

PBL MOOC Video Production

- Dr Shakuntala Acharya
- Apoorv Bhatt

First draft video

Write a script and slide

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graph TD; A[Write a script and slide] --> B[Word document & powerPoint]
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Word
document &
powerPoint

Classifying content of the script



Content that requires "slide" back up



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Example storyboard/ video, open ended problem (2 mins)

Hi... In this video, we will go through an idea generation technique called brainstorming. Before we learn this technique, let's start with an example of a real-life problem.

The problem is related to firefighters. We all know that when a person calls to the fire control room, firefighters quickly reach the fire site and start rescuing and extinguishing. During these activities, they require a smoke mask for protection from the smoke and temperature. The filter attached with the mask does an excellent job of filtering smoke. However, the mask's existing design does not address the problems of communication and visibility during operation. Let's focus on the problem related to "visibility": When firefighters have to enter closed fire grounds, visibility in smoke gets affected. The firefighters have to manage in the fire ground almost blindly for the entire operation.

There are multiple ways to solve this problem. If I ask you to solve this problem individually, I am sure you will develop an idea which can solve the problem. But will that idea be the best idea? Yes, it may be. But how will you ensure it? If you ask your colleagues, they might develop other ideas that can also solve this problem.

Benefits of group activity over individual participation: Research says that while solving a problem, an individual attempt may result in a few ideas. On the contrary, group activity may lead to the generation of many and diverse ideas. Many idea-generating methods involve group activity. In this video, we will talk about a method called brainstorming and try to solve the above problem.

Brainstorming (3 mins)

Brainstorming is the most widely known intuitive method that involves group dynamics and generates the broadest possible range of ideas.

This method was suggested by Osborn in 1953, who separated two activities of ideation: idea generation and idea evaluation. During the brainstorming session, participants only generate ideas and do not analyze them.

So, how do we conduct the brainstorming session? The session requires a facilitator and a group of participants; the number of participants can vary from 5 to 15. By the way, you can also involve the problem owners as participants, as they have familiarity with the problem area.

The facilitator can outline the problem as a starting point while ensuring that the problem statement is solution neutral, not too narrow, not too vague.

The main rules for Brainstorming are straightforward!



Recourses required

- Webcam
- Green screen
- Script
- Slides
- Post processing tool

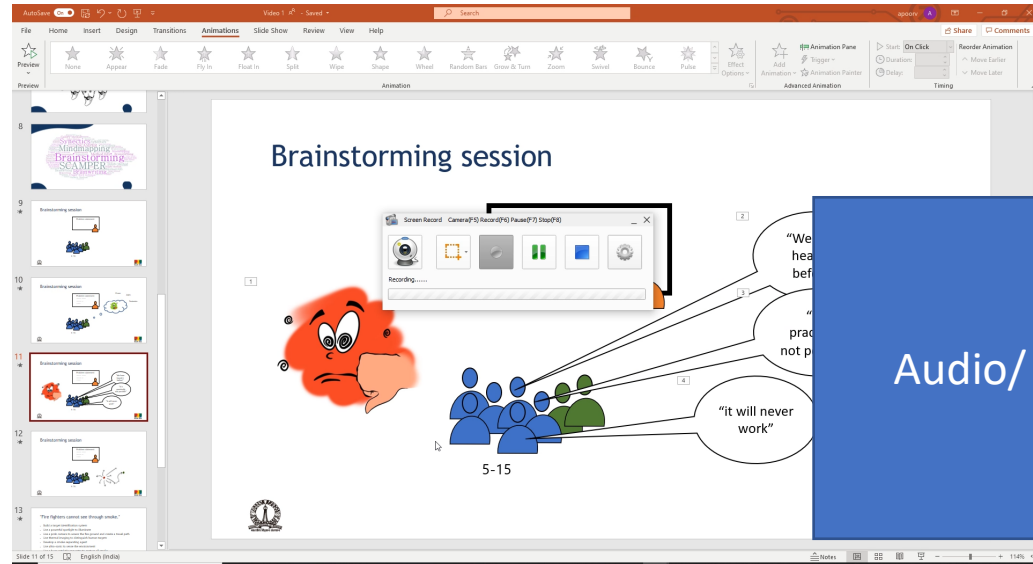




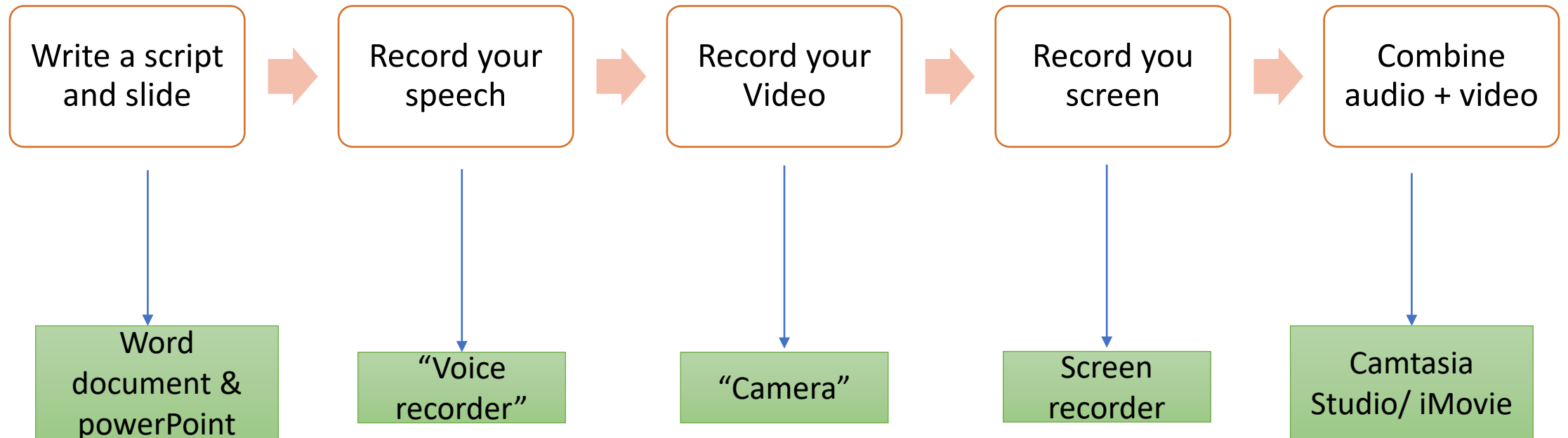
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Process



Thank you