

1

# Welcome

This is a template to create an **Instructional Design Document** of the concept you have selected for creating animation.

2

This will take you through a **5 section** process to provide the necessary details to the animator before starting the animation.

3

The legend on the left will indicate the current status of the document. The **Black** coloured number will denote the current section, the **Turquoise** color would denote the **completed sections**, and the **Sky blue** color would denote the **remaining sections**.

4

5

The slides having 'Instructions' would have a Yellow box, as shown on the top of this slide.

# **Title of the animation**

Brief description about the concept (1-2 lines)

**Author**  
Affiliations

1

# Master layout or diagram

- Make a schematic diagram of the concept
- Explain the animator about the beginning and ending of the process.
- Draw image big enough for explaining.
- Label it properly, so that the animator understands the various components of the process.
- Illustrate the basic flow of action by using arrows. Use **BOLD lines** in the diagram, (minimum 2pts.)
- In the slide after that, provide the definitions of **ALL** the labels used in the diagram

2

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# Master Layout

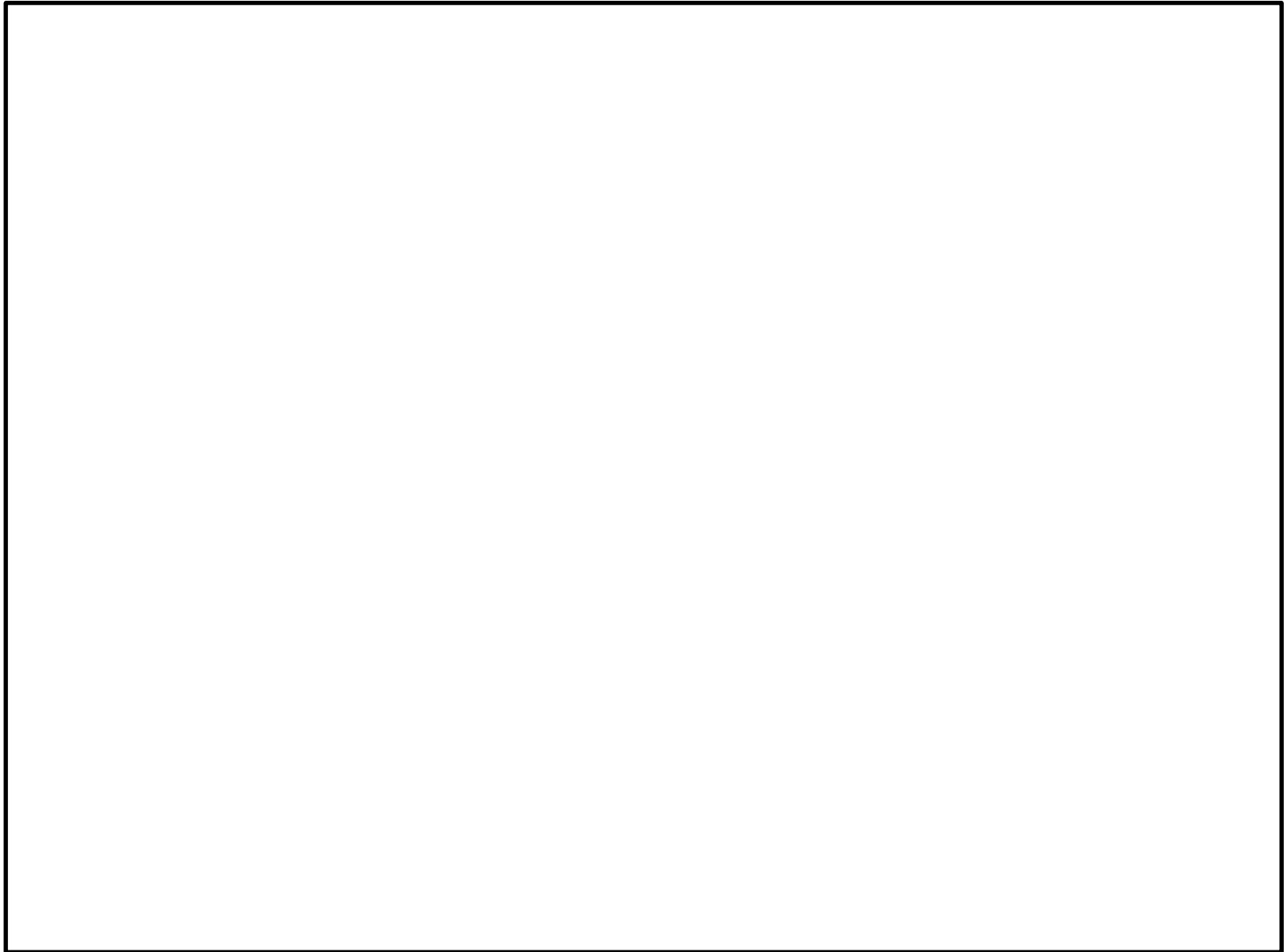
1

2

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5



1

# Definitions of the components:

2

1.

2.

3.

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1

# Explain the process

2

- In this step, use an example to explain the concept. It can be an analogy, a scenario, or an action which explains this concept/process/topic

3

- Try to use examples from day-to-day life to make it more clear

4

- You have to describe what steps the animator should take to make your concept come alive as a series of moving images.

5

- Keep the examples simple to understand, and also to illustrate/animate.

# Analogy / Scenario / Action

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1

# Stepwise description of process

2

- The goal of the IDD is to provide instructions to an animator who is not an expert.
- You have to describe what steps the animator should take to make your concept come alive as a moving visualization.

3

- Use one slide per step. This will ensure clarity of the explanation.
- Add an image of the step in the box, and the details in the table below the box.
- You can use any images for reference, but mention about its copyright status

4

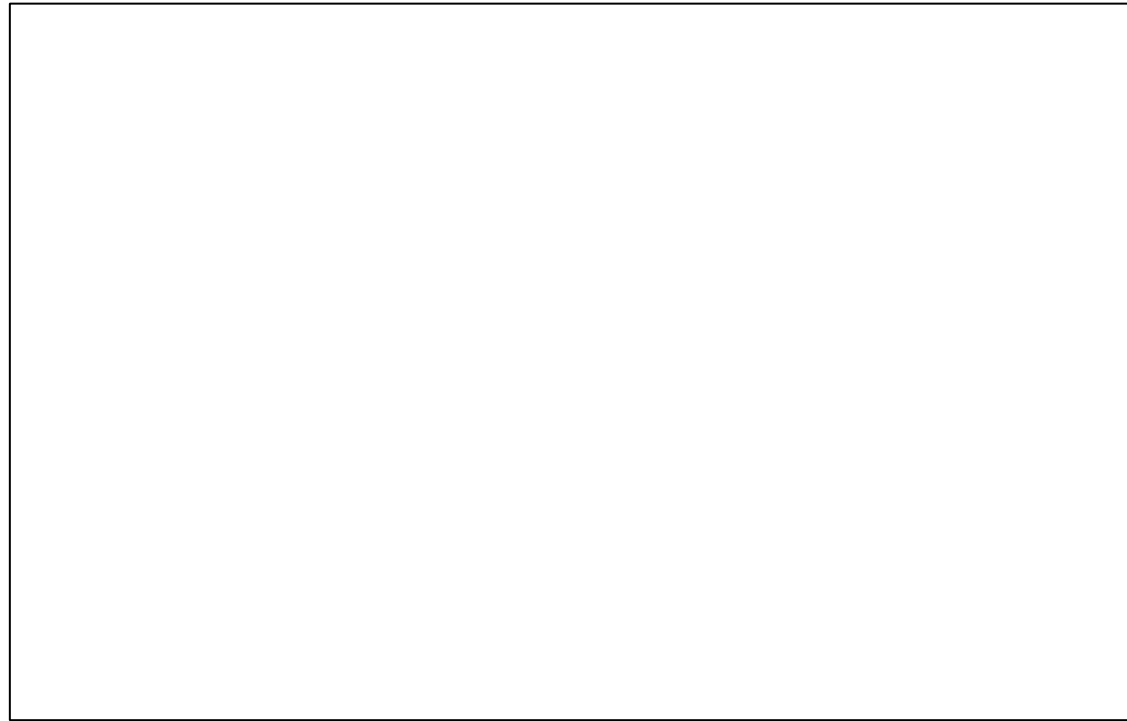
- The animator will have to re-draw / re-create the drawings
- *Add more slides as per the requirement of the animation*

5

1

# Step 1:

2



3

4

Action	Description of the action	Audio Narration

5

1

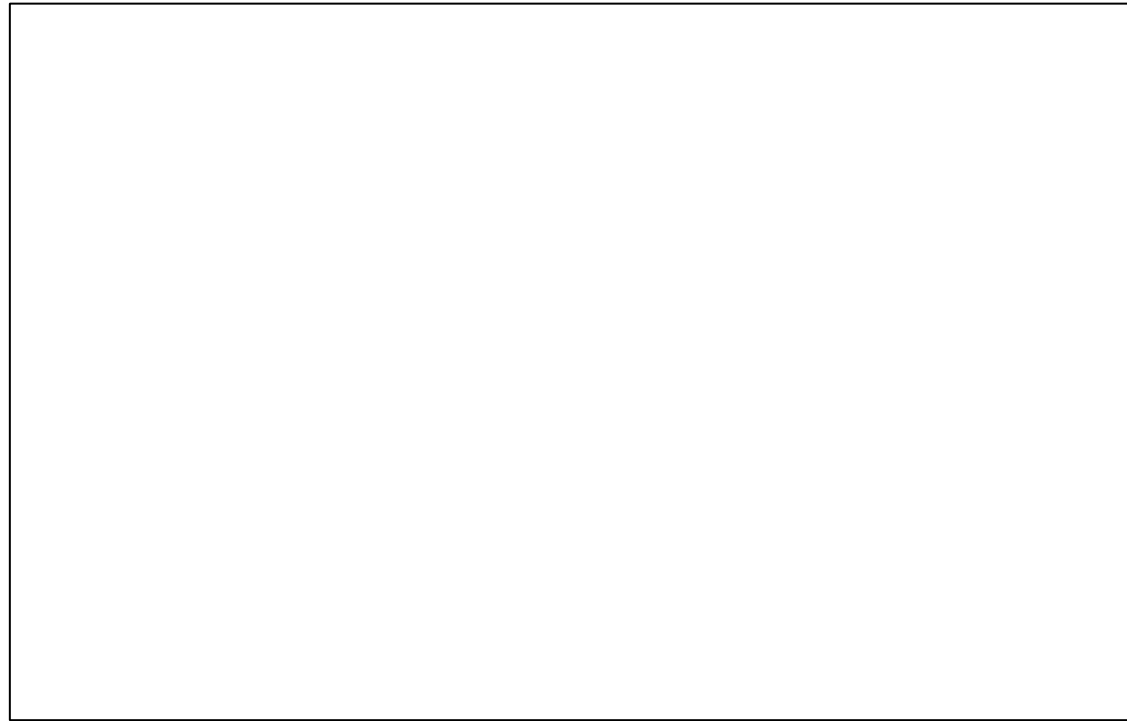
2

**3**

4

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## Step 2:



Action	Description of the action	Audio Narration

1

# Animation design

2

- Please see the design template provided in the next slide.

3

- This is a sample template, and you are free to change as per your design requirements.

4

- Try and recreate the sections/subsections as shown in the template.

5

# Newton's Laws of Motion

Subtitles about the details of the applet

Logo and the name of the author/organization

Title Area

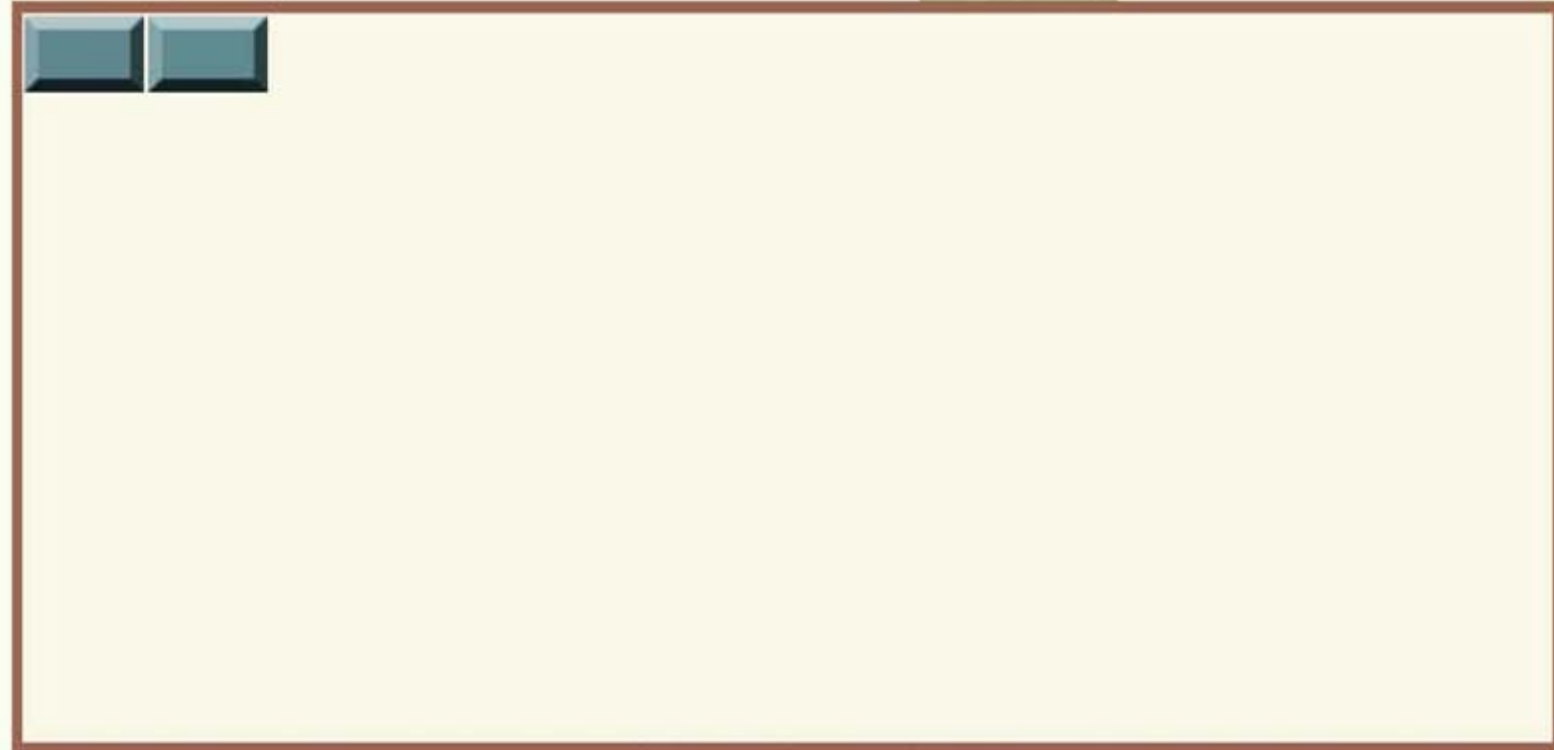
Subtitles (if any)



For 5V supply the least count comes to 208 mV and value of VREF as 2, 3 and 4 for temperature setting of 44, 65 and 85 degree centigrade respectively.

As is a common practice with every home brew, I provided as many lights and audio indications to show something is happening, ( the dam thing is ticking) if nothing at least the power supply LED gives the much needed boost when the power is applied for the first time.

I used LEDs for visual effect and a buzzer for those who tend to see through visual indications as if they never existed. The supply to the heater is controlled using a 12V / 20A relay driven by BD139 on trigger (logic high - 5V via 10 k resistor) to it's base from bit 5 of port B. indications as if they never existed. The supply to the heater is controlled using a 12V / 20A relay driven by BD139 on trigger (logic high - 5V via 10 k resistor) to it's base from bit 5 of port B.



Text explanation Area

Animation Area

## Instructions

For 5V supply the least count comes to 208 mV and value of VREF as 2, 3 and 4 for temperature setting of 44, 65 and 85 degree centigrade respectively.

As is a common practice

As is a practice

As is a common practice

Interaction Area



1

# Interactivity and Boundary limits

- In this section, you will add the 'Interactivity' options to the animation.

2

- Use the template in the next slide to give the details.

3

- Insert the image of the step/s (explained earlier in the Section 3) in the box, and provide the details in the table below.

4

- The details of Interactivity could be:
  - Types: Drop down, Slider bar, Data inputs etc.
  - Options: Select one, Multiple selections etc
  - Boundary Limits: Values of the parameters, which won't show results after a particular point
  - Results: Explain the effect of the interaction in this column

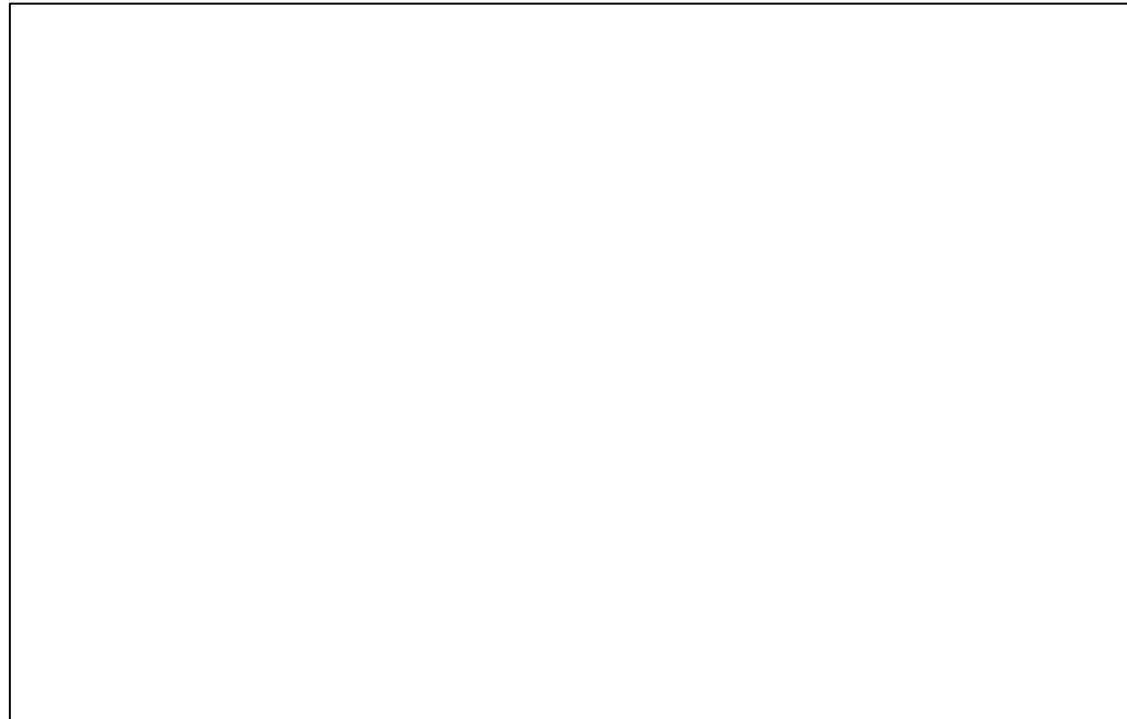
5

- Add more slides if necessary

1

# Interactivity option 1: Step No:

2



3

4

Interactivity Type	Options	Boundary/limits	Results

5

# Links for further reading

Reference websites:

Books:

Research papers: