

Dear Financers,

I am writing in regard to the extensive research I have done into a variety of different elements involved and associated in single camera productions. As you know, I have done this research in order to develop ideas for my own single camera production.

The following is a summary of my findings from UNIT 22, all of the following work presented can be found at the following web address:

<http://lpym1999.wix.com/btecmedia>

What is a Single-Camera Production?

A single camera production is a type of production whereby only one camera is used in order to shoot either a film or TV show. A single camera production will have many advantages and disadvantages over a multi-camera production, which I will discuss throughout this report, such as: the cost effectiveness, the budget and the deadlines involved in single camera productions. Many different genres and types of productions are commonly produced with only one camera, for example different types of film and TV shows such as Documentaries like Netflix's 'Making a Murderer' and Comedies like 'Gavin and Stacey' are produced through single camera production.

Advantages and disadvantages of single camera productions:

I also learned the advantages and disadvantages of both single camera productions in the industry:

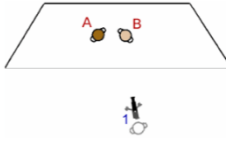
Advantages	Disadvantages
Lower Production Cost– Single camera productions will tend to have a much lower scale of production, this means that less money needs to be spent on additional equipment such as: cameras, lighting equipment, smaller sets etc. This means that more finance can be saved and invested into other aspects of the production such as the marketing campaign for the product.	Timescales – If a production is only shooting with one camera, more time will be spent trying to achieve the right camera angle for each shot in order to make sure that it meets the director's specification. It will also take a large amount of time moving each individual camera in order to capture each shot for a sequence.
Control over production – Directors and cinematographers involved in the production can have more control over the particular shots and mise-en-scene in a shot. This is due to the fact that there is only one camera, thus more detail can be put into each particular shot making it more artistic and aesthetically pleasing for the audience.	Loss of footage – If cameras fail or are damaged, it's a strong possibility that some of the previously shot footage could have been lost or corrupt.

The following is evidence of my research into a summary of single and multi-camera productions and the advantages/disadvantages of each. This work can be found at the following web address:

http://media.wix.com/ugd/134ea6_36ebff3603314f05bc9f689197843e81.pdf

Single Camera Productions

A single camera production is one which only uses one camera to film and shoot the product during the production process. There are a number of productions which may be filmed with a single camera, for example: Films and Television productions. In a single shot production, all the shots and angles will be filmed individually one after another until the scene has been fully filmed to the director's requirements while keeping continuity between shots at the same time. Single camera productions offer a number of advantages over multi-camera productions: Firstly it will be cheaper for the production, this is due to the fact that less money in production will be spent on purchasing more equipment in order to film the product. However, there are a number of drawbacks of single camera productions: Time – The production length may be slightly longer than one with multiple cameras, this is due to the fact that scenes need to be shot multiple times from different angles in order to shoot the scene. Similarly, continuity may also pose as a problem in a production, for example it may be hard to make sure that all props and actors etc. are completely the same to the previous scenes shot from a specific angle. Examples of single camera productions:

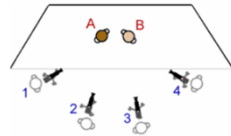


These screenshots show some of the first research I made into single and multi-camera productions. The screenshot to the left shows some of the general research I did into single camera productions, I also discuss the drawbacks and the camera setups which are used in single camera productions.

The screenshot to the right shows some of the research I also made into multi-camera productions, such as the drawbacks and the camera setup of multi-camera productions etc.

Multi-Camera Productions

Multi-camera productions however use multiple cameras in order to shoot the product. Due to the large availability of most cameras, many modern day productions use multiple cameras and the types of productions using multiple cameras varies largely in the industry. In a multi-camera production, cameras will be set up in a number of different locations in order to capture a number of different shots. The scene will be filmed only a few times until the director is happy with the number of different shots used in the scene. Generally in film, multi-camera productions tend to have a higher budget than that of a single camera production. One fundamental advantage of multi-camera productions is that more can be covered in one scene, for example: multiple cameras would allow more of the scene to be shot at one time, such as the emotions on the cameras or more of the set in the background. Furthermore, multi-camera productions allows the production process to be less time costing due to the fact that multiple cameras are covering different angles and the scene will not have to be re-filmed as many times as one which has used only one camera. However, there are a number of disadvantages to multi-camera productions that need to be considered by the producers when creating a media product: Expensive – Equipment can be very expensive when shooting a film or show: having multiple equipment such as cameras, microphones and lighting can be very expensive to use in film and can juristically change the costs within a production. Furthermore, it will also have a small impact on the time it takes to produce the film, for example the cameras will need to be setup and transported. Examples of multi-camera productions:



Productions associated with single-camera productions:

As stated earlier, many types of productions are often produced with only one camera, however there are specific genres which are usually associated with Single camera productions. From my research into single camera productions, I have found that the most common genres associated with single camera productions are: Comedies, Dramas, Horror/Thriller and documentaries. Some of the main reasons why productions such as these would choose to shoot in single camera, could be due to the budget and scale of the production, for example: The cost of a camera for shooting can be considerably expensive, with some cameras ranging up to \$56,000 and beyond, such as the 'RED Epic Dragon' camera which was used to shoot Netflix's 'House of Cards' series, thus production companies may decide to shoot in single camera in order to save as much money as possible.

The following is evidence that I have researched into different genres associated with single camera productions, the following screenshots are taken from my wix website:

<http://lpym1999.wix.com/btecmedia#!genre-types/pxyl0>

GENRES OF SINGLE CAMERA

Why Single Camera?

There are many advantages and disadvantages to a single camera production and the reasons why a production may choose to use one camera as said earlier:

- Budget and Cost: One major reason why a production company may choose to use only one camera is that the budget is considerably cheaper for a production. This would allow more finance to be assigned to other aspects of the production such as set design etc.
- Time management: One disadvantage of single camera would be that valuable time could be spent on re-shooting scenes from alternative angles for a scene, this valuable time could have large effects on a schedule of a production compared to if they used multiple cameras.
- There are a wide range of different types of genres which will commonly be associated with single camera productions, this is due to a number of factors such as the budgets and scale of production in single camera productions. While any type of production could be produced with only one camera, only a select few are associated with single camera because of these reasons, the main genres which are associated with single camera productions are generally:



- Comedies - Many Sit-Coms (situation comedy) are usually produced through single cameras, this is likely due to the fact that the budgets for these shows are small compared to other types of productions. Miranda is an example of a Single camera TV series produced by BBC 1, the show used only one camera in order to shoot scenes and reshot the scene in order to get different angles.
- Dramas - Many different dramas are produced through single camera, one of which is Downton Abbey, a period drama produced by ITV set in the estate 'Downton Abbey' in the early 20th century leading up to World War 1 and after.
- Science Fiction - An example of a science fiction single camera series production would be Doctor Who, it is a TV show produced by the BBC and run since 1963 and has been claimed by the Guinness World Records as the 'most successful sci-fi show ever'.
- Documentaries - Most documentaries are also single camera due to the fact that they are usually very small scaled productions with a smaller sized crew and equipment. An example of a successful documentary series is 'Making a Murderer' which I have previously talked about in my 'Series and Serials' topic.



For my own single camera production that I am proposing to you, I plan on using the psychological thriller genre as the story for my own single camera production as it follows the life of a man on the run after killing his girlfriend before being finally apprehended by the police. This story allows us to explore his traumatic experience and the motives he had in killing his partner. This allows the audience to go in depth with his character and explore his emotions as the story continues, thus this would help us to create an effective and hard hitting response from our audience. Furthermore, genres such as these are currently in high demand, this means that we could potentially have a higher demand and larger audiences which would therefore allow us to gain a higher revenue, benefiting you as a potential financier for the film.

Shot types used in Single-Camera Productions:

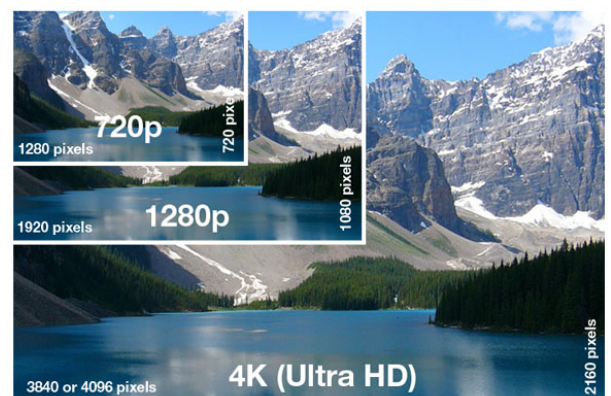
I have also researched different shot types and analysed as to how they are used and their different effects on an audience. Shot types are a fundamental aspect in filmmaking and are largely responsible for how a film looks and thus enhancing its emotional effects on the audience. For example, a 'Point of View' (POV) shot can be used in films in order to place the audience into the point of view of a character, this helps to immerse viewers in the scene and make it feel more 'real' for the audience. As shown in my research, the work produced was a video that a group of members in our class made, which showed a variety of different shot types that are commonly used in film and media. The following are a list of the shot types we found, that I plan on using for our own single camera production: Close Up, Mid shots, Long Shot, Establishing, Panning, Zoom, Over the Shoulder and Point of View shots. An example we will use will be a point of view shot, which will enable our audience to feel as though they are in the scene and are one of the characters. After finding these different types of shots, I also looked at my favourite ones and stated how they are effective towards the audience:

The following are screenshots from my research into different shot types, which are commonly used in different types of productions and my favourite types of shots, the work can be found at the following web address:

<http://lpym1999.wix.com/btecmedia#!shot-types/yt8d9>



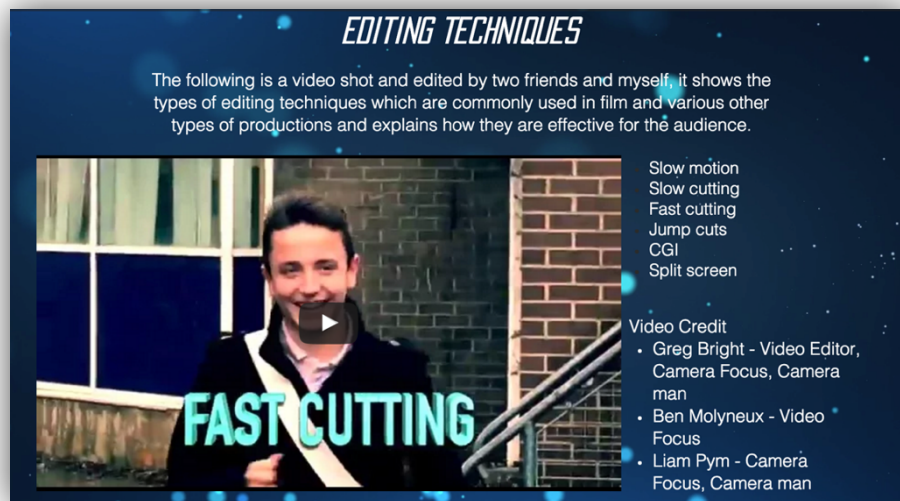
In my own production, I plan on using an iPhone 6S camera for filming. Whilst filming on a phone may seem an unprofessional way of shooting for a production, there are many advantages for using this type of camera: The first reason is that the camera has the ability to shoot at up to 4K at 30fps (frames per second), this is a great quality for a film with a limited budget such as ours. The second is that we already own this particular device, which in turn means that the costs of our production will be considerably less, benefiting you, our potential financiers substantially. Here is a picture showing the quality of a typical 4K resolution next to other HD resolutions such as 720p etc.



Editing Techniques:

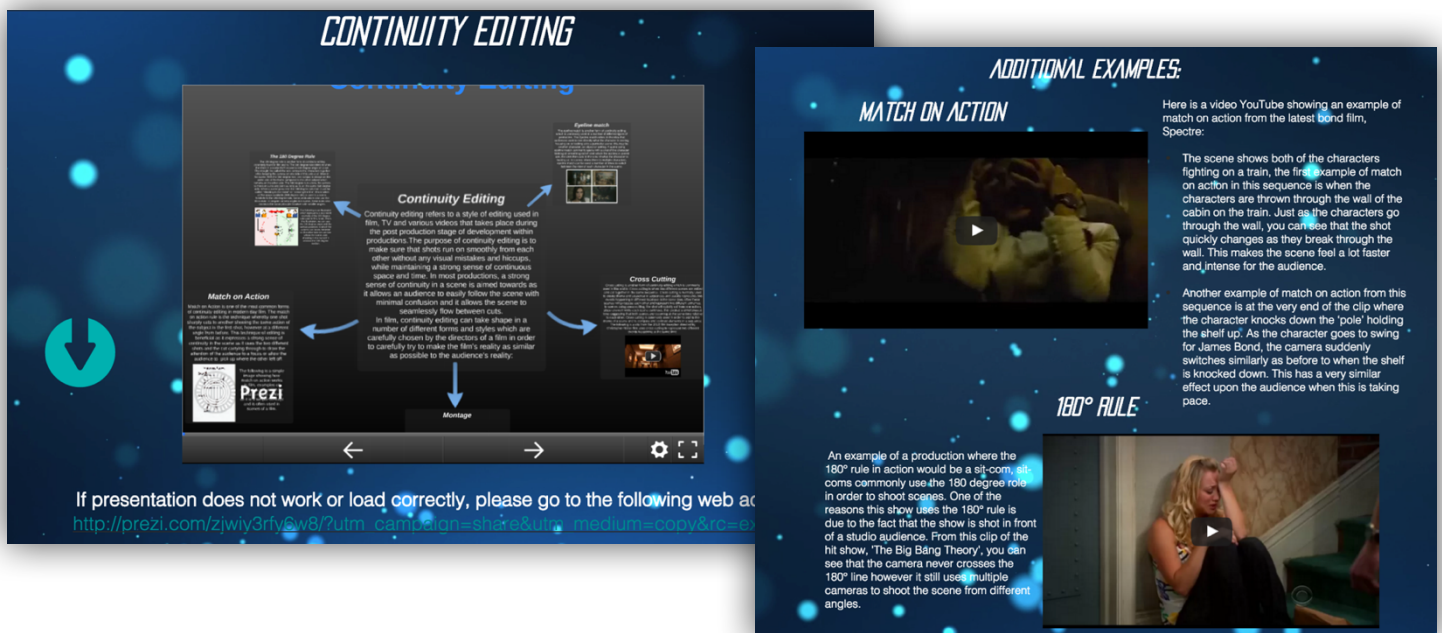
Similarly, to the shot types section of my research, we also created another video showing the different types of editing cuts which are used in different films and discussed their effects on the audience when used in film. Some of the editing techniques we found were: Slow motion, Slow cutting, Fast cutting, Jump cuts, CGI and Split. In our own single camera production, I plan on using a number of these editing techniques in order to make the film more interesting and appealing to a wide range of audience. The following is a screenshot showing evidence of doing this research into editing techniques:

<http://lpym1999.wix.com/btecmedia#!shot-types/yt8d9>



Continuity Editing:

Another part of my research that I feel is relevant towards my own single camera production, is continuity editing techniques. For this section, we had to research factors which contribute to the continuity of a film. The purpose of continuity editing is to make sure that shots run on smoothly from each other, without any visual mistakes which viewers may notice. Directors and producers aim towards a strong sense of continuity in order to make it easy for an audience to follow the scene and fully understand what is happening. Continuity in a scene or media production can be achieved in a variety of ways: Match on Action, 180 Degree Rule, Eyeline Match and Cross Cutting. Many of these continuity editing techniques will be used in order to make the opening sequence of my production more believable and understandable for the audience. I also looked at specific examples of continuity editing used in different productions. For my own single camera production, I will use different types of continuity editing in order to make sure that the audience can follow our sequence, for example we may decide to use Match on Action and the Eyeline Rule. The following is a screenshot showing evidence of doing this research into continuity editing:



In my own single camera production, I plan to use various types of equipment and software in the post production stage. In order to create the final product, for example, I plan on using the software Adobe Premiere Pro CC in order to edit the final product. Premiere Pro is both owned by myself and available to me at school, should I need it. This software is used to create a range of different products, from short videos to full movies, it is therefore beneficial for the production as it is very high quality and is up to industry standard. The computer I will be using to edit my footage on, is an Apple Macbook Pro, which I own. Using this computer will allow me to easily edit and transfer footage from my choice of camera.



Lighting Techniques:

Another aspect of researching into single camera productions involved looking into the different lighting techniques which are also used in different types of productions. From this research, I learned what kind of lighting techniques can be used, the effects that these can have on an audience and the types of equipment which are used in order to achieve these different techniques, for example one of the lighting techniques I found is 'Low-Key Lighting', this is a style of lighting in photography, film or television whereby dark and little lighting is used to illuminate an object, person or scene. Low key lighting can be achieved through different types of equipment such as black backdrops, light reflectors etc. Another type of lighting technique I researched was High-Key lighting, this is when bright colours and lighting is used in a scene in order to create a positive or soft tone for an audience, I also researched the other types of equipment which can be used in order to achieve a high-key setting. I also found examples of common lighting set-ups which are used for these lighting techniques. The final part I researched into lighting techniques was 'Hard' and 'Soft' lighting, these are two different techniques used in photography, film and tv, they are two different methods of how different types of lighting can be used in order to focus upon an object or person. For our own single camera production, we plan on using low-key and soft lighting in order to fit the genre and tone of our narrative, for example: a sombre, dramatic and tense tone. The following is a screenshot showing evidence of this research into lighting techniques:



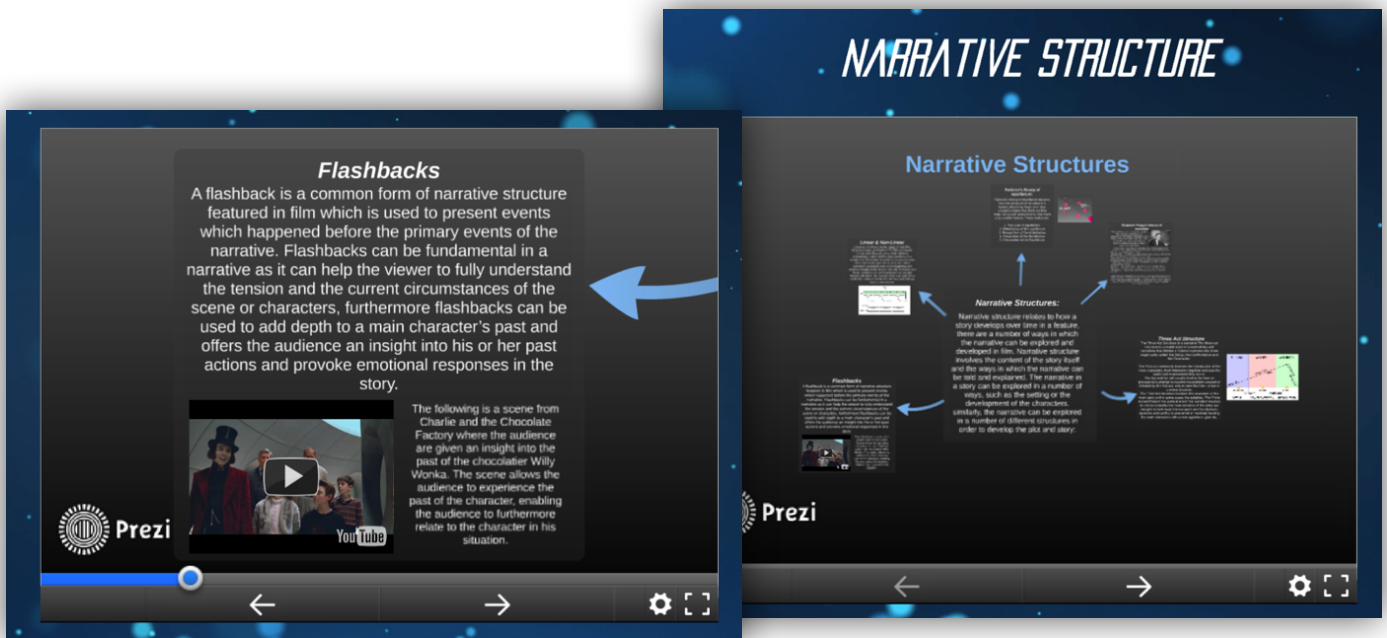
Narrative Structure:

One of the last things I researched into was, different narrative theories and the research that different critics and film theorists have developed. These theories included: Flashbacks, linear and non linear, Todorov's 'Theory of Equilibrium' and Vladimir Propp's 'Theory of Narrative'. Todorov's theory of equilibrium explains how the structure of a narrative in a feature, should be linear. The theory also explains that there are five major structured states/events that make a successful feature. These states are:

1. The state of equilibrium
2. Disturbance of the equilibrium
3. Recognition of the disturbance
4. Reparation of the disturbance
5. Restoration of the Equilibrium

Todorov's theory of equilibrium, can therefore be viewed as rather complex for audiences to follow, as it involves the narrative constantly changing through 'new equilibriums' and 'resolutions' etc. This may therefore be hard to use in my own single camera production as it can prove challenging to film, this may be a reason as to why we may decide not to use it in my own production.

Another common narrative technique used in film are flashbacks. These are a common type of structure used in different types of production. A flashback is used in order to help the audience understand a character or setting more easily and offer an 'insight' into their/its past. In my own single camera production, I plan on using a non linear structure, this will consist of us using flashbacks throughout the sequence and overall story, in order to allow the audience to learn more about our main character as the story continues, this would encourage the audience to empathise with our character and create a deeper link or connection between the audience and our main character and thus make the film more meaningful to audiences. Here is evidence of research into different narrative structures and theories:



In conclusion, I'd like to thank you for your interest in my own production and that the evidence that I have provided shows my research and my own invested interest in creating my single camera production as soon as possible to the best of my ability. Furthermore, I hope you are also interested in helping me to produce my single camera production through your finances, If you have any questions or wish to look more into my production, please go to my website: <http://lpym1999.wix.com/btecmedia>

Thank you for your consideration, I look forward to creating this product with you.

Liam Pym