وزارة التعليم العالي والبحث العلمي
كلية المنصور الجامعة
دائرة تكنولوجيا المعلومات والاتصالات

دورة التدريب الاحترافي للتعليم الالكتروني
أستعداداً للعام الدراسي 2020 – 2021

المحاضرات الالكترونية التزامنية بأستخدام برامج

(Google Meet - Zoom)

د. محمـــــود شكر محمـــــــود

مدير دائرة تكنولوجيا المعلومات والاتصالات - كلية المنصور الجامعة

الترحيب وسيرة المدرب

الدكتور محمود شكر محمود
دكتوراه في هندسة الحاسبات
اختصاصي شبكات الحاسوب
مدير مركز تكنولوجيا المعلومات والاتصالات في كلية المنصور الجامعة
مدير اكاديمية سيسكو الاقليمية للشبكات (ASC/ITC)
عضو فريق وزارة التعليم العالي والبحث العلمي للتعلم الالكتروني
البريد الالكتروني: Mahmoud.shukur@muc.edu.iq

ستبدء محاضرتنا بعد قليل خلال هذا الوقت أتطلع لسماع رايكم بالسؤال التالي

سؤال

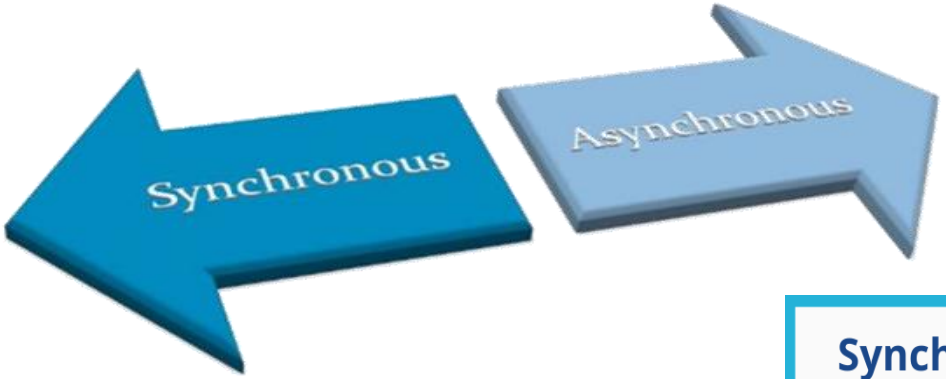
يرجى الإجابة بجملة واحدة في صندوق الدردشة

أيهماأفضل وأسهل في رايك لايصال المادة العلمية للطلبة؟

- ✓ المحاضرات الحضورية في القاعات الدراسية (وجه لوجه)
- ✓ المحاضرات المسجلة الكتروني(أفتراضياً)

لماذا؟؟!

Types of E-learning



✓ التعليم غير المتزامن
✓ التعليم المتزامن

Synchronous

Students learn at the same time.

Communication happens in real time.

Possibly more engaging and effective.

Allows for instant feedback and clarification.

Examples
Video conferencing, live chat, live streamed videos.

Asynchronous

Students learn at different times.

Communication is not live.

Possibly more convenient and flexible.

Allows students to work at their own pace.

Examples
Email, screencasts, Flipgrid videos, blog posts/comments.

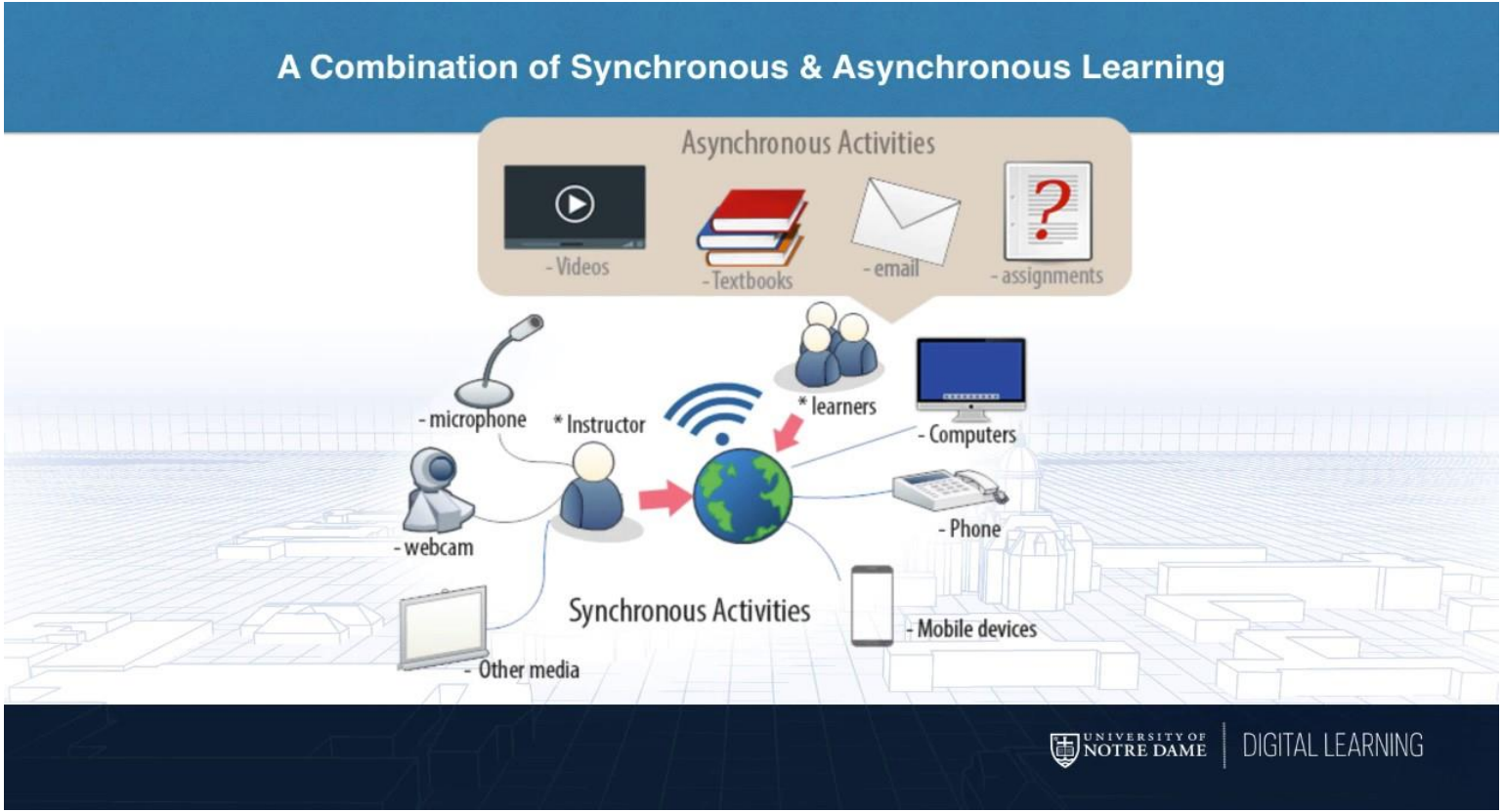
edublogs

الأعتماد على التعليم المتزامن بدء ينمو بشكل كبير في المؤسسات التعليمية لتحقيق هدف رئيسي التفاعل والتعاون بين الطالب والأستاذ بشكل مباشر

أطلقت عدة تسميات على التعليم المتزامن منها:

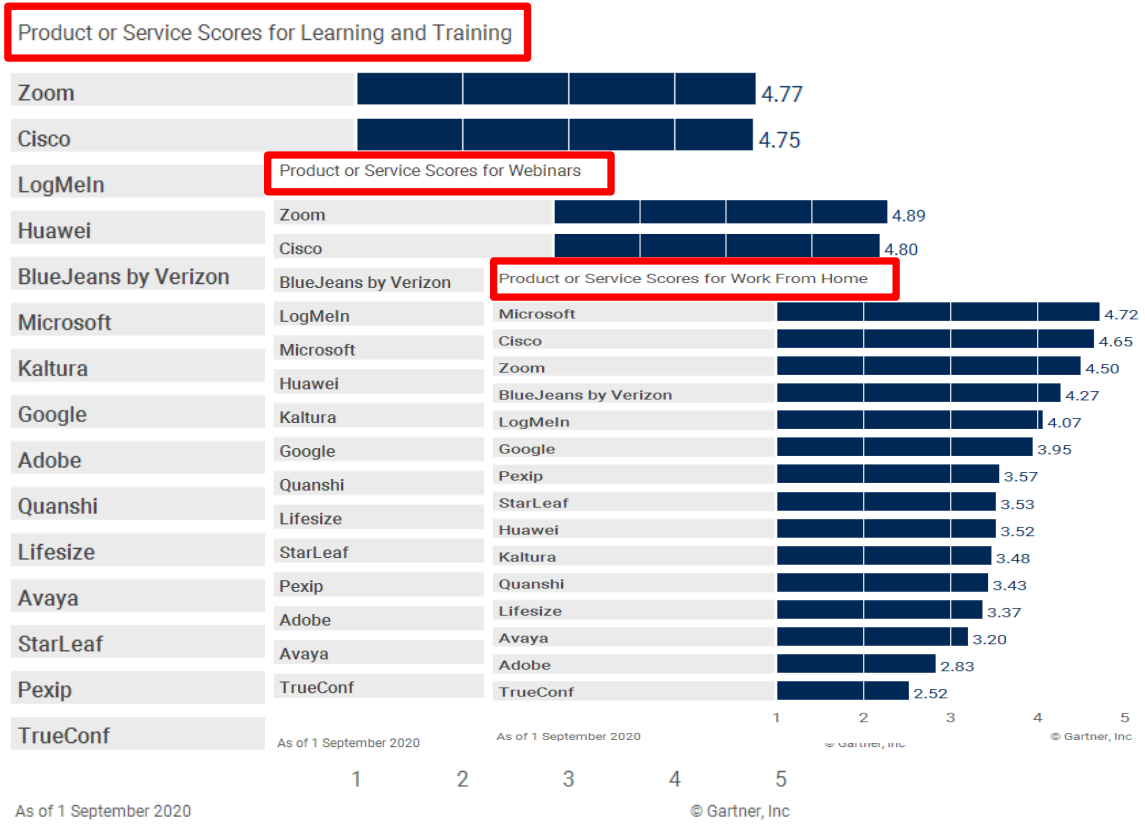
- virtual classroom
- Webcasting
- video-conferencing
- live e-Learning
- Webinars

تبرز الحاجة اليوم لما يعرف بالتعلم الهجين ضمن التعلم الالكتروني (Hybrid Learning) الذي يجمع بين التعليم المتزامن وغير المتزامن



Video Conferencing Platforms

How to Choose the Best Platform?



Source: Gartner (September 2020)

Tips and Tricks for Virtual Lessons #1

Choose Location	• Find a quiet location from which to join your session, and make sure you have access to a fast LAN connection or excellent Wi-Fi signal
Login Name	• Log in to every session using your full first and last name.
Joining Session	• Join a session a few minutes early to test your audio and video connections. You should also make sure you have the latest Zoom app downloaded (Zoom.us menu > Check for updates)
Headset	• Use a headset (or earbuds) instead of speakers and a microphone. The connection may sound fine to you, but speakers and a microphone generate too much static for others.
Mute Audio	• Mute your audio unless you are speaking (or in line to speak) so as to prevent unintentional background noise from disrupting the conversation.
Video Camera	• When video is enabled, speak to the camera (and not to the screen).

Tips and Tricks for Virtual Lessons #2

Introduce Platform	• For your first class, set aside some time to introduce your students to Zoom.
Give an agenda or plan for each class	• This gives students a clear idea of how the class will progress, what will be covered, and the activities they'll engage in.
Online Etiquette	• Discuss online etiquette and expectations of the students in your first virtual class.
Use the Whiteboard or Annotate	• Utilize the Whiteboard or Annotate a shared document and let your students engage as well.
Promote Questions	•Take time to promote questions, comments, and reactions from your class. Give a minute to allow your students to utilize reactions, write their questions in chat, or be unmuted to ask their questions live.
Breakout Room	•Divide into smaller groups for a discussion on a certain topic. You can use Zoom's Breakout Room feature to either pre-assign or auto-assign students into groups for a short period of time so they may discuss things together.

Google Hangout Meet

Google Meet access requirements

- A G Suite administrator needs to turn on Meet for your organization
- To create a video meeting, you need to be signed in to a G Suite account.
- To join a video meeting, you need the Meet mobile app or a supported web browser. You do not need a G Suite account.
- Anyone inside or outside of your organization can join by selecting the link or entering the meeting ID. Uninvited guests outside of your organization must be approved by a meeting participant in your organization, including users who aren’t signed in to a G Suite account.

Poll #1

After COVID-19 Google Meet enabled in Gsuite for education the maximum number of participants allowed in one session:

A. 100

B. 150

C. 250

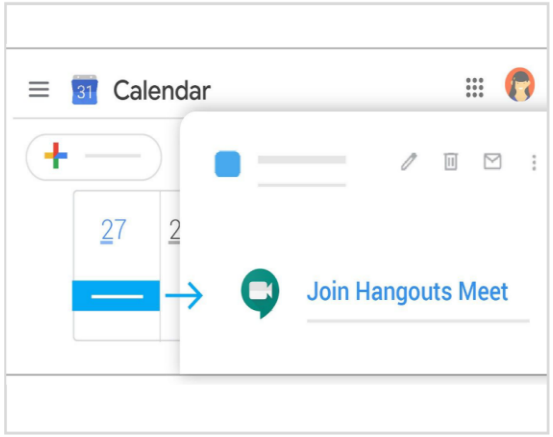
D. 500

Join a Video Meeting

2. Ask participants to join your video meeting.

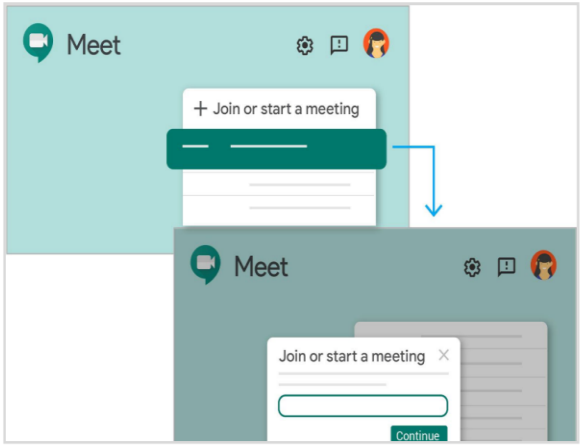
From Calendar:

Click the event, then click **Join Hangouts Meet**.



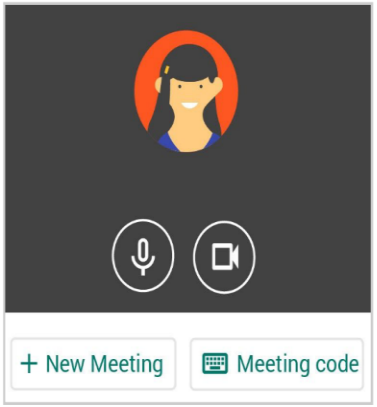
From Meet:

Join a scheduled meeting or use a meeting code.

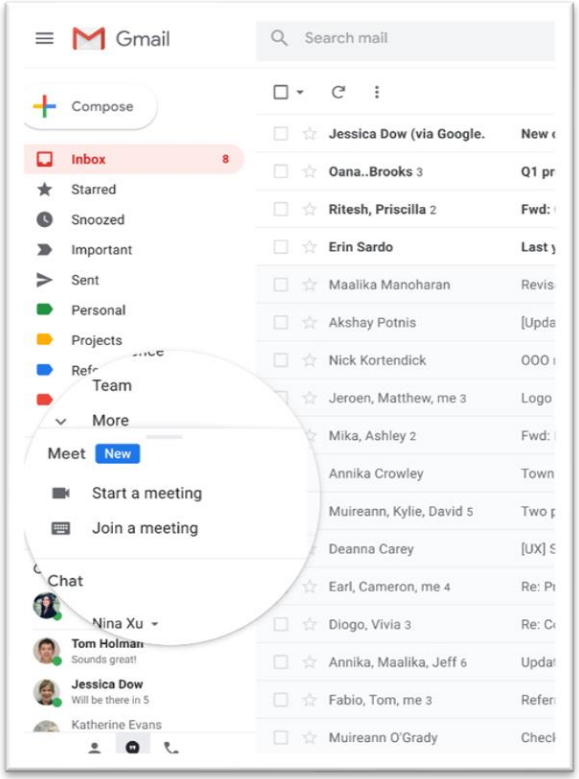


From mobile devices:

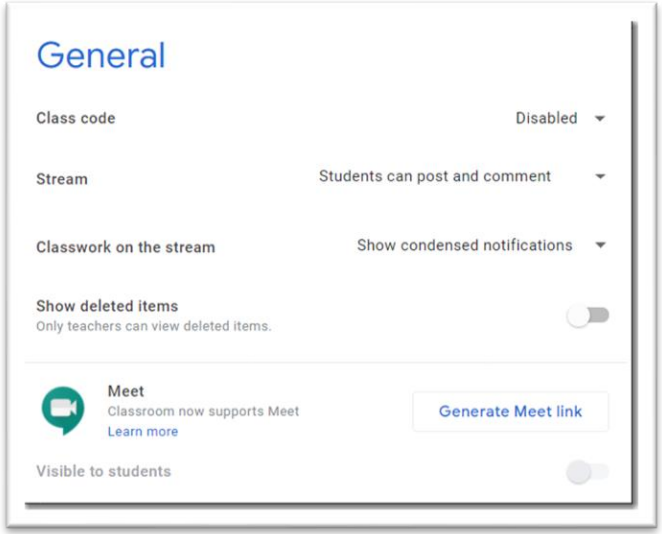
Open the Meet app on Android or Apple® iOS® devices.

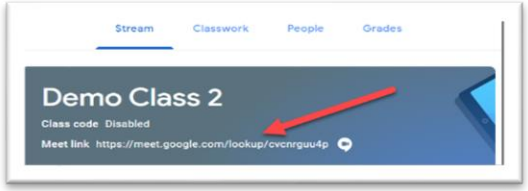


Integrating Google Meet Within Different Environments

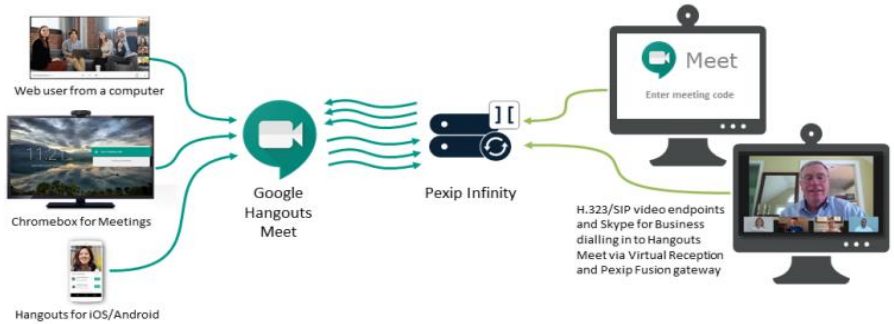


Integrating Meet With Gmail





Integrating Meet With Google Classroom



Integrating Meet With 3rd Party system Pexip infinity

Poll #2

Google Meet Link can be activated in both official and personal google classrooms

A. True

B. False

C. I do not know

Meet.google.com

Google Meet

Premium video meetings. Now free for everyone.

Get a meeting link to share

Start an instant meeting

Schedule in Google Calendar

built for secure
make it free and

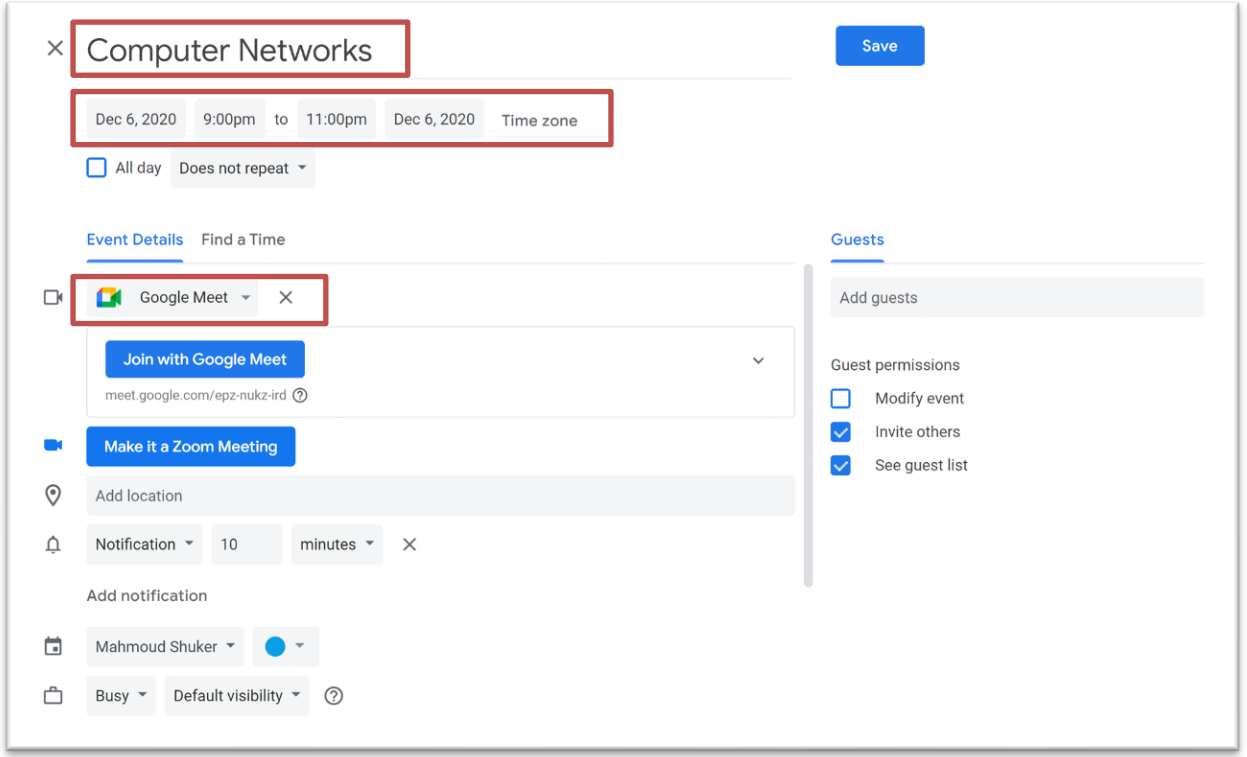
New meeting

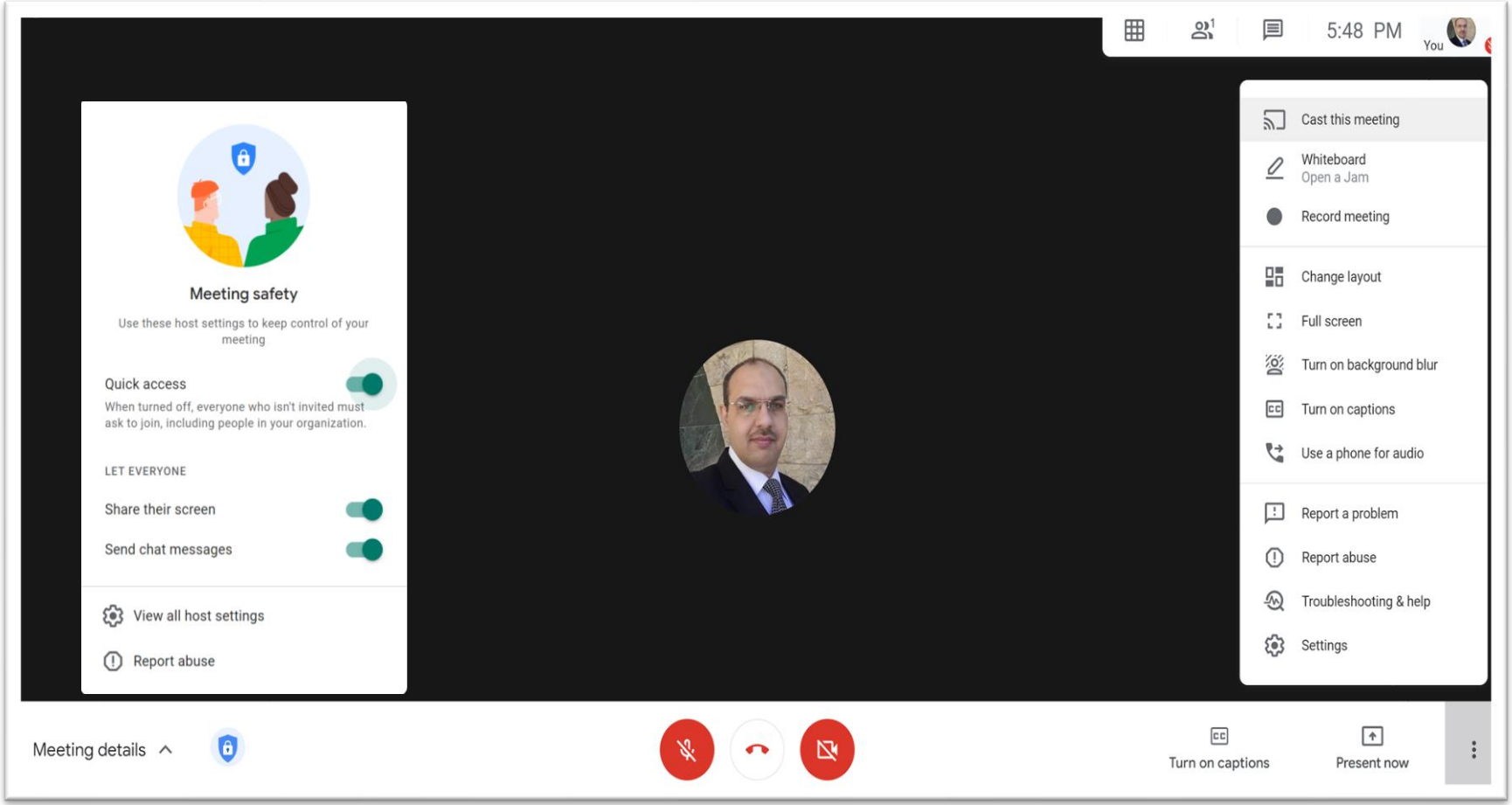
Enter a code or link

Learn more about Google Meet

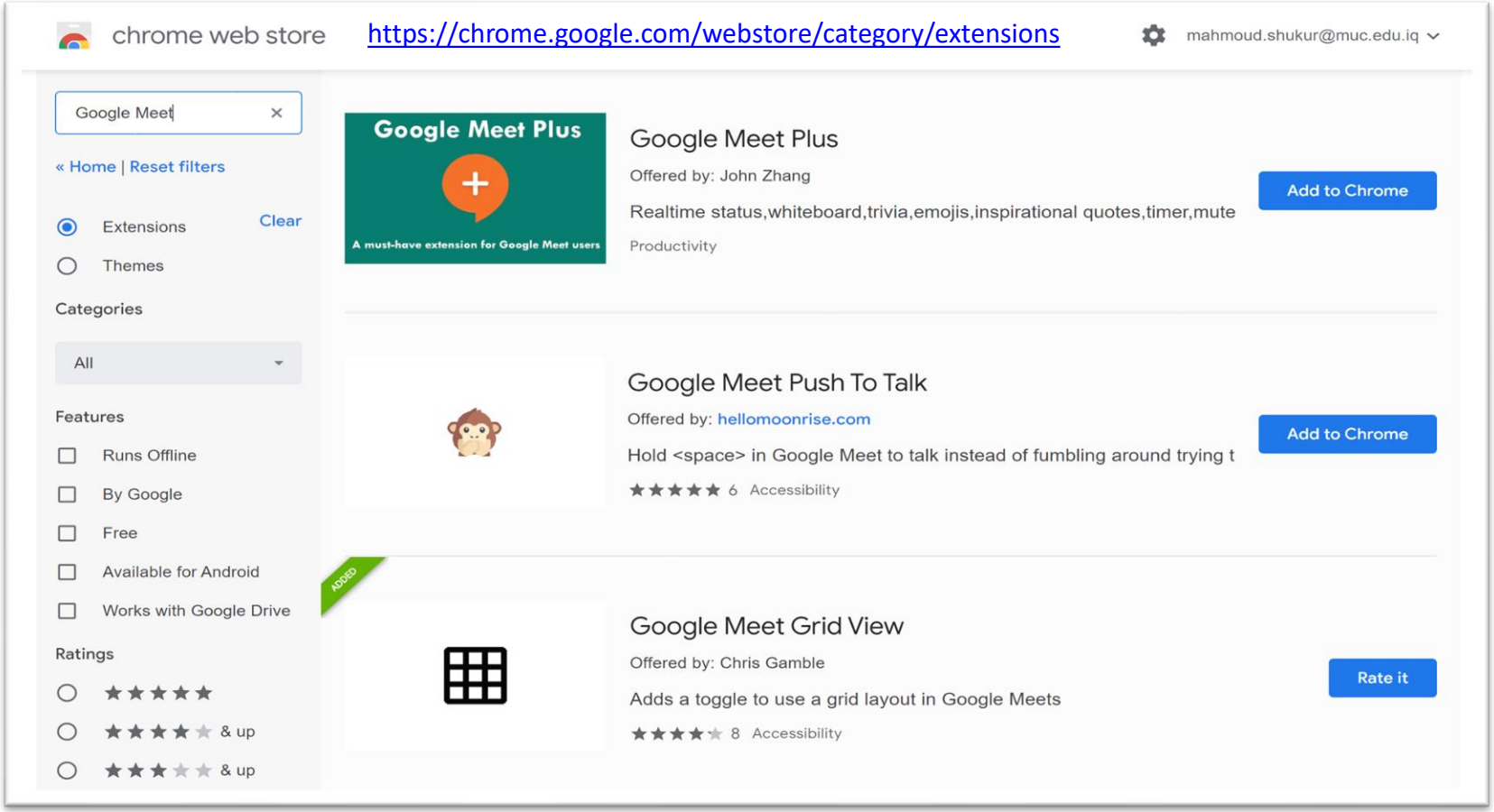
Schedule Google Meeting using Google Calendar

Using Google Calendar

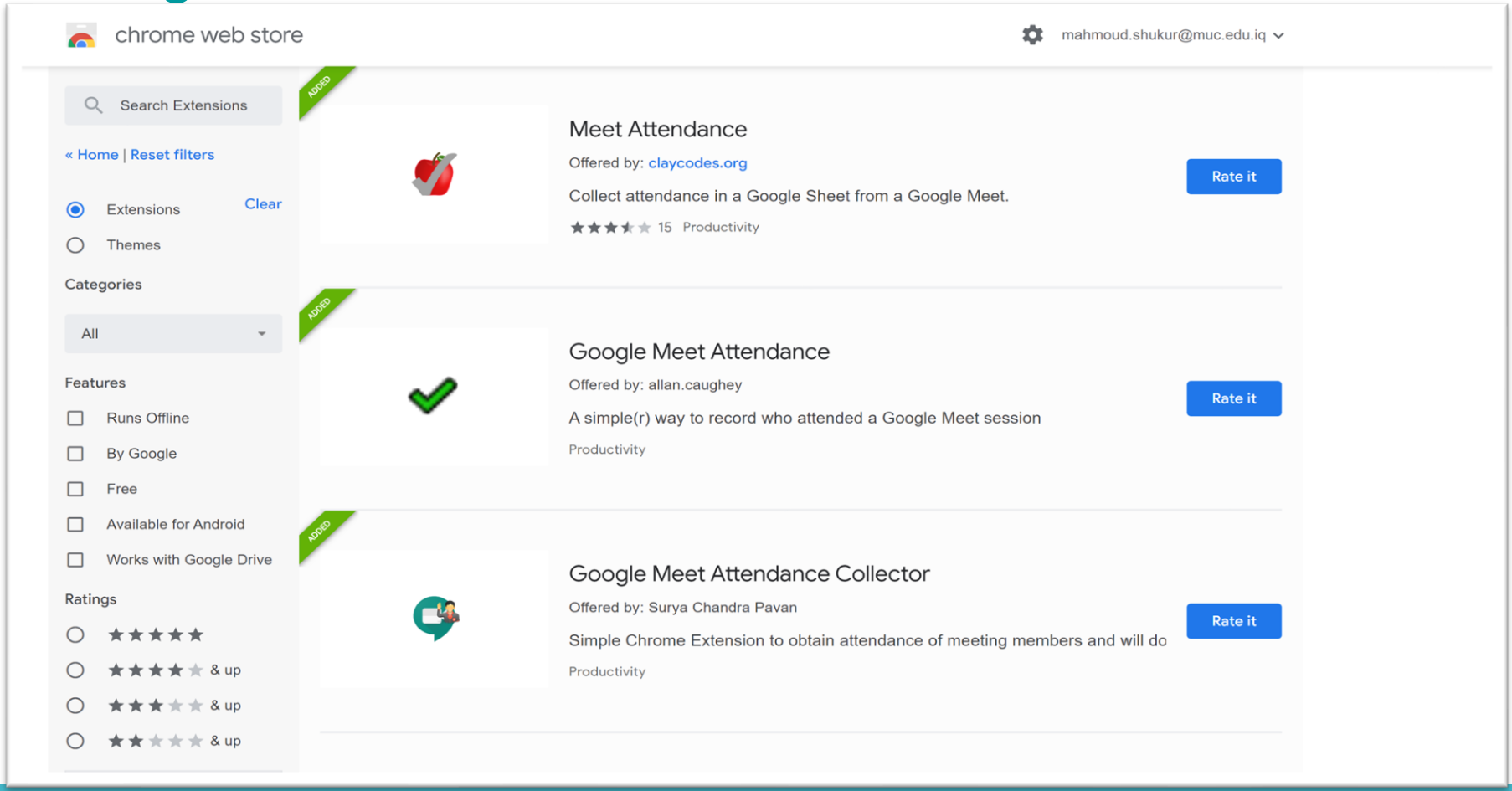



5:48 PM
You
Cast this meeting
Whiteboard
Open a Jam
Record meeting
Change layout
Full screen
Turn on background blur
Turn on captions
Use a phone for audio
Report a problem
Report abuse
Troubleshooting & help
Settings
Meeting safety
Use these host settings to keep control of your meeting
Quick access
When turned off, everyone who isn't invited must ask to join, including people in your organization.
LET EVERYONE
Share their screen
Send chat messages
View all host settings
Report abuse
Meeting details
Turn on captions
Present now

Google Meet Chrome Extensions



Google Meet Attendance Extension



Poll #3

What extensions have you used within your browser to support e-Learning?

A- Meet Attendance

B- Meet Grid View

C- Loom for Video recording

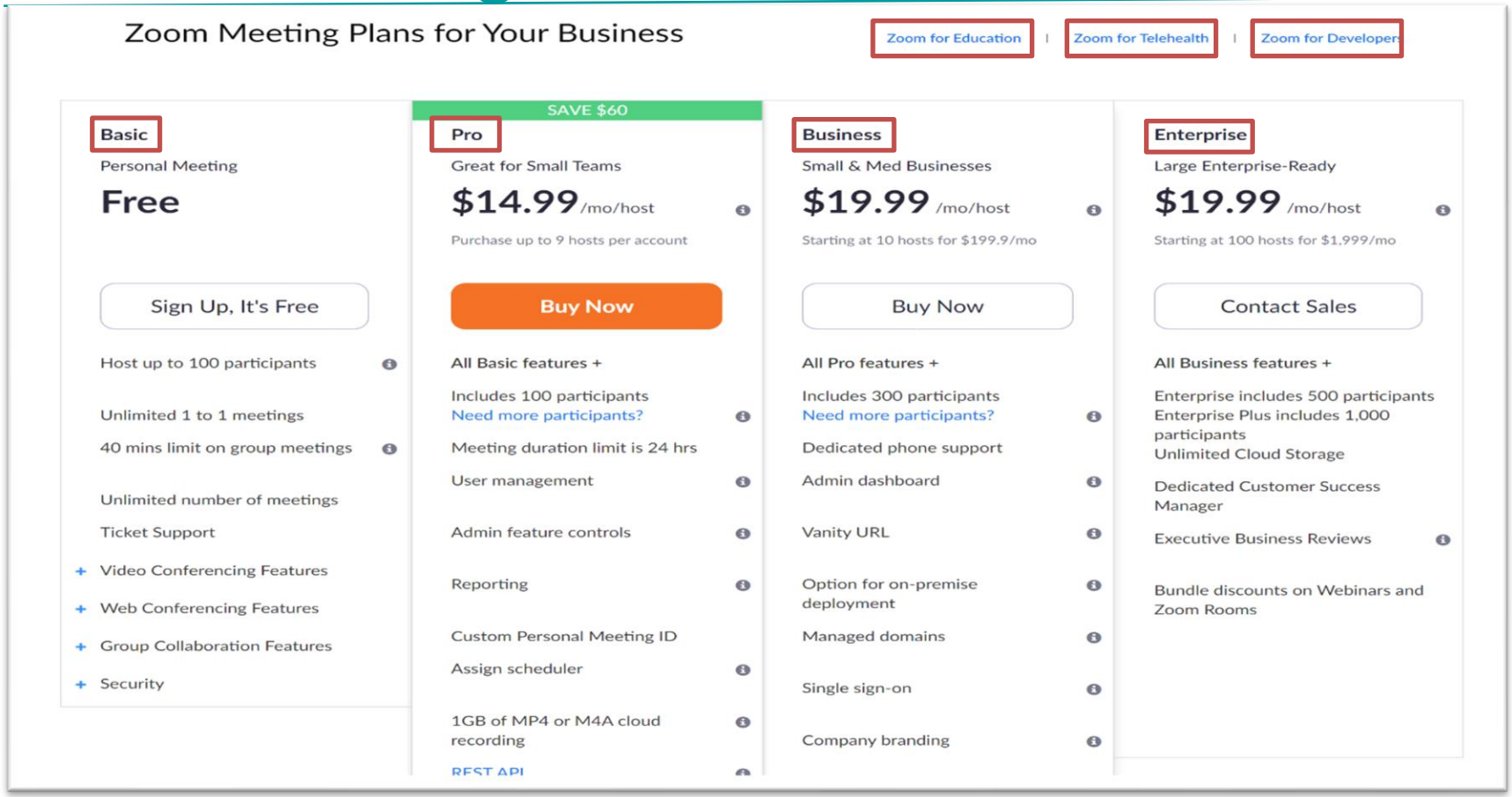
D- None yet

What is ZOOM ?

Zoom is the video conferencing tool you will use in conjunction with your class to meet online with your students for the purpose of synchronous e-Learning

I will teach you in a room.
I will teach you now on Zoom.
I will teach you in your house.
I will teach you with a mouse.
I will teach you here and there.
I will teach you because I care.
So just do your very best.
And do not worry about the rest.

Zoom Pricing Plans



ZOOM Video Conferencing Pricing Plan

Zoom Pro Plan	Monthly Subscribtion	Yearly Subscribtion
1- Host (100 - user)	14.99 $	149.9 $

Zoom Bussiness Plan	Monthly Subscribtion	Yearly Subscribtion
10 - Host (300 - user)	199.9 $	1999 $

Zoom for Eduation Plan	Monthly Subscribtion	Yearly Subscribtion
20 - Host (300 - user)	-	1800 $

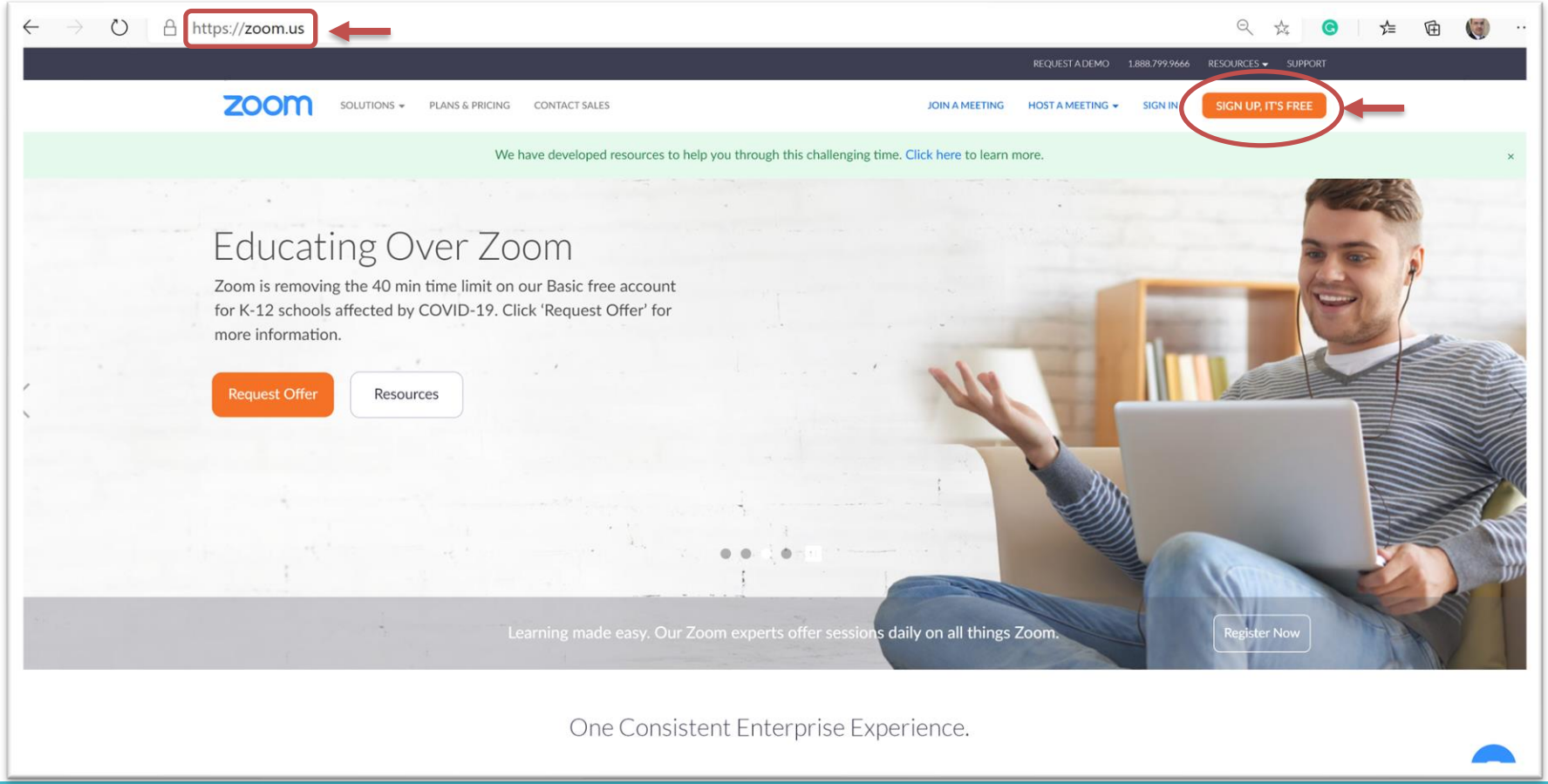
Webinar		
Max. users	Monthly Subs.	Yearly Subs.
500	140	1400
1000	340	3400
3000	990	9900

OR

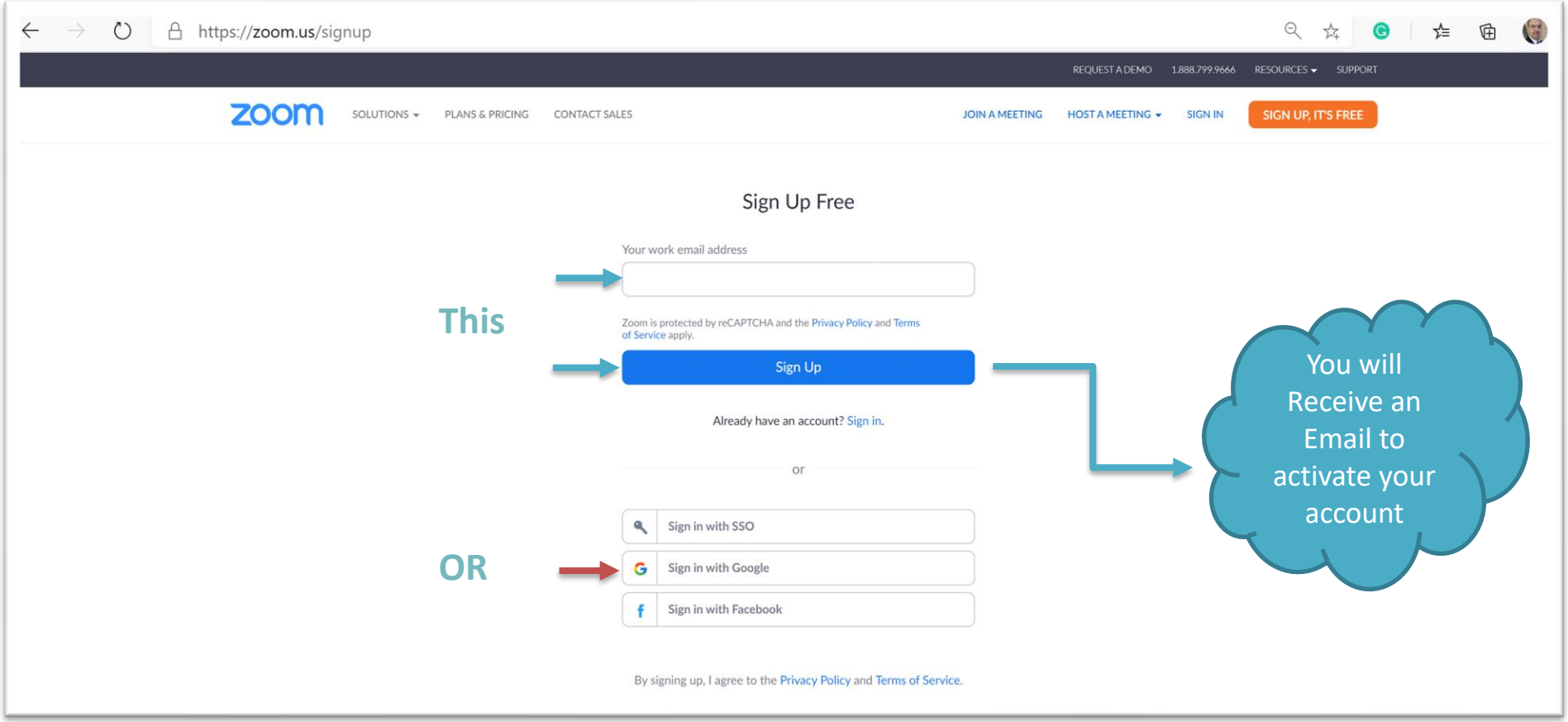
Large Meeting		
Max. users	Monthly Subs.	Yearly Subs.
500	50	600
1000	90	1080

* Unlimited Time
* Multiple hosts permits multiple sessions to be held synchronousl

Getting Starting with Zoom

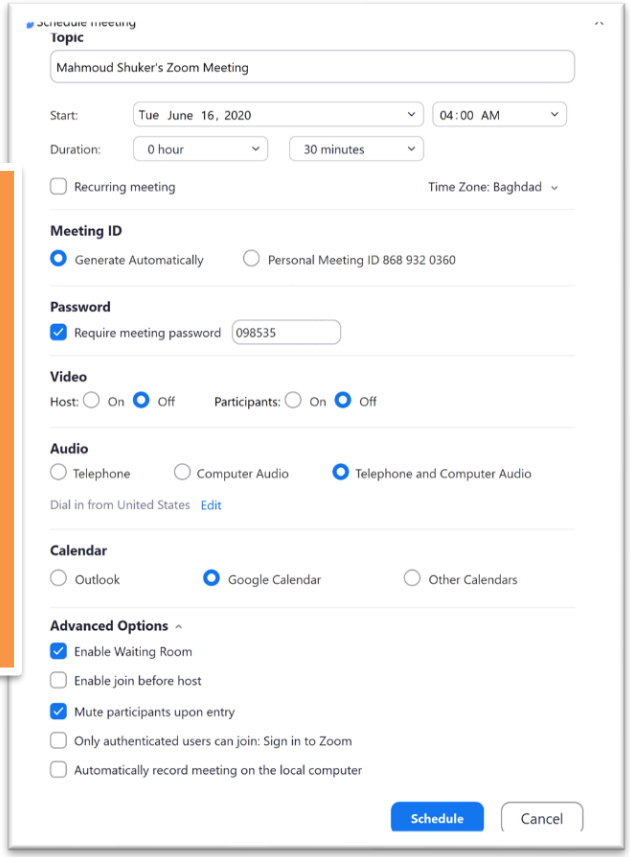


Getting Starting with Zoom (Cont..)

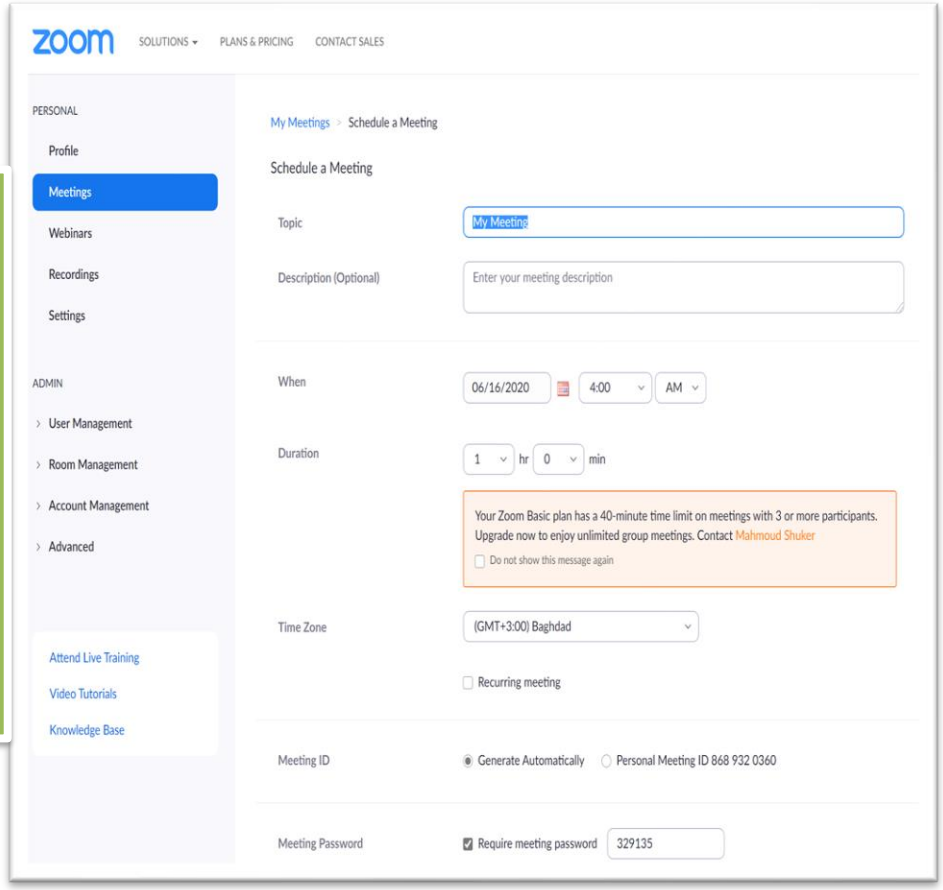


Schedule Zoom Meeting

Using Zoom Client

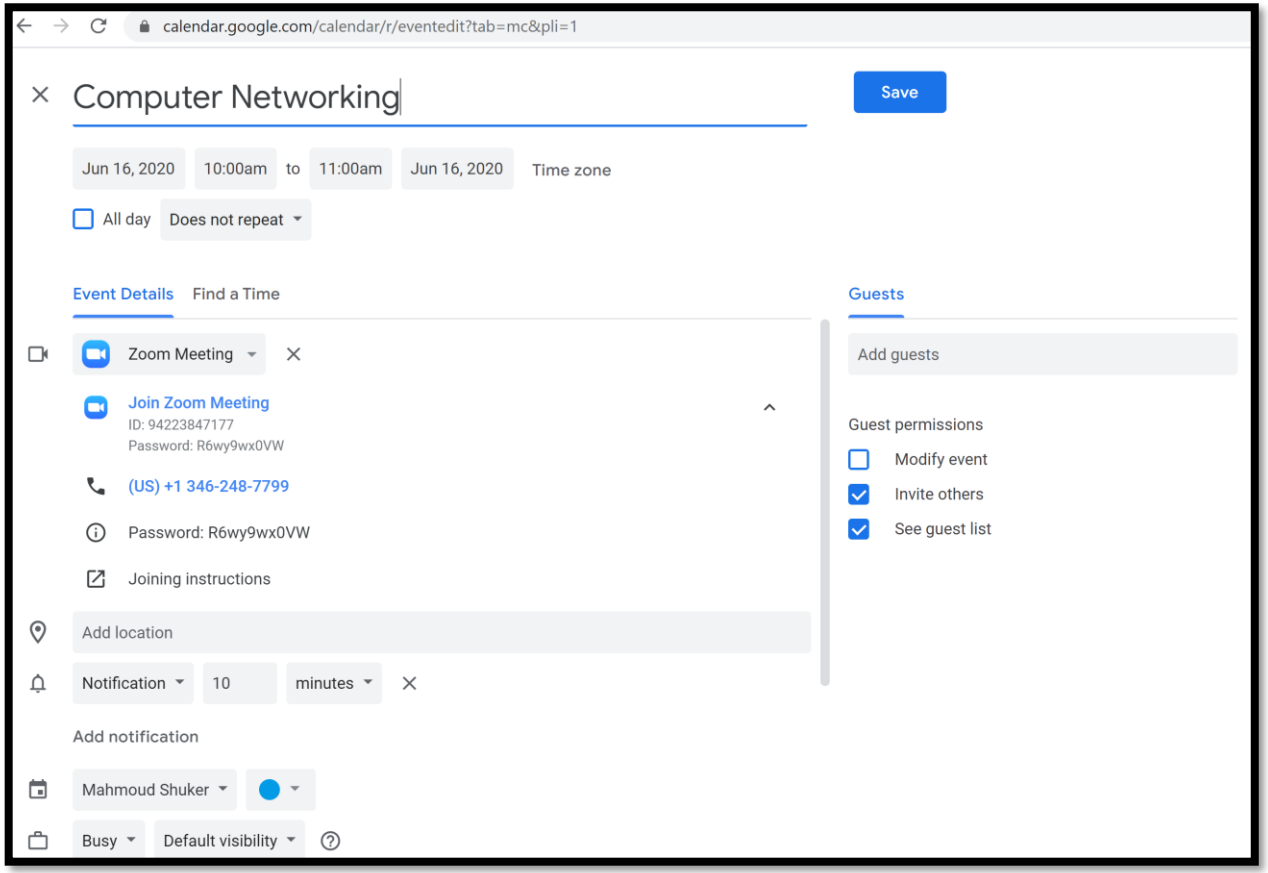


Using Zoom Website

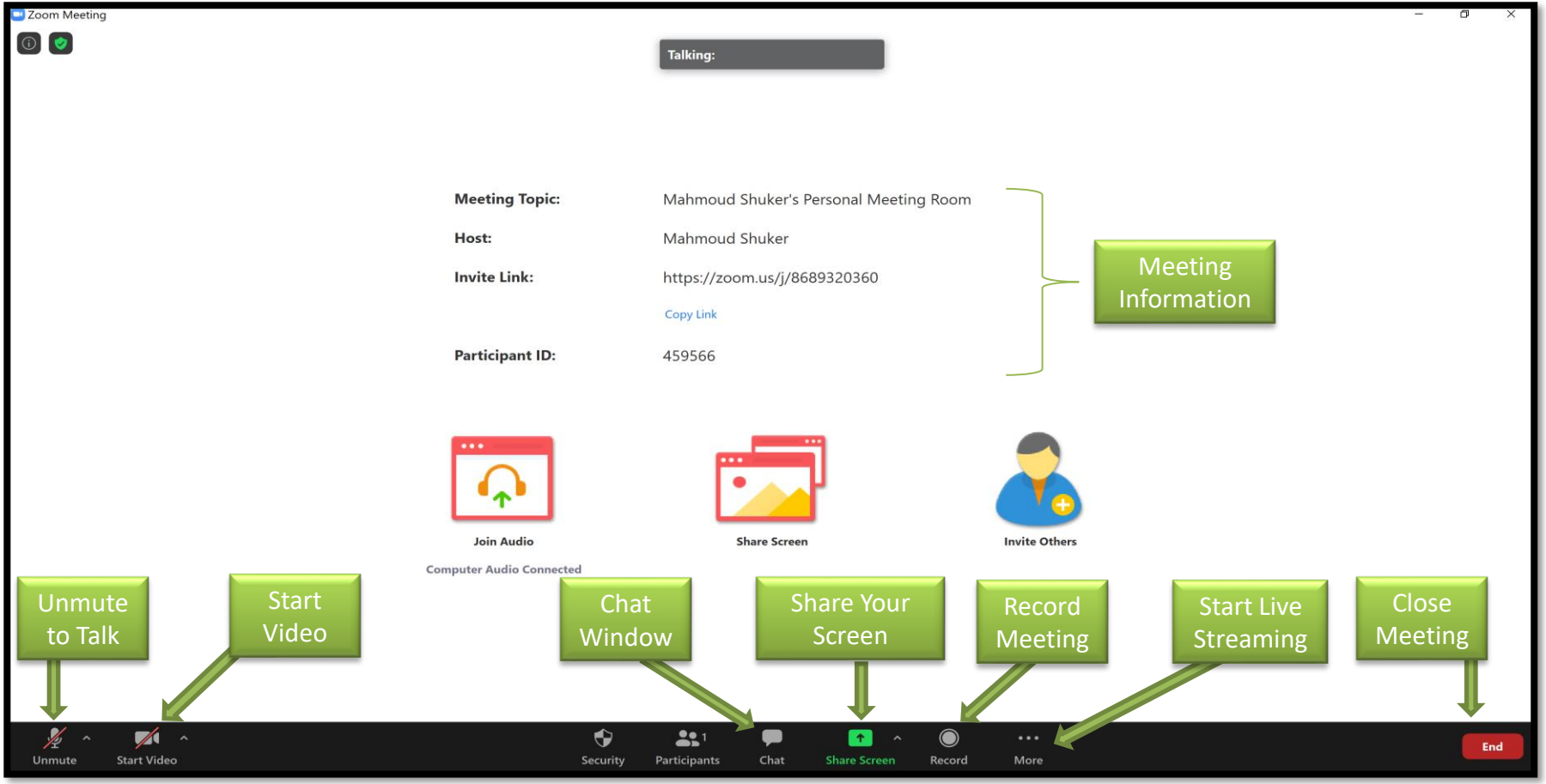


Schedule Zoom Meeting (Cont..)

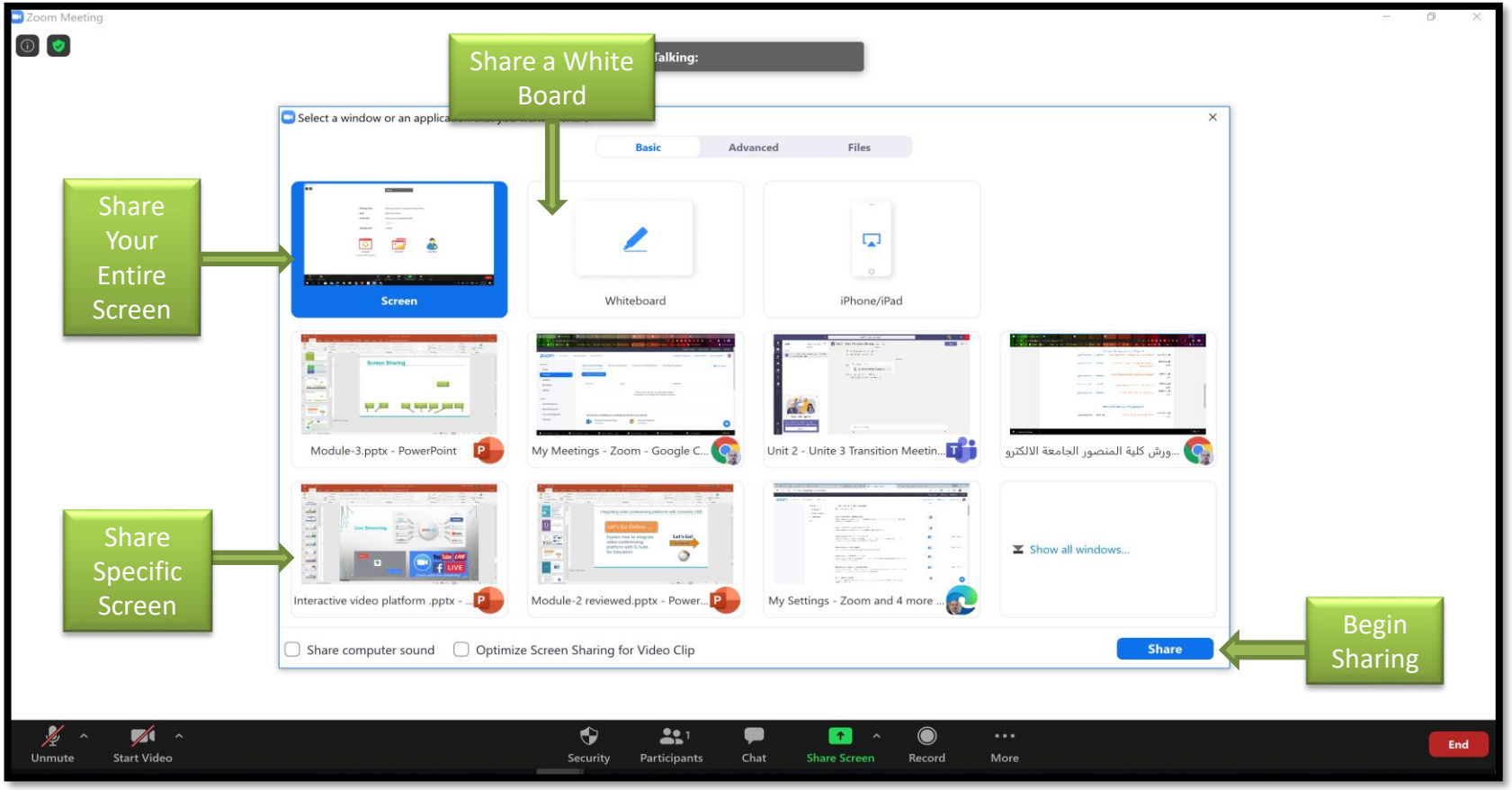
Using Google Calendar



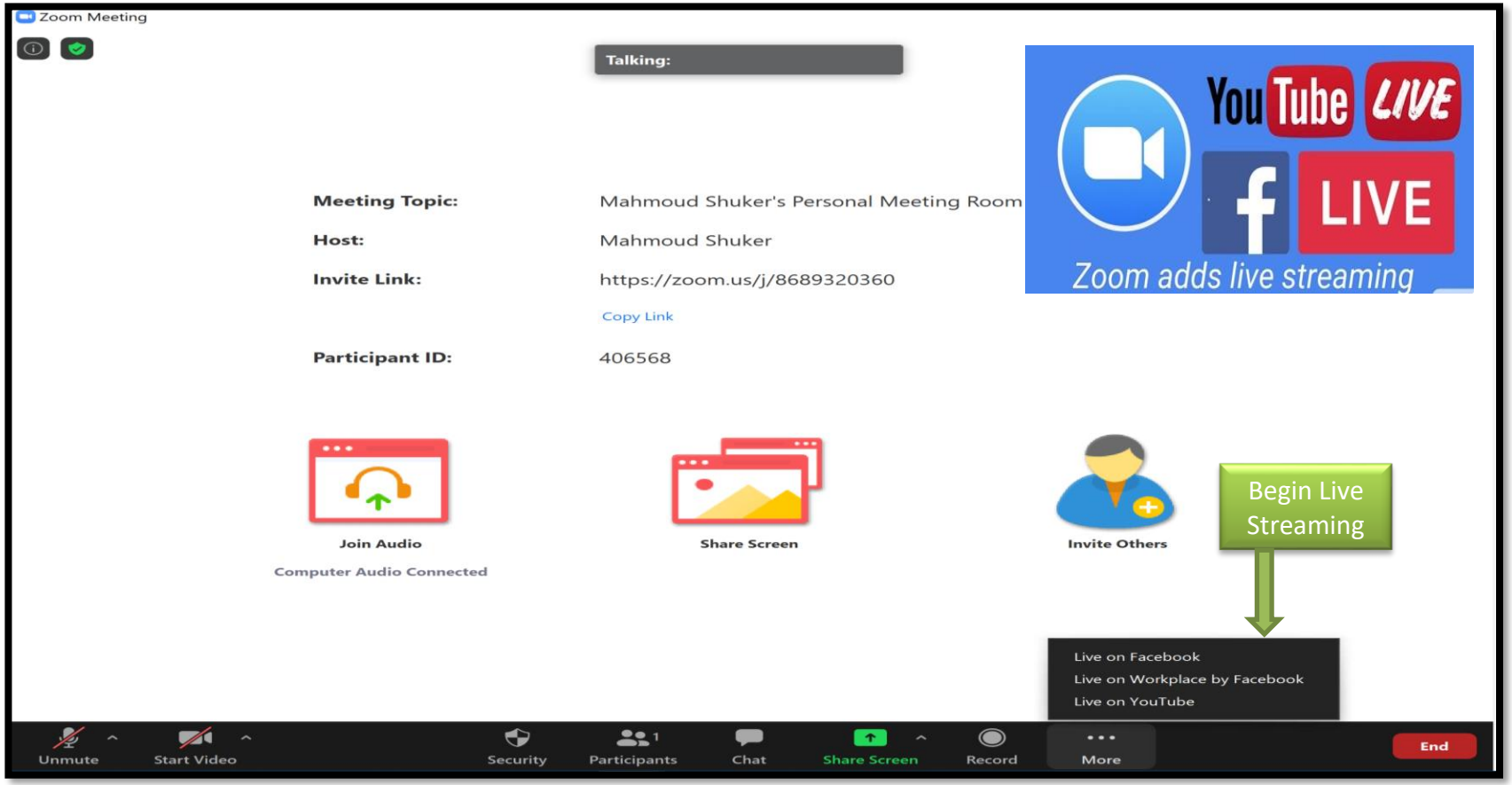
Start Zoom Meeting



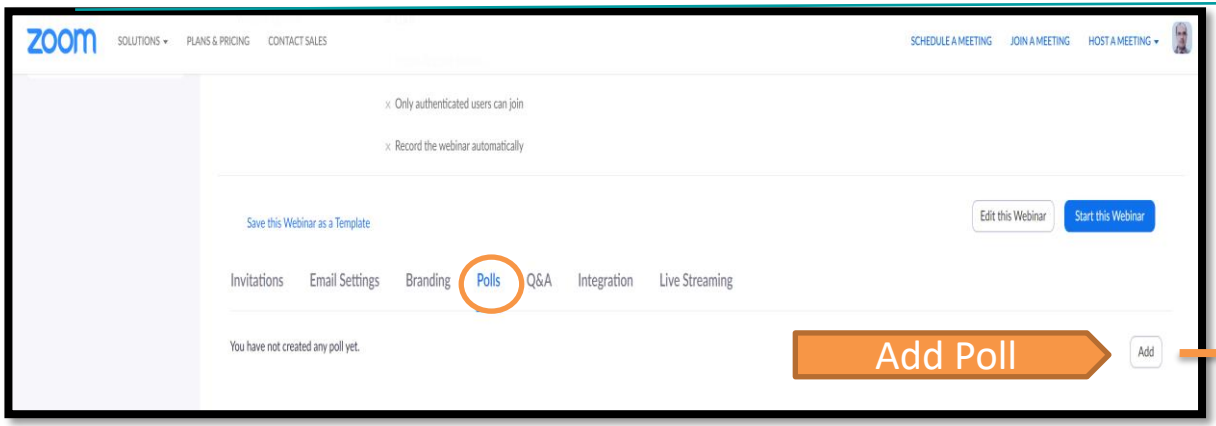
Screen Sharing

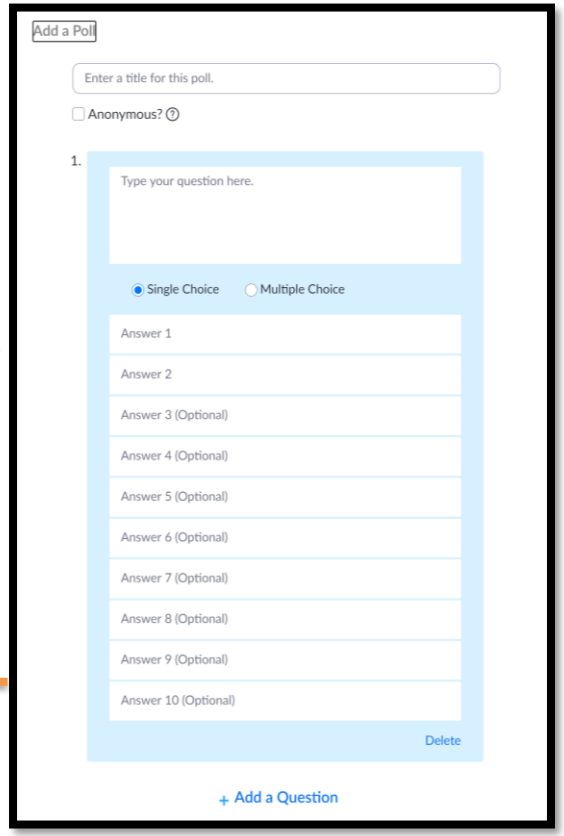


Zoom Live Streaming



Add Poll to Zoom





Poll #4

After this Lecture do you think you will use synchronous e-learning platform for teaching and interaction with your students?

A- I’m already use it

B- I will use in the new academic year

C- I’m not sure to use it

D- I can’t use it

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