PUBLISHING YOUR OWN VIDEO: EASY GUIDE FOR BEGINNERS

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OUTLINE

- Types of e-Learning Activities
- Planning and Designing Video Contents
- Development of Teaching and Learning Video
- Publishing Your Own Video
- Utilizing H5P for Effective Teaching and Learning Videos

TYPES OF e-LEARNING ACTIVITIES

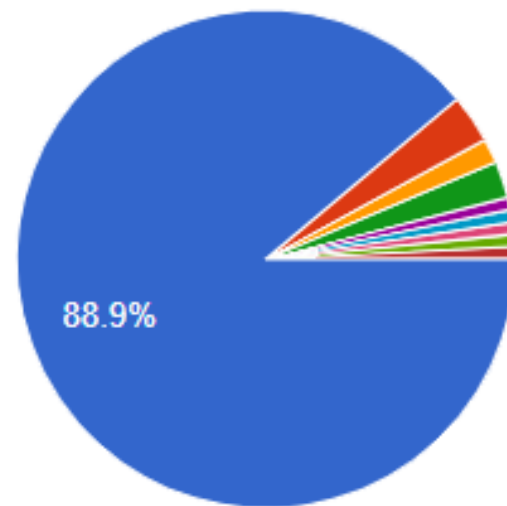|	Synchronous	Asynchronous
Definition	• Happens in <u>real time</u>. -ie Students and instructor interact in a specific virtual place, through a specific online medium, at a specific time	• Learning occurs through online channels <u>without real-time interaction</u>. -ie materials and assignments can be completed within the given time-frame
Examples of activities	• Video conferencing • Teleconferencing • Live chatting • Live-streaming lectures	• Self-guided lesson modules • Streaming video content • Virtual libraries • Posted lecture notes • Exchanges across discussion boards or social media platforms

TYPES OF e-LEARNING ACTIVITIES

	Synchronous	Asynchronous
Advantages	• Classroom engagement • Dynamic learning • Instructional depth	• Flexibility • Pacing
Disadvantages	• Rigid schedule • Technical difficulties	• Risk of ineffectiveness • Risk of apathy (lack of enthusiasm/interest)

Survey on Students' Readiness for e-learning during MCO

Di manakah anda berada sekarang? (What is your current location?)

126 responses

- Kampung/Rumah sendiri (Hometown)
- Kolej kediaman UPM (UPM residence)
- Rumah saudara-mara (Relative's house)
- Rumah kawan (Friend's house)
- Off UPM campus.
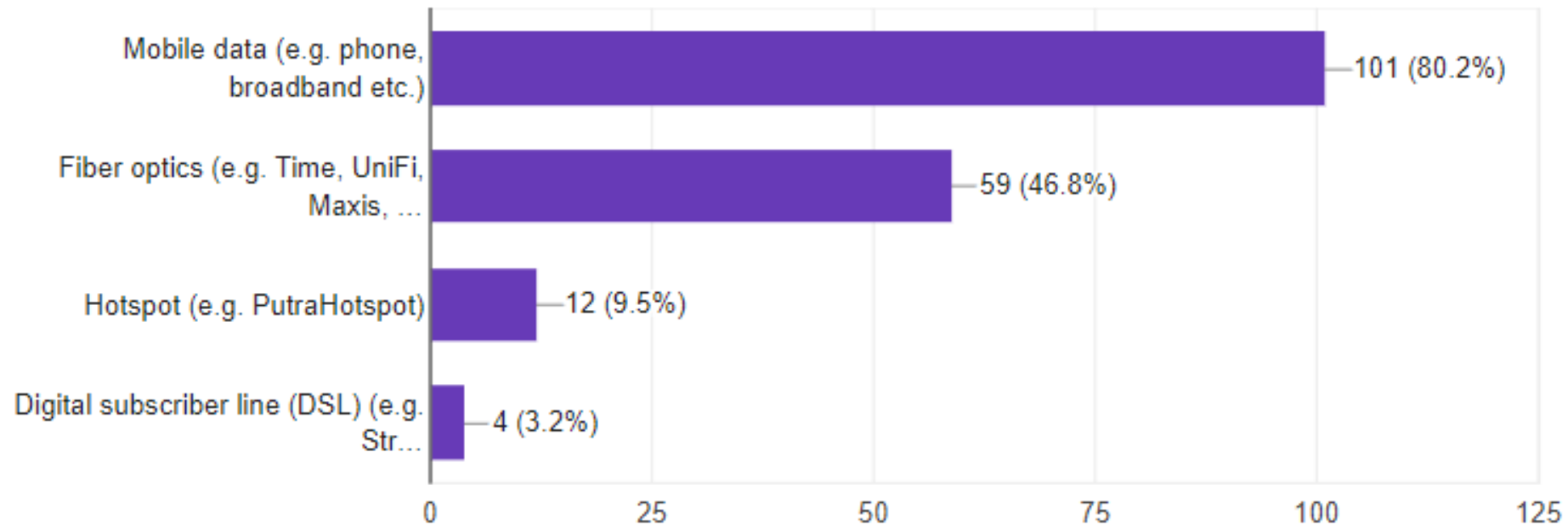- Old Flat Sri Serdang
- Rent
- Old flat
- My house

88.9%

Data: Undergraduates and Postgraduates of Dep. of Cell and Molecular Biology, Faculty of Biotechnology and Biomolecular Sciences, UPM

Survey on Students' Readiness for e-learning during MCO

Apakah sumber sambungan internet anda SEKARANG (Anda boleh buat lebih daripada satu pilihan)? [What are the sources of your current internet connection? (ie mobile data, home wifi/cable network) (You may choose more than one option)]

126 responses

- Mobile data (e.g. phone, broadband etc.): 101 (80.2%)
- Fiber optics (e.g. Time, UniFi, Maxis, ...): 59 (46.8%)
- Hotspot (e.g. PutraHotspot): 12 (9.5%)
- Digital subscriber line (DSL) (e.g. Str...): 4 (3.2%)

Data: Undergraduates and Postgraduates of Dep. of Cell and Molecular Biology, Faculty of Biotechnology and Biomolecular Sciences, UPM

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Survey on Students' Readiness for e-learning during MCO

Apakah peranti yang anda gunakan untuk mengakses internet? (Anda boleh buat lebih daripada satu pilihan) [What device do you use for accessing internet? (You may choose more than one option)]
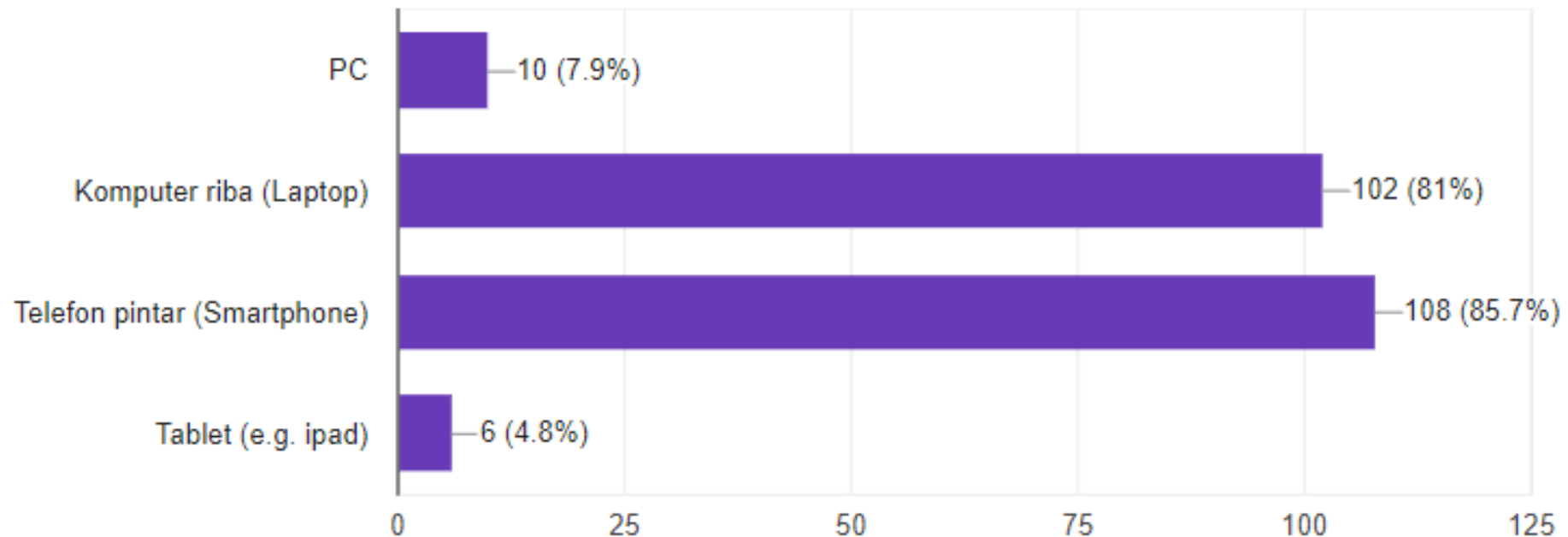
126 responses

Data: Undergraduates and Postgraduates of Dep. Of Cell and Molecular Biology, Faculty of Biotechnology and Biomolecular Sciences, UPM

Survey on Students' Readiness for e-learning during MCO

Nyatakan sebarang masalah khusus yang anda hadapi tentang sambungan internet anda. (State any specific problem you face with your internet access)

126 responses

Internet during day can be a bit slower

Sometimes my internet connection slow

Weak coverage

Pada masa tertentu, sambungan internet saya akan terputus.

Lambat jika terdapat banyak sambungan

I'm using my personal mobile data hotspot to access internet on laptop. The connection is not good, but still can open youtube (not zoom).

Slow line

Data: Undergraduates and Postgraduates of Dep. of Cell and Molecular Biology, Faculty of Biotechnology and Biomolecular Sciences

Survey on Students' Readiness for e-learning during MCO

Kongsi sebarang kebimbangan atau cabaran yang akan menghalang anda daripada melakukan pembelajaran dalam talian. Jawab 'NONE' jika tiada. (Share any concerns or challenges that would prevent you from committing to e-learning. If none, write 'NONE')

126 responses

Sekiranya betul2 terpaksa, saya kena berkongsi laptop dengan adik saya yang juga belajar di University lain. Dia akan ada online class start next week (mengikut timetable class dia) 3 jam setiap hari kerana final exam dia makin dekat dan diteruskan seperti biasa (ACCA).
So, saya akan ada masalahnya sekiranya online class guna Google meet/Skype ikut waktu jadual kelas saya kerana akan bertindih. Tapi sekiranya guna medium Google classroom/facebook/Putrablast, saya boleh

If it's asynchronous e-learning, I don't have any problem. But if it's synchronous, requiring my participation at a designated time, I face a problem in finding a suitable place because my family members are all over the house and I don't have a room of my own.

My Internet connection. I'm afraid I cannot connect to the classroom if the e-learning is conducted through zoom, Skype, etc. Maybe an e-learning where the lecturer upload certain materials and we need to access it, is better.
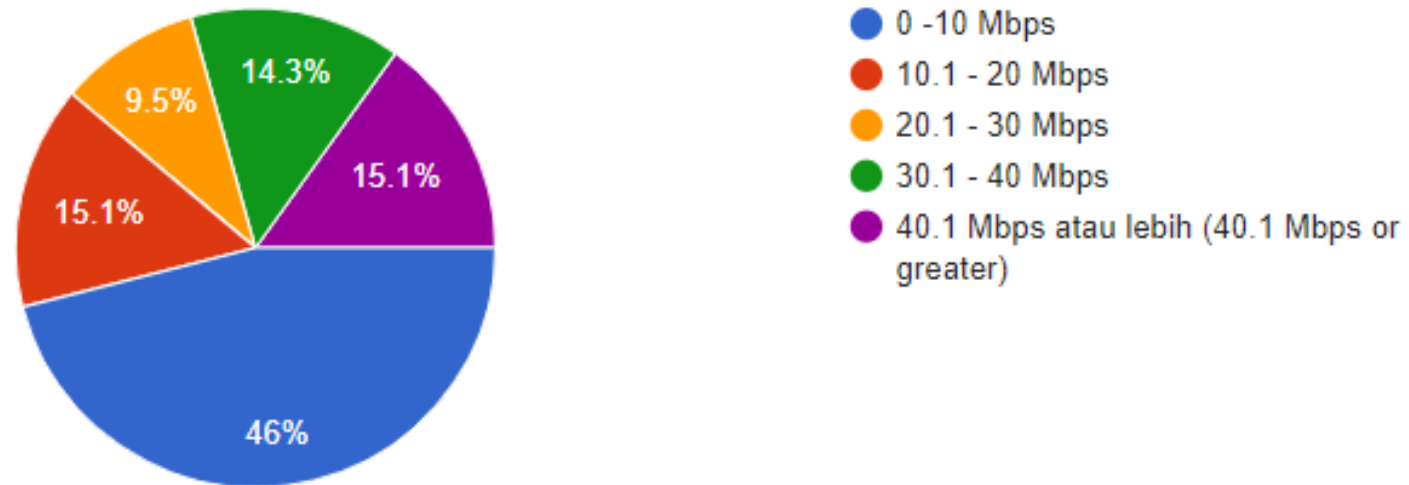
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Survey on Students' Readiness for e-learning during MCO

Berdasarkan keputusan tadi, apakah kelajuan muat turun (download speed) internet anda?
(Based on the result, what is your internet download speed?)

126 responses

Legend:
- ● 0 -10 Mbps
- ● 10.1 - 20 Mbps
- ● 20.1 - 30 Mbps
- ● 30.1 - 40 Mbps
- ● 40.1 Mbps atau lebih (40.1 Mbps or greater)

Pie chart values: 46%, 15.1%, 9.5%, 14.3%, 15.1%

Data: Undergraduates and Postgraduates of Dep. of Cell and Molecular Biology, Faculty of Biotechnology and Biomolecular Sciences, UPM

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Overcoming Technical Difficulties and Rigid Schedule

SYNCHRONOUS   **VS**   **ASYNCHRONOUS**

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Overcoming Ineffective Video and Risk of Apathy?

Make it interactive!

43 Activities

H5P makes it easy to create interactive content by providing a range of content types for various needs.

Part 1: Planning and Designing Video Contents

Make use of available lecture notes

Screen recording tools

Bite-size video

Online presence (Voice or/and face of instructor)

Part 2: Development of Teaching and Learning Video

Screen Recording
(Screencast-o-matic,
PowerPoint Recording,
Quicktime, Camtasia)
Loom etc

Video Editing
(VideoScribe, Powtoon,
WeVideo)

Screencast-o-matic + Simple editing features

Source: UPM e-learning Guideline

Part 3: Publishing Your Own Video

- A default setting which allows everyone to see the video you post.

Public video

Unlisted video

YouTube

Private video

- Does not appear in the search results, suggestions or video tab.
- Can be shared with the people you wish to share and the users having a link to the video can see it.
- Can also be viewed by the friend of friends if they share the link with their friends.

- Does not appear in the recommendations, search options in YouTube or in your tab.
- Can be seen only by the uploader and the mentioned Google accounts.
- If your friend shares it with someone, it won't be visible to others.
- If anyone wishes to view a private video, the person has to request permission to view to the uploader.

Feature	Unlisted	Private	Public
Can I share video URL to friends?	Yes	No	Yes
Can I add video to YouTube channel?	Yes	No	Yes
Can I shows up video in YouTube platform?	No	No	Yes
Can I post video on my channel?	No	No	Yes
Can I leave a comment?	Yes	No	Yes
Can I see it in landing page?	Yes	No	Yes
Do People need an account to watch it?	No	No	Yes

Source: https://filmora.wondershare.com/youtube-video-editing/what-does-unlisted-mean-on-youtube.html?gclid=Cj0KCQjwjoH0BRD6ARIsAEWO9Dt3c4qaFTuUQI8yksMgUqgDyv2OrYaefnCE0WAjtz5UoNmPPWVw-TQaAku6EALw_wcB

Part 3: Publishing Your Own Video

- Other free video hosting sites: Vimeo, Facebook, etc
- Sharing alternative: Cloud storage – eg: Google Drive, One Drive

- Issue: **If it is viewable, it is downloadable**

Part 4: Utilizing H5P for Effective Teaching and Learning Videos

1. Interactive video

- Allowing users to add multiple choice and fill in the blank questions, pop-up text and other types of interactions to their videos using only a web browser

2. Quiz (Question set)

- Can be designed to facilitate learners' understanding on the published video
- Allows the learner to solve a sequence of various question types.
- You can combine many different question types like Multichoice, Drag and Drop and Fill in the blanks in a Question set.

Summary

1
- Synchronous vs Asynchronous
- Analyzing advantages and disadvantages
- Analyzing the learners' needs, issues/concerns (eg: Survey)

Types of e-Learning Activities

2
- Make use of available lecture notes
- Bite-size video
- Online presence (voice/face of lecturer)

Planning and Designing Video Contents

3
- Screen recording apps (eg: Screencast-o-matic, Loom, Powerpoint recording, Quicktime, ActivePresenter, video conference apps)
- Editing video – trim, split, combine (eg: Video Editor, Adobe Spark, ClipChamp, Blender, Lightworks)

Development of Teaching and Learning Video

4
- Video hosting website (eg: Youtube, Vimeo, Facebook etc)
- Visibility setting: Public, unlisted, private?

Publishing Your Own Video

5
- Overcoming the risk of apathy
- Making videos engaging and interactive
- Eg: Interactive video and Quiz (Question set)

Utilizing H5P for Effective Teaching and Learning Videos

Troubleshooting Link

How to Use Windows 10's Hidden Video Editor

THANK YOU