



COMP1710/6780

Web Development and Design

Video editing and storyboarding

COMP6780 Class Representative:

Ben Cusack

and don't forget your

COMP1710 Class Representatives are:

Brinda Murlikrishna

and

Ishi Patel

Email links to your class representatives are on the front page of Wattle

From assignment specifications:

In the second part of your assignment you will add content and possibly enhance your design.

2.1 Provide an Image Map (2.5 marks)

Create a page which displays one or more image maps. Make sure that there are at least 3 links, with proper labels in your image map.

2.2 Provide a Photo Gallery (2.5 marks)

Take or select at least 10 relevant photographs. Convert the photographs to *.png format. Use a template or a suitable tool like Galerie to present them with appropriate titles and any comments you wish to make. Your photo gallery should have the same look and feel as the rest of the web site. The easiest way to achieve this is to ensure it uses the same CSS. Or it may be appropriate for you to link to content stored elsewhere on the internet.

placed here for accessibility; use with Wattle materials

From assignment specifications:

2.3 & 2.4 Videos **OR Javascript (5.0 marks across two parts)**

For 2.3 and 2.4, you can choose either to develop a storyboard (2.3a) and a video (2.4a), or write some javascript to add interactivity (2.3b and 2.4b).

Please note that you **WILL NOT** get extra marks if you do both so please indicate which components you would like us to assess.

Javascript modules:

Xuanying Zhu

Note: Most of you will do the video element

Javascript option was added as a result of requests in previous years from (mainly) COMP6780 students.

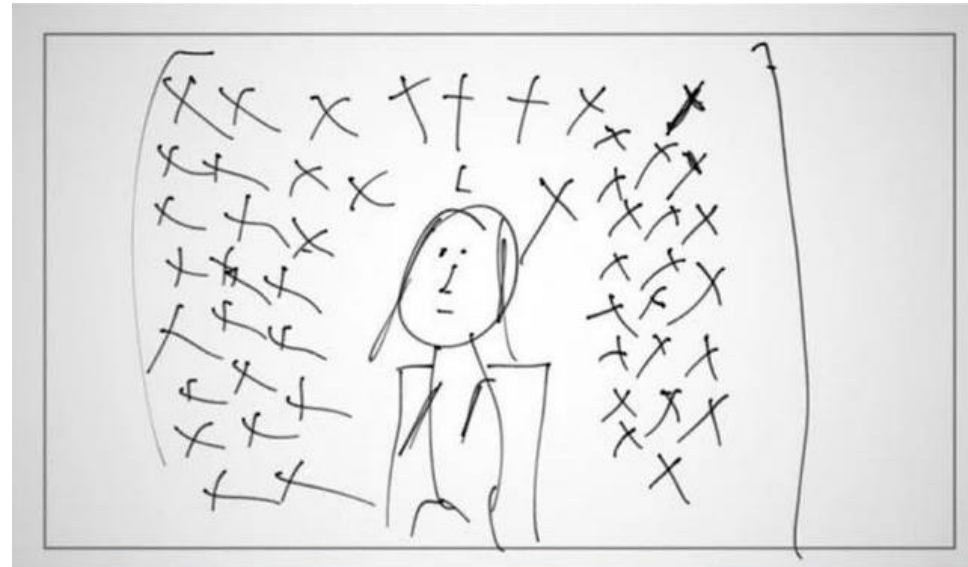
However, if you aren't familiar with javascript, then I would suggest you look at it now, and consider waiting until we cover it in lectures later in the semester and include it if you want in Assignment Pt3.

You do not have to do javascript at all in this course if you don't wish to.

2.3a Develop a Storyboard (for your video)

Create a storyboard for your video as a comic (see the relevant lab). The key thing is to present your plan of how you intend your video (see 3.1) to look after editing.

The comic and the video (see next task) should represent the same story. It should be possible to understand the video by reading the comic, and understand the comic by watching the video.



Movie: *Knives Out*
written by Rian Johnson

2.4a Make an edited, inline video

Shoot (or collect) and edit a video and present it on the website. The video (i.e. about your subject, its the same video) **should contain at least one title and one transition**. It will **be inlined within a web page**. Use your creativity and originality to do something interesting, useful or just funny.

For video cameras and especially digital still cameras with movie mode, don't forget to use a tripod or video stabilisation. Keep in mind that video cameras are not the only source of video. For example, many modern digital cameras in movie mode will produce video recording which are fine for web delivery. Then there is video capture from a running program, and so on.

Last year almost everyone had access to a video camera or digital still camera with movie mode from family / friends / church / work / etc. If you end up unable to find someone with one, please e-mail me and I will try and help.

I suggest **5 minutes absolute max for the final video**. You should also provide a few words on your site describing what the video is about and/or trying to achieve.

2.3a Develop a Storyboard (for your video)

Create a storyboard for your video as a comic (see the relevant lab). The key thing is to present your plan of how you intend your video (see 3.1) to look after editing.

The comic and the video (see next task) should represent the same story. It should be possible to understand the video by reading the comic, and understand the comic by watching the video.

What is storyboarding?

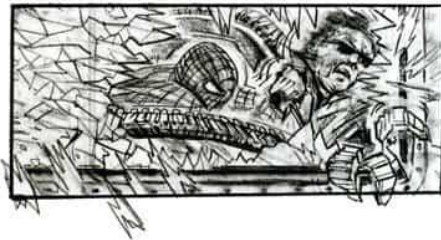
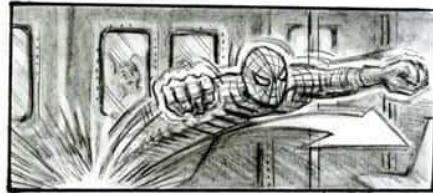
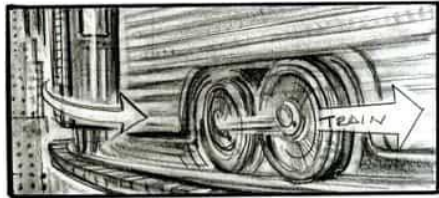
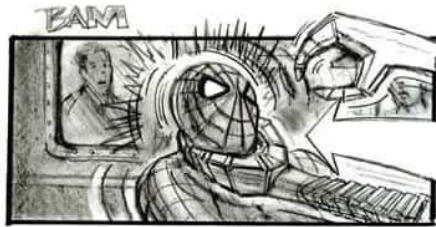
Definition from Cambridge Dictionary: *“a series of drawings or images showing the planned order of images.”*

Why storyboard?

- Vehicle for your own creative ideas. Makes you think about the stories you want to tell, not just rehashing what others have done/are doing.
- While it **may** be optional in a very small project, it is **NOT** optional in anything larger.



Movie: *Knives Out*
written by Rian Johnson



Spiderman 2



The Sound of Music



Why would storyboarding be important for video projects?

Improves narrative flow and storytelling

Decreases costs

Helps avoid failure of project

Easy to refine ideas

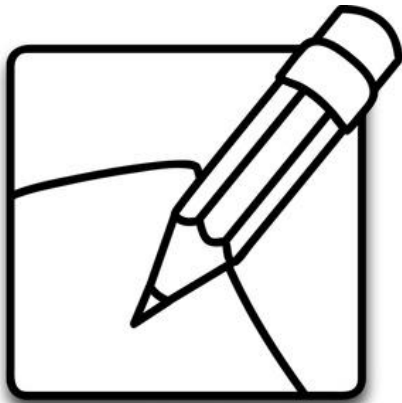
Facilitates organisation

Enables resourcing and supply

Decreases time needed

Identify and solve problems in advance

What tools can I use to create a storyboard?



Pencil
and
Paper

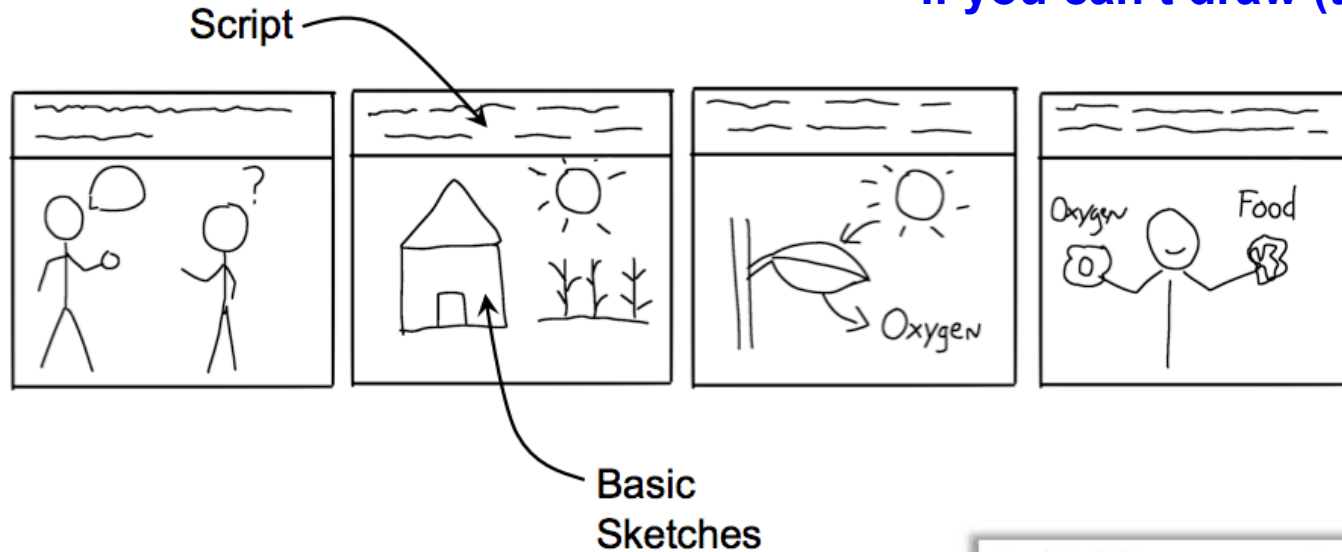
Specialised
software



Word (maybe using a table)

Powerpoint (maybe using clipart)

If you can't draw (that's most of us!):



Don't worry!

Text-based

Ref	Text/script	Interaction/list items	Dev notes
T1S1	<p>Talk bubble 1: In this session we're looking at three topics.</p> <p>Talk bubble 2: We'll start with Hygiene. Let's head to the staff room and talk to Suzie about personal grooming. Click the forward arrow.</p>	<p>Menu items:</p> <ul style="list-style-type: none"> • Hygiene • Cleaning • Pests and waste 	<p>Type: Animated s with nav bar</p> <p>Images: Commercial kitchen background Iso head chef pointing to right Icon set for menu bullets and nav bar</p> <p>Animations:</p> <ol style="list-style-type: none"> 1. Display head chef on left 2. Slide in menu from top, position screen right, also slide in text "On the menu" from right 3. Fade in Talk bubble 1 4. Display each menu item sequentially and its icon

People have short attention spans for (slow-moving) entertainment.

Video editing allows you to:

- Tell your story the way you want
- Manage/compress action and important elements of your story
- Shorten time needed to tell the story

But be careful about maintaining integrity and continuity in your storytelling.

Main lecture on video editing is on Wattle:

Video Glue of Editing video lecture:

Ché Baker (*Blue World Order*, The Hobbit – an unexpected journey, music videos)

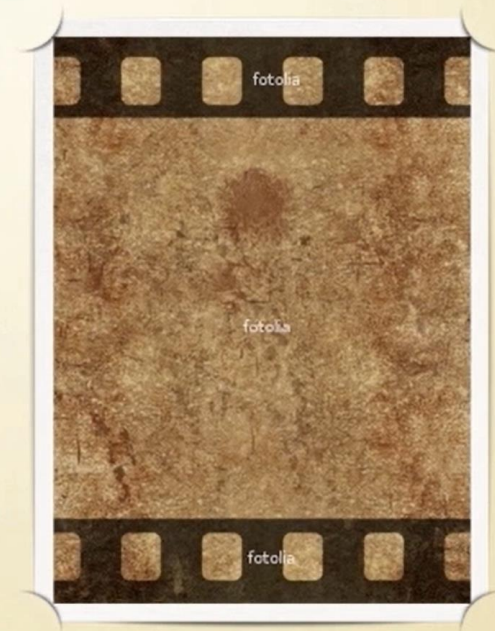
Introduced by Prof Tom Gedeon

Note especially the ‘fake news’ about 6 minutes into the lecture

Video editing involves:

EDITING INVOLVES... (AN EDITOR NEEDS TO

- Logging and capturing
- Cuts
- Dissolves
- Other transitions
- Effects
- Compositing



Determining Video Length



Search



How to Tie Your Shoes

Length: 1:05

Tip: Look online for videos on your topic and check how long they are.

How long should online videos be?

Search



#DrOctaviaCox #UnfamiliarReadings #CloseReadingClassicLiterature

Jane Austen novel SENSE AND SENSIBILITY analysis | Elinor and Marianne Dashwood (Engagements & Hair)

Length: 14:26

What tools can I use to edit video?



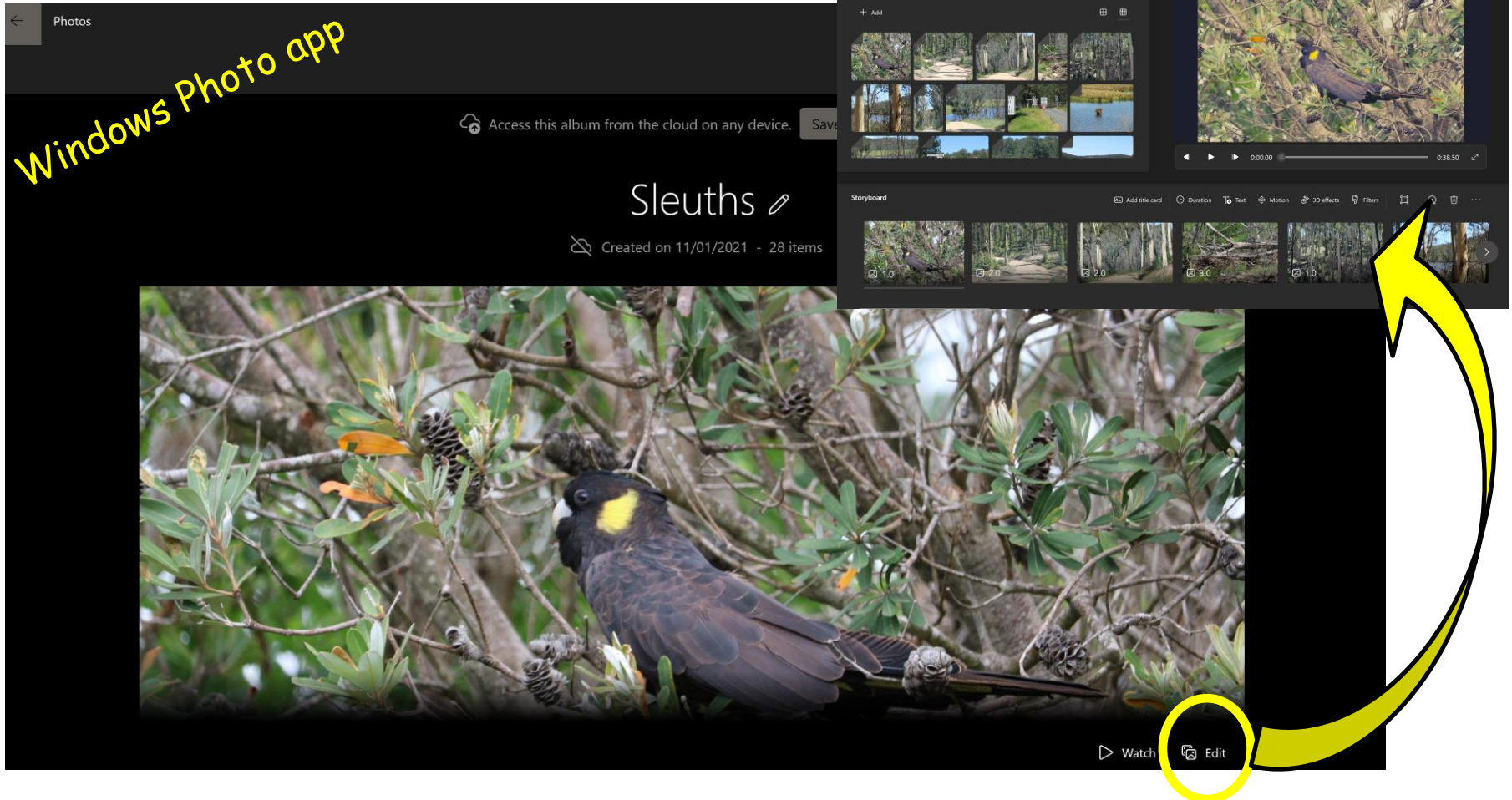
<https://www.openshot.org/download/>

Lots of others!



<https://www.apple.com/au/imovie/>

What tools can I use to edit video?



What are video formats for?

Delivering the maximum definition for the lowest size.

You can think of video codecs as being of two types:
acquisition and delivery

Acquisition – highest definition at acceptable speed/storage to capture
Delivery – best compression without losing too much detail

Some common formats: **MP4 MOV** WMV FLV **AVI** AVCHD WebM MKV

MP4

Probably most commonly used video file format

Most players play mp4 files easily

Developed by Apple

Delivers high-quality video with relatively smaller size

Lossless

Supported by YouTube, Facebook etc.

MOV

Also developed by Apple

Format for Quicktime video player

High quality

Costly in size / larger than mp4 files

Playable on Apples and Windows via Quicktime and Quicktime for Windows respectively.

AVI

One of the oldest video file formats still used.

Developed by Microsoft in 1992

AVI files support a wide range codecs (coder/decoders)

Larger in size

Not a good choice for internet, but a great choice for personal video storage due to high quality of video.

Quick word about accessibility



Hearing



Vision



Cognitive
processing



Manual
dexterity



Speech
commands

As W3C notes,

“Accessible media is **essential for people with disabilities**, and is **useful for everyone**.”

Tuesday lecture (tomorrow) will be in person by David Flores-Condezo. David will be giving the second half of his lecture on the topic of web dev tools.

The Zoom link will be via
<https://anu.zoom.us/j/85161222556?pwd=eFNETk5rNG10eGk0SlQ1Z0xmSjhYQT09>
Meeting ID: 851 6122 2556
Password: 509562



Also note:

MOOC Wk 6 is available; quizlets due by Sunday 4th September 11:55pm (23:55) AEST

Watch the Video glue of editing video by Ché Baker (in Wattle Week 6)