

## THE PRODUCTION MANAGEMENT OF “THE WORTHY WORSHIP” FILM ABOUT SUSTAINABLE DEVELOPMENT GOALS USING STOPMOTION-TECHNIQUE

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### ABSTRACT

Film is a mass communication medium that can be used to convey messages in audio-visual form. Animation is a technique in film that combines moving images or objects that are made to appear moving. A combination of captivating stories, audio and visuals can support the success of conveying the message. The Worthy Worship is a short film awarded 2nd place in the LO Creative short video competition held by APTISI region VII East Java in 2022. The aim of this research is to find out how the production management of the short film The Worthy Worship uses unique and creative integration of stop motion and photography techniques. The process of making the short film The Worthy Worship goes through three stages, namely pre-production, production and post-production. The method employed in this research was a case study with a qualitative descriptive research approach. Data collection used observation, interview and documentation techniques. The results of this research showed that the production management of the film The Worthy Worship consisted of three stages, namely pre-production, production and post-production. This research can be used as a reference in short film production management using technical skills in photography, videography and cinematography. The integration of stop motion techniques and photography can be used as an alternative in producing animated short films with simple equipment.

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### Article history

Received : February, 21  
2024

Revised : March, 30 2024

Accepted : March, 31 2024

**Keywords:**  
**Production**  
**Management**  
**Short Film**  
**Stopmotion**  
**Photography**  
**Videography**

### 1. Introduction

The Sustainable Development Goals (TPB/SGDs) are a global and national commitment in an effort to improve society which includes 17 global goals and targets by 2030. These were declared by both developed and developing countries at the UN General Assembly held on September 2015 (*Sdgs Bappenas, 2023*). SDGs concept aims to embody sustainable living for all humans on this planet. Furthermore, the SDGs concept is designed to face the global challenge in social, economic, and environment.

Sustainable Development Goals (TPB/SGDs) reflect ambitious development goals with a transformative vision supported by 193 UN Member States (Amirya & Irianto, 2023). The scope of Sustainable Development Goals (TPB/SGDs) includes social, economic and environmental development. In detail, the 17 goals of the Sustainable Development Goals (TPB/SGDs) in question are as follows: (1) No Poverty; (2) Zero Hunger; (3) Good Healthy and Well-being; (4) Quality Education; (5) Gender Equality; (6) Clean Water and Sanitation; (7) Affordable and Clean Energy; (8) Decent Work and Economic Growth; (9) Industry, Innovation and Infrastructure; (10) Reduced Inequalities; (11) Sustainable Cities and Communities; (12) Responsible Consumption and Production; (13) Climate Action; (14) Life Below Water; (15) Life on Land; (16) Peace, Justice and Strong Institutions; (17) Partnerships for the Goals.

Seeing the importance of this, we need a media that can function as a means of socializing the importance of Sustainable Development Goals (TPB/SGDs) to the public as a medium of information and education. So, through this media, people can know, understand, and can implement it in their daily lives so as to bring change in a better direction in accordance with the objectives of the SGDs.

Determining goals and targets in Sustainable Development or Sustainable Development Goals (TPB/SGDs) has a comprehensive relationship between pillars, namely the social, economic, environmental and legal pillars of governance (Amirya & Irianto, 2023). One of the Sustainable Development Goals (TPB/SGDs) is about Responsible Consumption and Production. These goals are listed in the 17 list of Sustainable Development Goals (TPB/SGDs) at number 12 which is included in the environmental pillar.

The problem that is often encountered in relation to SDGs number 12 is irresponsible excessive consumption. Excessive consumerism is closely related to waste production. Meanwhile, reducing waste production, including food loss management, is listed in SDGs number 12 targets (Hales & Birdthistle, 2023). Excessive consumption without paying attention to needs can have an impact on the environment. On the other hand, waste production is a direct result of excessive consumption. The emergence of problems regarding the accumulation of rubbish became the idea for creating the audio visual work *The Worthy Worship*. This work was created as a medium for information and education to the public as a message about the importance of responsible consumption in the form of audio visual products.

Quoted from Reichenbach, management is the process of organizing something by a group of people or organizations to achieve goals by working together to utilize the resources they have (Ananda et al., 2023). Film is a big project involving a group of people with different specialties and expertise. Regarding management, the management of a film starts from pre-production, production and post-production (Nurul Shadrina et al., 2023). Each process is managed and executed by specific units of people based on their expertise. Hence, elaborate management is necessary for the whole process of a film.

Film is a mass communication medium that can be used to convey messages through audio-visual symbols. According to Sumarno, films have a broad scope so that they become a forum for freedom of expression in the process of conveying messages to the public (Tahir & Medita, 2023). This idea defines that film is not only a motion picture but also a cultural product manifesting certain values of society. Film embodies the notions, values, or messages of the filmmaker. These are built in the early step of filmmaking, the pre-production process. In the pre-production process, the filmmaker needs to brainstorm the idea that creates the narration of the film. Narration bridges the messages and information in a film and the audience. In other words, narration is a medium to communicate the messages and information represented in a film.

Communication is the process of conveying information through the use of symbols such as words, pictures, numbers and so on. According to J.A Devito, communication is an action by one or more people who send and receive messages that are distorted by disturbances that occur in a certain context, have influence and there is an opportunity to

provide feedback. Hovland, Jains and Kelley define communication as a process of conveying stimuli (usually in the form of words) by someone (the communicator) with the aim of shaping the behavior of other people (the audience) (Pohan & Fitria, 2021). Through films, a message or information can be conveyed to the wider community or audience.

The Worthy Worship is a short film produced by students of the Indonusa Surakarta Polytechnic, a collaboration between the Mass Communication Study Program which is currently transforming into the Applied Media Production Undergraduate Study Program and students from the Hospitality Study Program. This film raises a theme about one of the points in SGDs, namely the importance of responsible consumption. The film The Worthy Worship won 2nd place in the national competition in the short video category organized by Aptisi region VII at the 2022 LO Creative event.

The film The Worthy Worship was produced using stop motion techniques. Stop motion is a traditional animation that uses photography techniques to capture an object. Stop motion is usually taken with a camera and tripod and then put together in an editing application (Findayah et al., 2022).

The stop motion technique is ancient and simple. Stop motion animation or claymotion is a type of animation that uses clay as a moving object. This type of animation is a combination of photography and motion elements. This technique is an alternative for people who cannot draw, but understand the principles of animation using stop motion techniques because it only requires photographing objects sequentially and regularly (Nurcahyo, 2019)

According to Supriyadi, using the stop motion technique has the following advantages: (1) it doesn't use a lot of images; (2) does not require difficult equipment; (3) creativity in making object designs and developing animations (Sandi, 2019).

Based on the explanation above, it is interesting to carry out research is how is the management in the production of the film The Worthy Worship using stop motion techniques? The aim of this research is to provide a reference on the management and production flow of simple animated films using stop motion, involving basic photography and cinematography techniques.

## 2. Method

This research examines the production management of the short film The Worthy Worship. This type of research is case study research using qualitative descriptive research methods. A qualitative descriptive approach was used to answer the problem formulation regarding how the production management of the short film The Worthy Worship uses stop motion techniques in its production.

According to Yin, case studies are real efforts that examine contemporary phenomena or cases in real life contexts, especially when the boundaries between phenomenon and context may be unclear (Nurul Shadrina et al., 2023). Case study research employs several techniques to analyze data including documentary analysis. The term "documentary" is not limited to "textual" products only. Storey points out that documentary refers to texts or signifying practices which encompass manuscripts, audio or visual records, music, performances, comics, and so on (Priya, 2021). Film is a visual record product that can be analyzed deeply through the context contained in its narration.

According to Sugiyono, the function of qualitative research is to find something new and new findings in the form of descriptive descriptions and conditions, categorization or classification of a situation (comparative) and the relationship in each category with each other (constructive) so that qualitative research does not carry out measurements in finding something new and the research is exploratory (Dewi & Fathoni, 2023).

The data collection method used in this case study research was observation, interviews and documentation. These three things are done carefully and carefully. This was

done to better understand how the production of the film *The Worthy Worship* was managed from a technical aspect and also team management.

First, researchers carry out participant observation by participating in activities carried out by the individuals or groups they study. Given stated that researchers followed the actual workflow. Researchers can record all parts of the production process at different levels: decision-making processes, conflicts, negotiations and compromises (Ananda et al., 2023).

Second, researchers conducted interviews to collect data. According to Moleong, an interview is a conversation with a specific purpose. The conversation is carried out by two parties, namely the interviewer who asks questions, and the interviewee who provides answers to the questions asked (Moleong, 2017). The sources interviewed in this research were the script writer, artistic team, producer and editor.

Third, researchers collect data through documentation activities. Quoted from Fandini, documents can be human writings, photos or monumental works (Ananda et al., 2023). Arifianto explained that documentation techniques explore research data based on written documents. The documents selected are those that have relevance to the case study being researched (Arifianto, 2018).

The data that has been collected is then processed using data analysis. This is done carefully with the existing data. After the case is closed, the researcher discusses the findings and provides information and recommendations.

### 3. Results and Discussion

The film *The Worthy Worship* won 2nd place in the Aptisi VII LO Creative competition in 2022 in the short video category. This competition requires the non-fiction category so it needs the narrative touch for the video. Short videos or films must contain fictional narration instead of non-fictional ones like in a documentary video. There is a story portrayed in that short video. This competition brings the big topic of Sustainable Development Goals. Film is one of the interesting mediums to promote this campaign since the film can reach global audiences. Besides, film is a popular culture that is enjoyed by most people in this world. Sustainable Development Goals representation in a movie is not a new thing. The film "Aquaman" is an example of how film successfully becomes a campaign medium for international environmental awareness. Although Aquaman is a fictional and commercial film, it depicts the great message of global environmental issues. (Andina Mustika Ayu & Karlinda Dewi Anggraini, 2023) Using popular culture like film is beneficial and effective in promoting the urgency of the Sustainable Development Goals campaign since popular film can reach more audiences.

Considering the benefits of film as an effective medium for the SDGs campaign, it is necessary for filmmakers to produce more films about the SDGs. One of the efforts is UNPAR Movie Award 2019. This agenda is a community service initiated by Parahyangan Catholic University. The idea comes from the issue of Citarum River which has become one of the dirtiest rivers in the world. This award gives a space for filmmakers to participate in educating society about the urgency of environmental awareness in Indonesia. (Manurung et al., 2019) emphasize that in this digitalization era, film is a language and communication medium. Film enables society to effectively consume information conveyed in it. People can't deny that audio-visual communication currently has a strong impact on human behavior.

The *Worthy Worship* basically tells about the food chain symbolically depicted by the life of two kingdoms: Plantae Kingdom & Animalia Kingdom. Both Kingdom names derive from the taxonomy rank system in biological nomenclature. The Plantae Kingdom represents plants & fruit as suppliers of food or needs for the Animalia Kingdom (consisting of humans & animals) which we call sacrifice. Initially, sacrifices were normal & ideal where only ripe fruit could be sacrificed for consumption. However, recently human consumption patterns have

changed, humans have become greedy in consuming, resulting in a lot of waste & leftover food being wasted. Then, the king of Plantae Kingdom sent a petition to the queen of Animalia Kingdom asking the people in her kingdom to change their consumption patterns. The Queen gave orders to the people of Animalia regarding the petition and sacrificial activities returned to normal. In this story there is also a main character, namely Curby (pumpkin). When he was sacrificed (to coincide with Halloween celebrations), his sacrifice did not end in vain or "worthy". Pumpkin shells can be used as Halloween decorations, the flesh can be used to make pumpkin pie, also be and the seeds can be replanted to grow new pumpkins.



**Figure 1. Time Table Production**

The process of making the short film *The Worthy Worship* took approximately one month, from 17 September to 27 October 2022. The process of making the film *The Worthy Worship* uses production management starting from pre-production, production and post-production.

**Table 1. Production Schedule**

Date (2022)	Activity
17 September	Brain storming about concept, ideas and Scripts
18 – 26 September	Consolidation of story ideas and Scripts
27 September	Team briefing
28 September – 5 October	Collecting material production and property
6 October	Set up studio
7 October	Shooting (part I)
8 – 9 October	National Holiday
10 Oktober	Shooting (part II)
11 – 14 October	File organizing
17 – 20 October	Recording
21 – 27 October	Video Editing
27 October	Publication

Source: *The Worthy Worship* Documentation

The first is the pre-production stage. Pre-production is the preparation or planning stage for filmmaking, to reduce errors and minimize lack of coordination between personnel on duty to carry out their respective duties (Nurul Shadrina et al., 2023). At this stage, the concept and idea of the story are formed. The concepts and story ideas are then used as the basis for making the film script.

### Developing Script Fundamentals

Preparing a script is fundamental in a short film since the script is a manifestation of the story itself. Story is the heart of the film. Before the writer technically writes the script, determining the script elements is pivotal. Harris in (Earnshaw, 2014) mentions several elements that should be developed including ideas, plot, character, dialogue, scene, and sequences. Ideas embody the writer's background, motive, or purpose of creating the narration. The Worthy Worship basically promotes the Sustainable Development Goals campaign, particularly Goal 12 "Responsible Consumption". This message is symbolically represented by the cycle of life chain cycle. The life chain cycle is the inspiration of the plot itself. The plot is adjusted to its cycle.

To make it captivating, the writer combines arts and the biological sciences depicted in the characters. In a film, character is categorized into two: protagonist and antagonist. The narration portrays Plantae Kingdom and its members (plants family) as the protagonist characters while Animalia Kingdom includes humans and animals as the antagonists. According to the plot, Plantae Kingdom supplies its members, later it is said as "sacrifice", for Animalia Kingdom consumption. Animalia Kingdom members emerge as the antagonist characters due to their irresponsible consumption behavior which remains a conflict in the chain cycle. The conflict arises when Animalia Kingdom members become greedier than usual in consuming supplies from the Plantae Kingdom. This irresponsible behavior causes food waste. Humans play an important role in overcoming this chaos. Human as the highest rank in the life chain cycle is represented by the Queen as the highest position in the kingdom. Queen has the authority to take control of the society so she sends the petition to her kingdom to end this conflict.

### Writing Script

Unlike novels or short stories, film script has particular elements and writing techniques. Film script contains setting (time and place), action, scene explanation, and dialogue. O'Neill in (Earnshaw, 2014) states that every script (or screenplay) starts with capitalized words "FADE IN" and ends with "FADE OUT". Both terms are found in The Worthy Worship script.

**FADE IN:**

**INT. STUDIO - NIGHT**

A storytelling book is opened by mysterious hands then shows Pineapple and Pumpkin. ANNE, or Ananas Comosus, is a young and cheerful pineapple from Fruity Family. CURBY, or Cucurbita, is a young and wise pumpkin from Squash Family.

**NARRATOR**

Once upon a time, there lived two best friends named Ananas Comosus and Cucurbita. They grew together in a countryside under the reign of Plantae Kingdom. The people belonged to various families. They worked every day to serve the other Kingdom: Animalia. There was a ritual of sacrificing themselves for the need of Animalia Kingdom. If they were mature enough, they must be ready for the main ritual: worship!

Someone eats normally.

**Figure 2. Words “FADE IN” in The Beginning of The Script**

**Figure 3. Words “FADE OUT” in The End of The Script**

(Pajkovic, n.d.) adds that film script should follow three-act structure. This method constructs a coherent and captivating narration. Three-act structure consists of Act One (Set-up), Act Two (Confrontation), and Act Three (Resolution). Set-up is an introduction of the

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**EXT. BACKYARD - DAY** character

Someone makes Jack-o'-lanterns. She plants the pumpkin seeds and waters it. Then she eats the pumpkin pie happily.

**NARRATOR**

People of Animalia Kingdom began to make Jack-o-lanterns for decoration. They cut out the sections of pumpkin to make holes which depicted a cheerful face. Then they made pumpkin pie from its puree and planted its seeds to grow new Cucurbita. Central conflict

**INT. STUDIO - DAY**

Anne approaches the smiling Jack-o-lanterns.

**ANNE**

I know you won't end up useless, Curby. What a worthy worship.

**FADE OUT.** ←

THE END

character and the setting. In this part, the scriptwriter mentions the setting of place and time and the character's name, commonly the protagonists. Furthermore, the scriptwriter also begins to mention the general conflict. In the beginning of The Worthy Worship script, the scriptwriter introduces the “Anne” and “Curby” as the protagonists (characters), setting, and the worship habit as the central conflict.

**Figure 4. Act One (Set-up) Placement**

Act Two or Confrontation tells how the characters deal with their conflict, problem, or challenge. In this part, the plot gets more intense and complex. The confrontation part in The Worthy Worship script is seen in the dialogue between the main characters, Curby and Anne. The dialogue tells that Curby and Anne undergo the irresponsible behavior of Animalia Kingdom members as they become greedier and ignore the worship rule. This conflict remains a chaotic situation among Plantae Kingdom members.

**CURBY**

Indeed. They become greedier and greedier. They ignore our worship rules.

**ANNE**

I have no idea why they carelessly pick us. Don't they notice the trashes around? Are they visually challenged?

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W: [http://spektrum.stikosz](http://spektrum.stikosz.ws.ac.id) **CURBY** ws.ac.id

I hope they also think of our feeling. To be honest, I feel useless if they treat us like this. I want to be useful if my turn comes.

### Figure 5. Act Two (Confrontation) Part in The Worthy Worship Script

Act Three or Resolution stage consists of climax and end or closure. In this part, the main conflict or problem is resolved through climatic confrontation. Following it, the writer finishes the script with an ending or closure. In The Worthy Worship script, the confrontation is seen through the scene when the character “QUEEN”, as the highest position, makes a petition to stop irresponsible behavior. The ending presents the controllable situation in both Kingdoms after the Queen’s petition.

**NARRATOR**

As the Queen’s order, the situation in both kingdoms were controllable. And this was Curby’s turn to be sacrificed. However, he felt relief as he wouldn’t be useless for this worship. It was Halloween’s Day when he was being sacrificed.

Smiling Jack-o-lanterns approaches.

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**EXT. BACKYARD - DAY**

Someone makes Jack-o’-lanterns. She plants the pumpkin seeds and waters it. Then she eats the pumpkin pie happily.

### Figure 6. Act Three (Resolution) Part in The Worthy Worship Script

The next fundamental element of script is setting which is divided into two: time and place. Time and place settings are explained in the script. Both are used to describe when and where the action occurs. The setting of place consists of two types: exterior and interior. Exterior explains that the action occurs outdoors and is shortened as “EXT” in the script. The abbreviation “EXT” is followed by the specific place. Meanwhile, setting of time should be included in the script. Setting of time consists of two types: day and night. Day refers to the action that occurs during the day while night refers to the action that occurs during the night. The words “DAY” and “NIGHT” are written after the setting of place in capital letters.

**EXT. BACKYARD - DAY**

Someone makes Jack-o’-lanterns. She plants the pumpkin seeds and waters it. Then she eats the pumpkin pie happily.

**NARRATOR**

People of Animalia Kingdom began to make Jack-o-lanterns for decoration. They cut out the sections of pumpkin to make holes which depicted a cheerful face. Then they made pumpkin pie from its puree and planted its seeds to grow new Cucurbita.

### Figure 7. The Explanation of Setting Time and Place in Script

This is one of the explanations of setting (both time and place) in The Worthy Worship script. Below the setting of time and place, it puts the action description. This scene explains that someone is doing several activities during the day and those actions are conducted outdoors, specifically in the backyard.

Another fundamental element of film script is the character. The main characters always appear in the script, either as protagonists or antagonists. Character name is mentioned between the action explanation and the dialogue. It is written in the capital letters. The Worthy Worship features “Curby” and “Anne” as the main characters, particularly the protagonists.

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Curby approaches Anne and both start talking.

**CURBY**

*(Curious)*  
Hey, Ann! What's up? You looked gloomy today.

**ANNE**

*(Unenthusiastic)*  
Hey, Curby. I feel sad about this chaos. Humans are so mean lately.

### Figure 8. The Main Characters

Besides character, dialogue is also crucial in film script. Dialogue is written below the character's name. It indicates that this statement is spoken by the character's name. The above figure shows the pieces of dialogue in The Worthy Worship script. The dialogue lines are placed parallel to each other. In some cases, the writer adds expression or emotion above the dialogue lines. This is commonly written in brackets. The expression and emotion emphasize the detailed information about the dialogue and make it easier for the actors to perceive the dialogue. Speaking of the dialogue, language characteristic matters starting from the language selection. The dialogue, as well as the whole script, is written in English. The consideration of language selection basically comes from the writer's background. Since The Worthy Worship's scriptwriter has English expertise background, the script is written in English. Furthermore, the story brings the Sustainable Development Goals theme which becomes a current global campaign. By using English, the message can reach global audiences.

### Team Management

Communication is one of the most important aspects of team management and film production. Apart from that, communication is also important in every aspect of life and business. Communication is the process of exchanging or conveying a message or information from one individual to another individual through certain media so that the message in question can be understood. So, by applying good communication in film production team management, the team can work more efficiently, overcome challenges better, and can achieve better results overall.

According to Astrid, communication is the activity of passing symbols that contain meaning/significance that needs to be mutually understood by the parties involved in the communication activity (Pohan & Fitria, 2021). Neni Yulianitas defines communication as a continuous and dynamic process of sharing meaning between communication actors through verbal and non-verbal symbols, media or not, where each party can influence each other reciprocally. Meanwhile, according to Cangara, communication is a transaction, a symbolic process that requires people to regulate their environment: 1) by building relationships

between people, 2) through exchanging information, 3) to strengthen the attitudes and behavior of other people, 4) and trying to change attitudes. and behavior (Hariyanto, 2021).

In group communication, communication occurs between the speaker and a group of people. In this group communication, individuals get to know each other and realize that they are part of a group. This recognition causes each individual to strive to achieve mutually agreed goals. Based on group goals such as information sharing and problem solving, individuals develop unique characteristics to fulfill their roles in the group (Jamil & Anne Maryani, 2023).

Several individuals who are members of the team in film production have a very close relationship. They are social entities consisting of individuals who work together to achieve a certain goal. The objectives in this case are specific to the context of film production. They have the same goals to achieve. Interaction and collaboration between individuals is very important. Each member contributes with their skills and expertise. Good collaboration between members can improve production quality and efficiency.

A team is a group of people who have the same goal. The importance of teamwork is based on several factors, including: the thinking of two or more people is better than the thinking of one person, that what is created by a team is better than what is created by an individual, and that the organization can get members who support each other. through teamwork and communication becomes better with teamwork (Rahmawati & Supriyanto, 2020). In film production activities, a team is very important. This is because films that are successfully produced are the result of collaboration between many different individuals.

In a film production, team members or production crew have a very important role. Therefore, it is important to determine who is involved in the film production process. The selection of several people who will join the production team is based on certain considerations. The main thing that is taken into consideration is the specific abilities and skills that a person has that are needed in the production crew for the film "The Worthy Worship".

The film "The Worthy Worship" was produced by students from the Media Production study program in collaboration with students from the Hospitality study program. In making a film, a thought process and technical process are needed. Film production is a team effort with the same goal, namely creating a visual masterpiece. There are several work colleagues involved in a film production, namely producers, directors, cameramen, artistic directors, and logistics staff. Each area is supported by personnel who are responsible for their respective tasks and provide technical support to production. The director plays an important role in the production team during the film production (Fernanda & Ria, 2024).

In the production of the film "The Worthy Worship", Fauzan Niam had an important role as producer and director. The Script Writer in charge of writing the script is Kinanthi. Not only that, Kinanthi also plays the role of queen in the film. There were two dubbers involved, namely Adimas and Edynna. Rahmad Fitroh served as editor. Tri Novanda Wijaya served as graphic designer. Meanwhile, the artistic team involved more people, namely Maharani, Adimas, Meyla Belva, Dea, Tri Novanda Wijaya and Kinanthi. Team members in the production of the film "The Worthy Worship" do not only have one task, but there are several people who have concurrent tasks. This is done for efficiency in production costs.

According to Rea, Film production consists of five stages, namely development, pre-production, production, postproduction, and distribution (Utami & Arifianto, 2019). The development stage is the initial stage where the idea for the film is developed into a more concrete concept. In the context of a production team, the development stage involves several important things. The scriptwriting team plays a key role in this stage. The script has been created and then discussed together with all team members to equate the concepts related to

the story that will be produced into a film. This stage is also used by all team members to coordinate and develop strategies for the film to be produced.

Collaboration and communication between production team members is essential to developing an idea into a complete project that can be executed. Everyone involved in the production of the film "The Worthy Worship" has an important role. Each team member involved must ensure that the initial concept developed will become a successful film project. What is done is that each team member carries out their functions and duties well in accordance with the directions given.

## Pre-Production, Production, Post-Production

### Pre-Production

The initial stage in making a film is the pre-production stage. This stage is an important stage in making production work, because without careful planning will not produce a good film. According to Wibowo, the production stage consists of three stages called standard operation procedures (SOP) which include pre-production, production and post-production (Wibisono, 2023). All ideas and material concepts, equipment plans that will be used in the production stage must be completed in this stage.

After the script is complete and final, a briefing and script review is carried out together with the production team that has been previously formed. At this moment, story presentations, question and answer discussions and listening forums were held to receive input. The aim is to equalize the perception of all crew involved in the production of the film The Worthy Worship. Not only about story concepts and ideas, at this stage, production needs and property materials are also discussed together. All required tools and property are included in the list to ensure their availability by the team.



**Figure 9. Preparation of Assets at the Pre-production Stage**

At this pre-production stage, it is necessary to deepen the characters that will appear in the film. This understanding is done by reading the story script, studying the story script, and discussing with the crew regarding the characterization in the story. After that, the story script is divided into several segments. From the segment division, property assets are then determined that describe and represent the story idea in each segment. Includes complete characters and their expressions.

Research related to expression was carried out by collecting data in online media. The visual images used to represent expressions are eyebrows, eyes and mouth. The combination of these three things is used as an aspect to represent the expression of the main characters in this film, namely Curby and Ananas (Anne). The expressions shown by the characters in this film are expressions of joy, amazement, surprise and sadness.

Not only expressions, visual images in the form of character shapes and other supporting elements were also collected. Supporting characters include images of real

animals and fruit. Characters from Kingdom Animalia include monkeys, rabbits, chickens and squirrels. The characters of Kingdom Plantae are represented by fruits consisting of mangosteen, pears, grapes, tomatoes and mangoes. The main characters in this film are Curby and Ananas, represented by pumpkins and pineapples. Meanwhile, other visual images collected were elements that represent locations, such as images of kingdoms, trees and grass.

The images that have been collected are then printed on linen paper. Linen paper was chosen because it has stiff characteristics. So the paper is suitable to be used as material for making dioramas. After that, cut it according to the character and shape needed.

After all supporting assets have been collected, settings are then carried out to prepare for production. Settings include diorama set up, background, camera preparation, tripod and lighting. The cloth used as the background and base uses black cloth to clarify the object. All of these activities were carried out in the Poin TV laboratory.

## **Production**

The second stage in the film making process is the production stage. Production is the stage of developing a film design in the form of story ideas, synopsis, storyline, and storyboards that have been created (Nurul Shadrina et al., 2023). At this stage all the necessary tools and property are available. Before carrying out production, the team does setting and blocking. The equipment used for production is Canon 1500D, Canon 3000D, wide lens, tripod, monopod, lighting (key light, fill light, and backlight). Besides the technical equipment, the production team pays attention to mise-en-scene elements. Mise-en-scene derives from French which means putting in the scene. Pramaggiore & Wallis points out that mise-en-scene consists of four elements: setting, make-up & wardrobe, lighting, and actor's movement. Mise-en-scene creates dramatic nuance and mood so the film doesn't sound flat. Lighting is divided into four basics: quality, direction, color, and lighting source. Those build certain moods and create dramatic situations (Taufikurrahman et al., 2021). In other words, mise-en-scene is the soul of the film.

Lighting is very important in the film production process. Lighting can affect the overall quality of the resulting image, including detail, color and contrast. Lighting can be used to highlight certain objects or characters in a scene. The main function of lighting is to provide additional light to the image object so that it looks brighter or clearer. Lighting also plays a role in optimizing the light entering the camera and to form the atmosphere or ambience of the recorded image (Ratu Viona Geraldine, Dr. Dewi K. Soedarsono, 2020).

The right lighting can help create an atmosphere that suits the mood and feel desired in a particular scene. Josef von Sternberg stated that the correct use of light can beautify and dramatize every object. Light and dark in a film can strengthen the nuances created by distinguishing between objects and background (Linando et al., 2022). Soft and dim lighting can create a romantic or sentimental atmosphere. Meanwhile, harsh and contrasting lighting can create a tense or dramatic atmosphere.

The production process for the film "The Worthy Worship" uses the Three point lighting technique. Three point lighting is a basic principle used to understand the position or placement of light, direction of light, and intensity of light when producing a film (Puriartha, 2016). Three-point lighting is a fundamental lighting technique commonly used in photography, cinematography, and video production.

Three point of lighting is composed of three lights consisting of key light, fill-in light and backlight (Sari & Kristiadi, 2022). Three-point lighting involves positioning three primary light sources around the subject to provide illumination from different angles, creating depth, dimension, and contrast. Each lamp in the three point lighting combination has its own function and purpose.

The key light is the main light source and usually the brightest of the three. It provides the main light of the subject and sets the general light direction and mood of the scene. It is usually placed to one side of the subject, slightly at eye level and at an angle. The key light in the production of the film "The Worthy Worship" uses IP66 LED lights.

The fill light is placed against the key light and helps to reduce the shadows caused by the key light. It is generally softer and less intense than the key light, providing a more balanced light, filling the shadows without creating strong contrasts. The fill light is often placed at a lower intensity and at a smaller angle than the key light. According to Andrew Utterback, the fill light is placed 45 degrees up, out, and to the right of the talent position. On the other hand, Herbert Zettl said that back light is illumination from behind the subject and opposite the camera (Hakim, 2019).

The backlight is placed behind the subject and separates the subject from the background, creating a subtle halo or ring of light around the edges of the subject. This adds depth and dimension to the scene, making the subject stand out and preventing it from blending into the background. The backlight is usually placed above and behind the object, opposite the key light. In the production of the film "The Worthy Worship", the backlight lamp was placed between the diorama table and the black backdrop on the bottom side.

According to Himawan Pratista, in general the lighting in a film can be categorized into four elements, namely lighting quality, lighting direction, light source and light color (Irmada Aisyah & Ismail, 2022). The color of light plays a very important role in film production. The color of light can provide a variety of visual and emotional effects that influence how the viewer perceives and understands a particular scene. In the production of this film, red, yellow and blue mica plastic was used as a filter for the backlight lamp to produce the desired light color effect.

When carrying out production, everything related to scheduling needs to be considered (Karyadi & Pradhono, 2021). This shooting activity was carried out for 2 (two) days. Meanwhile, recording was carried out according to the planned film script. Recording was carried out to provide sound for the dialogue and narration of the film The Worthy Worship. A total of 2 (two) voice actors were involved in the production of this film. The sound recording process was carried out using an iPhone.



**Figure 10.**

**Production Activity**

### **Post-Production**

The third stage is post-production. At this stage, an editing process is carried out on the results of production activities that have been carried out previously. This editing process was carried out using Adobe Premier Pro software. Adobe Premier Pro software is used because it has an interface that is easy to understand, every feature option is clearly arranged, and is quite easy to use. According to Iswara, in post-production there are several

activities, namely image editing, providing audio, special effects and color (Nurul Shadrina et al., 2023).

In the post-production stage, the camera person is responsible for selecting the recorded video to make the editor's work easier (Haykal & Dianta, 2023). The cameraman has the responsibility to transfer all recorded footage from the camera to the editing or post-production stage. The cameraman at the post-production stage collaborates with the editor to provide insight into the footage that has been recorded, such as technical details or the artistic vision to be conveyed. Cameramen help organize and arrange footage based on scenes, shots, or other criteria to make editing easier.



**Figure 11. Post-Production Process**

The editor is responsible for compiling the recorded footage into a coherent and interesting storyline. This involves choosing the best shot, arranging the sequence of scenes, and setting the right timing. In this process, the editor of *The Worthy Worship* combines images with the addition of dubber sound, audio, transitions, subtitle text, and other graphic aspects to create a complete film work. The results of all the stages that have been carried out are shown in Figure 11 above. After the editing process is carried out which includes composing images, adding sound and voice over, adding transitions, and adding subtitles, before the export process is carried out, a double check is carried out to ensure the suitability of the film with the initial script.

The story idea in the film *The Worthy Worship* is taken from issues close to everyday life at the Responsible Consumption point of the SDGs. To make it more interesting, the film is packaged in the form of a narrative or story so that the creative point is conveyed. The idea for this story was created to coincide with Halloween. The interesting thing about Halloween celebrations is the Jack-O-Lantern pumpkin. In terms of benefits, yellow pumpkin can be used by humans, such as its function as a decoration and as the main ingredient in pumpkin pie. This concept implies that basically humans can make the best use of food resources in terms of consumption or responsible consumption.

The actors in this story are humans, fruits, and animals. All of these actors are actors in the food or life chain cycle. Each actor is presented in the narrative. Then, the Queen is depicted as a human in the film. The queen is the highest leader or ruler where humans are also the most powerful creatures on earth. The figure of the queen is used in this film to raise the issue of equality, especially women's empowerment, where women also have the capability to be wise leaders. This was explained directly by the scriptwriter of *The Worthy Worship*.

English is used in the dialogue and narration in this film because the target audience is the global community. Apart from that, the Halloween theme raised has global relevance. Interviews conducted with sources stated that English was used in this film so that the message conveyed was inspiring for domestic and foreign people.

Previous research conducted by Supriyadi showed that assets made in the form of puppets were needed in making the stop motion animated film “Pangeran Diponegoro” (Sandi, 2019). Meanwhile, the production of the film *The Worthy Worship* uses fruit as the main object and characters and expressions from linen paper and samson paper as production assets.

Acting is basically the activity of telling or interpreting a story through expression. Expressions are not only shown through facial expressions but also body gestures (physical expressions), voice expressions, and intonation. In this video, the acting aspect is expressed in the voice of the dubber when Curby (pumpkin) & Anne (pineapple) converse. Apart from that, acting can also be seen from the facial expressions of the fruit. The character of these objects is brought to life through the creation of expressive images attached to the fruit. This is done so that it seems as if the character is alive and able to express himself.

The art of acting is a science that studies how to find expression and character in acting (Dipoyono & Imama, 2023). Expressions are not only shown through facial expressions but also body gestures (physical expressions), voice expressions, and intonation. In this film, the acting aspect is contained in the voice of the dubber when Curby (pumpkin) & Anne (pineapple) converse. Apart from that, acting can also be seen from the facial expressions of the fruit. The characters of inanimate objects are brought to life in this film through the creation of expressions attached to fruit. So, it is as if the fruit and paper characters are “alive” and can express themselves.

In relation to film production management, research conducted by Annisa et al dkk (Nurul Shadrina et al., 2023) concluded that pre-production, production and post-production are important stages in film management which are interrelated. Therefore, the production management of the film *The Worthy Worship* implemented the same thing. The difference is that this film uses stop motion techniques, played by characters made from linen paper, Samsons paper and also fruit.

Making a film using stop motion techniques requires quite a large crew and quite a long time. This is related to the need for supporting property when production is carried out. Consistency is needed in shifting each object so that the movement is smooth when the images are combined with editing software.

The number of crew required here is quite large, namely the crew who are responsible for the availability of characters and other assets as decorations needed for the production of this film. Apart from that, several people are also needed who are responsible for the movement of each object and asset that is part of the film story. So, team cohesion is very necessary because it requires a lot of patience and concentration in producing a film using stop motion techniques.

The film *The Worthy Worship* is a film produced to be included in the LO Creative short video competition. In accordance with what Wienata and Amelia said, the success of short film production cannot be separated from the role of the Triangle system, which is a collaboration between three parties, namely the producer, director and script writer (Ananda et al., 2023). Kadek (Nurul Shadrina et al., 2023) also said that producers, in carrying out their duties, are obliged to implement four management functions, namely planning, organizing, coordinating or directing, and also monitoring.

#### **4. Conclusion**

Regarding team management in film production, it is necessary to understand each member of the production team, their respective roles and responsibilities. Each team member brings unique skills and expertise. Each member of the production team must optimize their skills in the production of the film “*The Worthy Worship*”. Cooperation and collaboration between team members played a very important role in the production of the film *The Worthy Worship*.

The short film *The Worthy Worship* is attractively packaged and produced using stop motion techniques. The message conveyed in this film is an appeal for people to make the best use of food resources in terms of responsible consumption. The production management of the film *The Worthy Worship* includes three stages, namely: (1) pre-production; (2) production; and (3) post-production.

At the pre-production stage, all matters relating to story concepts and ideas are developed and understood jointly by all team members. This aims to reduce disagreements and confusion when production is carried out. All property and material assets were well prepared by the team, including the diorama setting, the fruit used as the main character, and other characters and various shapes made from paper as supporting elements.

Production is the stage where the design of the film is developed in the form of story ideas, sketches, story and storyboard. The production process for the short film *The Worthy Worship* uses Three Point Lighting. The Three Point Lighting component includes the use of key light, fill light and back light. The aim of using lighting is to make objects look brighter and clearer, as well as to create an atmosphere. Meanwhile, in the lighting used, colored mica filters were added to support the atmosphere and mood in the short film being produced. Colored mica plastic is used in lighting as a color filter to create an atmosphere and mood according to the story being told in each segment. There are at least three colors used, namely red, yellow and blue.

The post-production stage is the final stage carried out in making the film *The Worthy Worship*. The cameraman and editor coordinate to ensure the best quality images will be selected to proceed to the editing stage. Apart from that, coordination is carried out to ensure that the story matches the initial script.

Four management functions consisting of planning, organizing, coordinating or directing and controlling have been implemented well in the process of making the film *The Worthy Worship*. The results of this good production management brought the film *The Worthy Worship* to being awarded 2nd place in the LO Creative competition.

### **Acknowledgment**

The researcher thank to all those who have contributed to the settlement of this article, especially for the Media Production Study Program of Politeknik Indonusa Surakarta, all the crew of the film *The Worthy Worship* and STIKOSA who have provided an opportunity for this article to be published.

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