community especially young people in the city of Batam.
2. Based on the analysis that has been done by measuring fact and fiction in the cognitive point of view in the movie "Time Equals Knowledge" that cognitively, the facts and fiction elements in the documentary, especially the documentary of this Expository Type lies in the narrative relation with the image. In the observation of this type of documentary, the researcher assumes that the truth presented in this documentary is a form of faction (fact and fiction) in the Expository Type, using interviews as a narrative on this documentary to show truth and development of meaning.

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