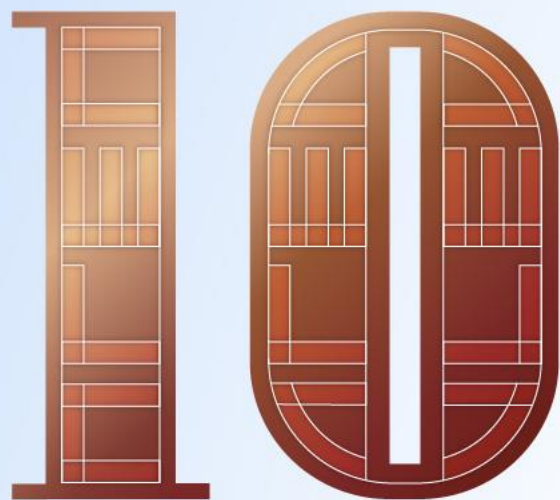




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CWLCs 10th Anniversary Ceremony &
Hybrid Teaching and Learning Conference



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CWLCs 10th Anniversary Ceremony

Hybrid Teaching and Learning Conference

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Information Technology Services

The University of Hong Kong

Moodle and Teams Integration to elevate blended learning to new heights

May 30, 2023

CP Lau

Overview

1. Moodle, MS Teams and the integration
2. Generative AI nowadays
3. Relationship of AI and human
4. Use cases of short video elaboration on MS Teams

Moodle and Teams integration

Moodle



- An open source Learning Management System (LMS)
- The centralized LMS in HKU since 2011
- Over 5000 active Moodle courses in 2022/23



Microsoft Teams

- An all-in-one app for group communication and collaboration
 - Online meeting
 - Collaboration
 - Chatting
 - Voice calling
- Can record meeting and upload video to the file store (i.e. SharePoint folder) of a team site

Moodle Teams Integration

Purposes:

Leverage the power of Moodle and Teams for teaching and learning

- Moodle for course delivery
- Teams for group collaboration, communication and online classes

Enable teachers to use Teams easily

Explore different opportunities of teaching and learning activities by teachers and students

Moodle Teams Integration

Design:

1) Teachers of current year Moodle courses can activate this integration

- Moodle course code as the team site name

2) Synchronize Moodle course enrollments into the team site

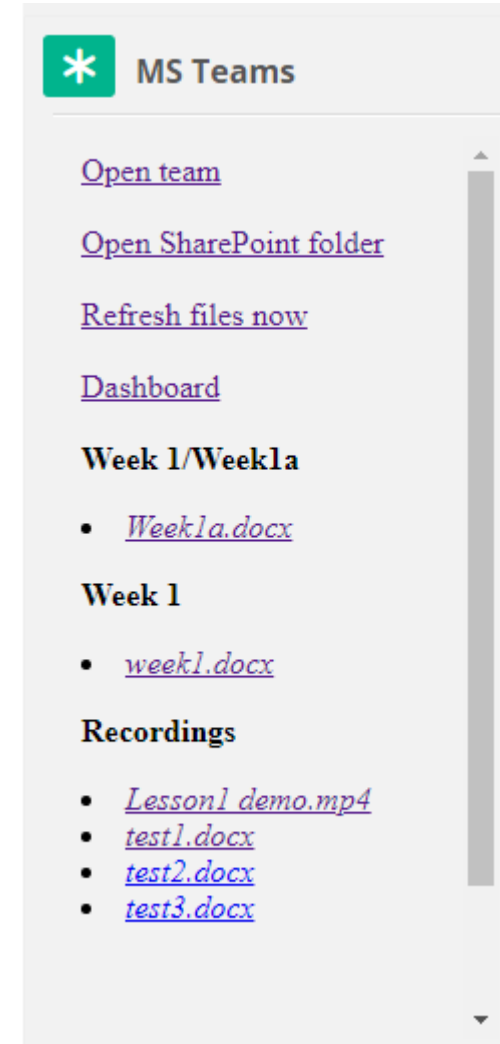
- Teacher (owner)
- Teaching assistant (owner)
- Departmental administrators (owner)
- Guest teacher (owner)
- Students (guest)
- Guest students (guest)

Moodle Teams Integration

Design:

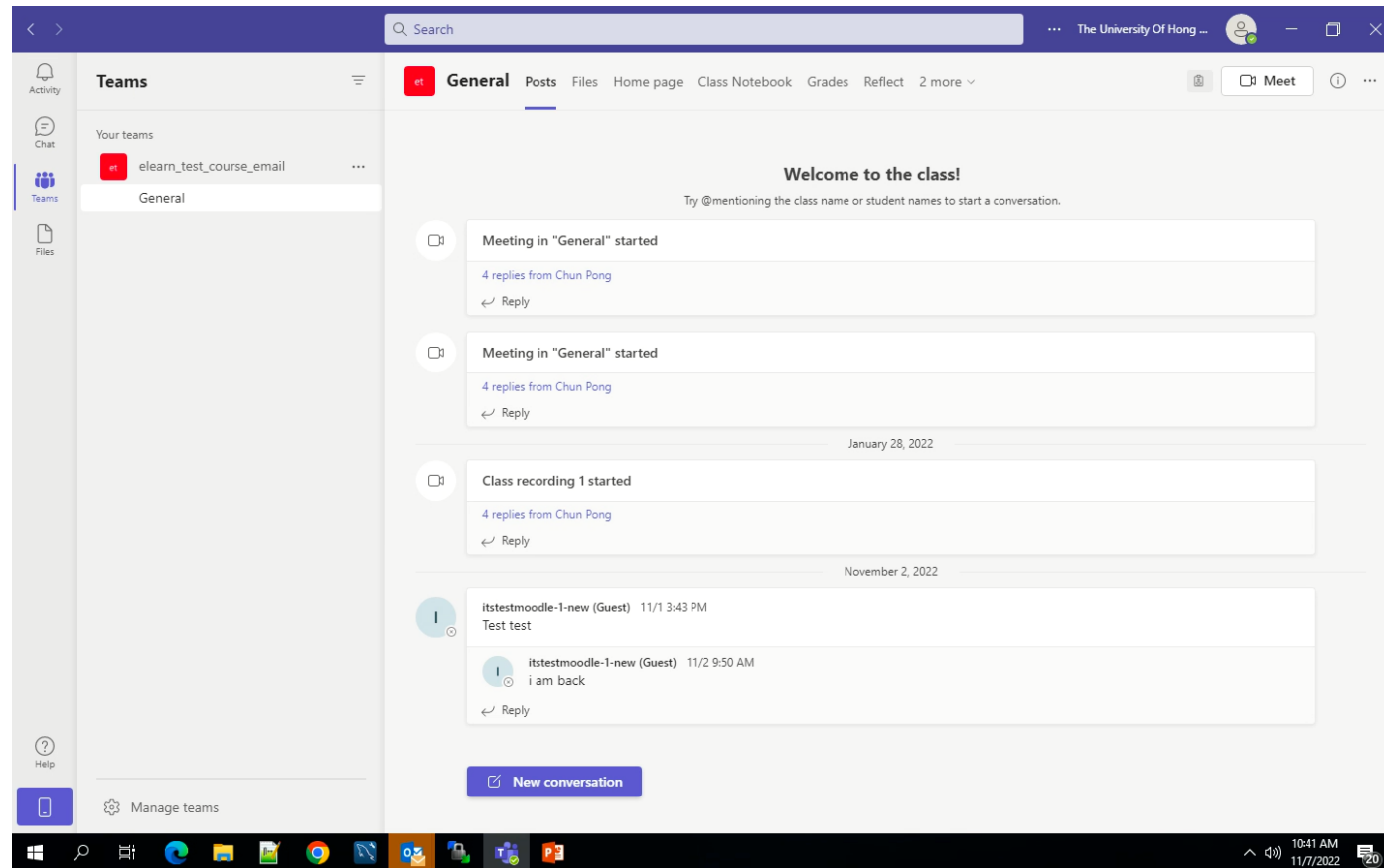
3) A Moodle Teams block

- Open team site
- Open SharePoint folder
- Dashboard
- File list under “Recordings” folder
- Refresh file list



Moodle Teams Integration

Moodle Team site



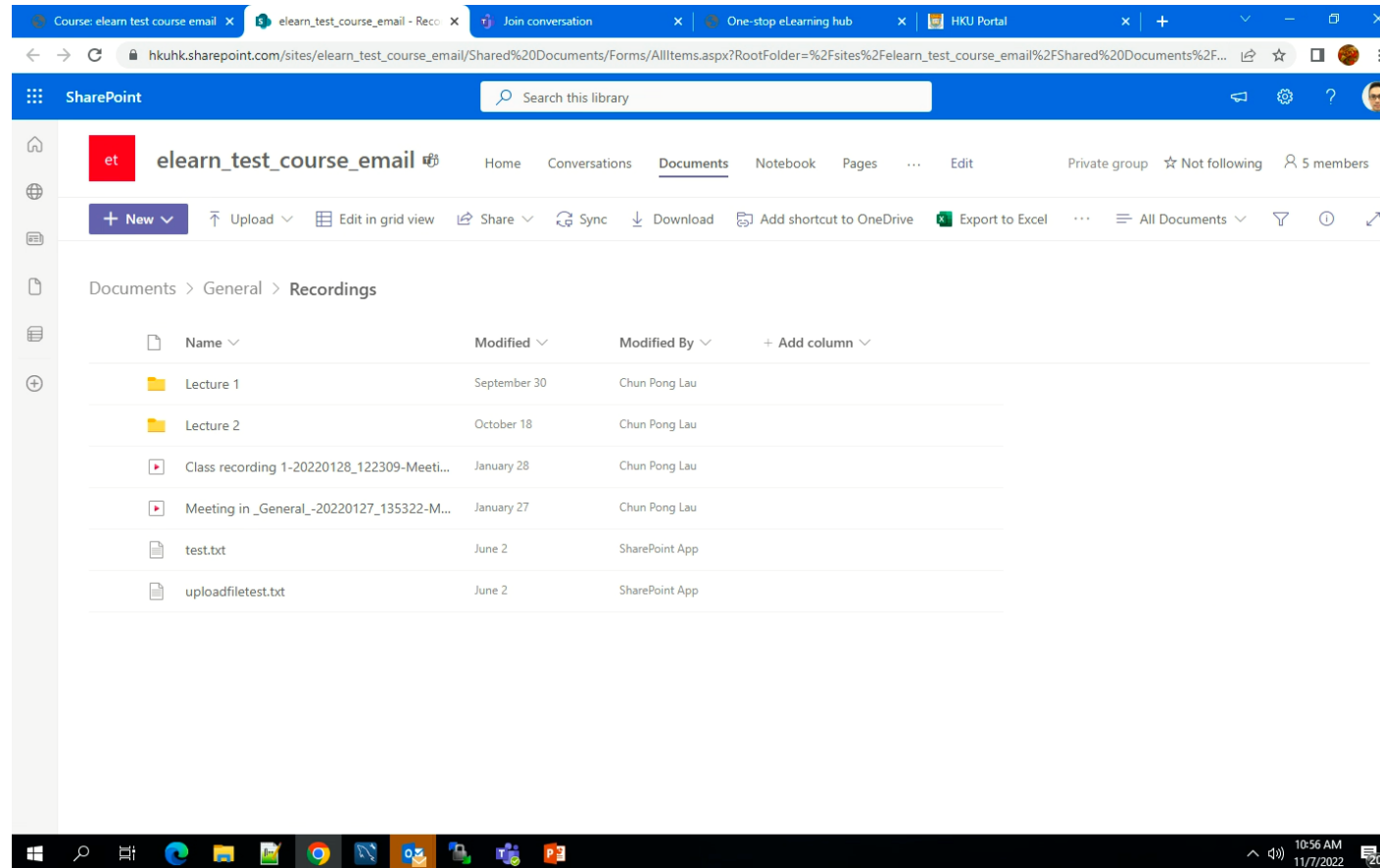
The screenshot shows a Microsoft Teams chat window for a Moodle course. The window title is "The University Of Hong ...". The chat is in a "General" channel. The chat history shows several messages:

- Meeting in "General" started**
4 replies from Chun Pong
Reply
- Meeting in "General" started**
4 replies from Chun Pong
Reply
- Class recording 1 started**
4 replies from Chun Pong
Reply
- itstestmoodle-1-new (Guest) 11/1 3:43 PM**
Test test
- itstestmoodle-1-new (Guest) 11/2 9:50 AM**
i am back
Reply

At the bottom of the chat, there is a "New conversation" button. The Windows taskbar is visible at the bottom of the screen, showing the time as 10:41 AM on 11/7/2022.

Moodle Teams Integration

SharePoint folder

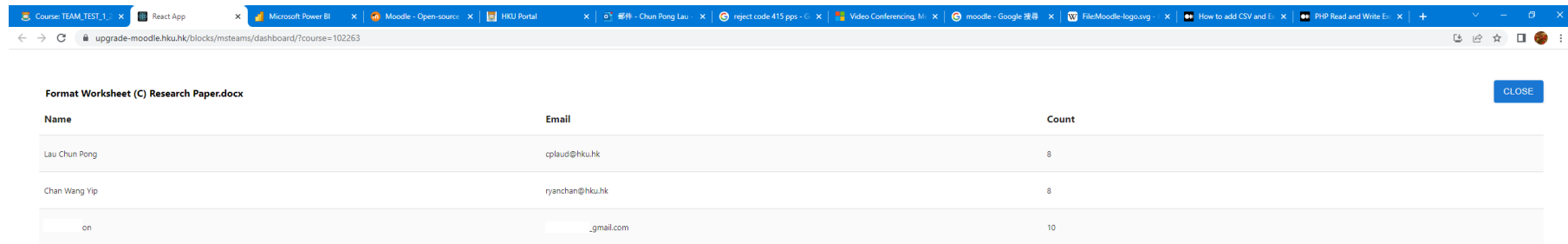


The screenshot displays a SharePoint web interface for a folder named 'elearn_test_course_email'. The breadcrumb path is 'Documents > General > Recordings'. The interface includes a search bar, navigation tabs (Home, Conversations, Documents, Notebook, Pages, Edit), and a toolbar with options like 'New', 'Upload', 'Share', 'Sync', 'Download', 'Add shortcut to OneDrive', and 'Export to Excel'. A table lists the contents of the 'Recordings' folder:

Name	Modified	Modified By	+ Add column
Lecture 1	September 30	Chun Pong Lau	
Lecture 2	October 18	Chun Pong Lau	
Class recording 1-20220128_122309-Meeti...	January 28	Chun Pong Lau	
Meeting in _General_20220127_135322-M...	January 27	Chun Pong Lau	
test.txt	June 2	SharePoint App	
uploadfiletest.txt	June 2	SharePoint App	

The Windows taskbar at the bottom shows the time as 10:56 AM on 11/7/2022.

Dashboard



The screenshot shows a web browser window with multiple tabs. The active tab is a Moodle dashboard for a course. The page title is "Format Worksheet (C) Research Paper.docx". A table displays the following data:

Name	Email	Count
Lau Chun Pong	cplaud@hku.hk	8
Chan Wang Yip	ryanchan@hku.hk	8
on	_gmail.com	10

A "CLOSE" button is visible in the top right corner of the table area.

Moodle Teams Integration

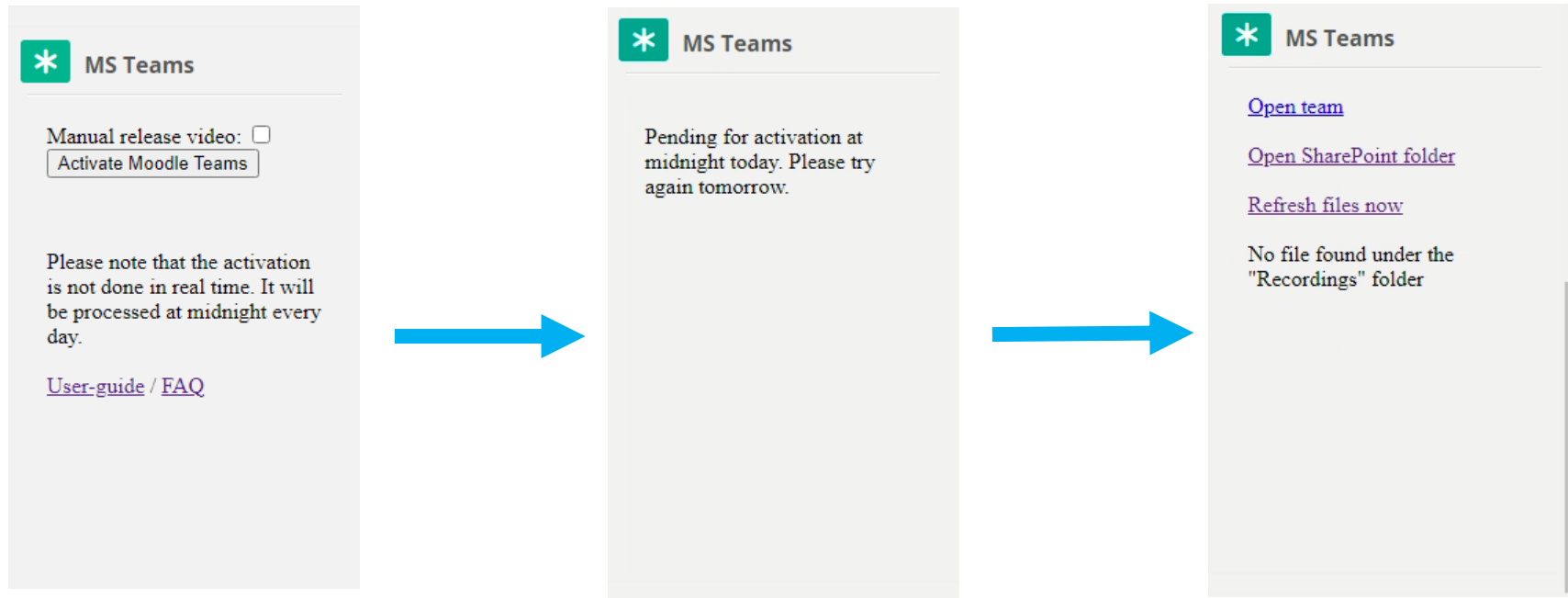
Design:

4) Video release control

- The “Recordings” folder is readable by default
 - Make the “Recordings” folder hidden to students
 - Teachers move the files to another designated folder
 - Moodle Teams block displays the files under this designated folder

Moodle Teams Integration

Flow to activate the Moodle Teams integration by teachers:



Generative AI nowadays

Generative AI nowadays

ChatGPT version 4 (by OpenAI)

Google I/O 2023

- Bard – generative chatbot
- Codyey – code generation
- Imagen – text to image
- Chirp – native language speech to customers

And many others, e.g.

百度 - 「文心一言」

阿里巴巴 - 「通義千問」

Challenge – Online fraud cases

To fake a football match result, how can we do it?

30 years ago

- By a group of professionals
- With specific equipment
- With noticeable flaws

With AI

- Individual can do it with AI tools
- No obvious flaws or even perfect

Challenge – Online fraud cases

A movie 30 years ago



Challenge – Online fraud cases

Final match in FIFA world cup 2022



Challenge – Online fraud cases

AI produces the fake result of the goal



Stay alert in an era of AI

We cannot just trust any articles, images, audio and video found on the Internet.

We need to stay alert.

We need to go through a serious judgement process with our critical thinking.

Relationship of AI and Human

How should we Position ourselves

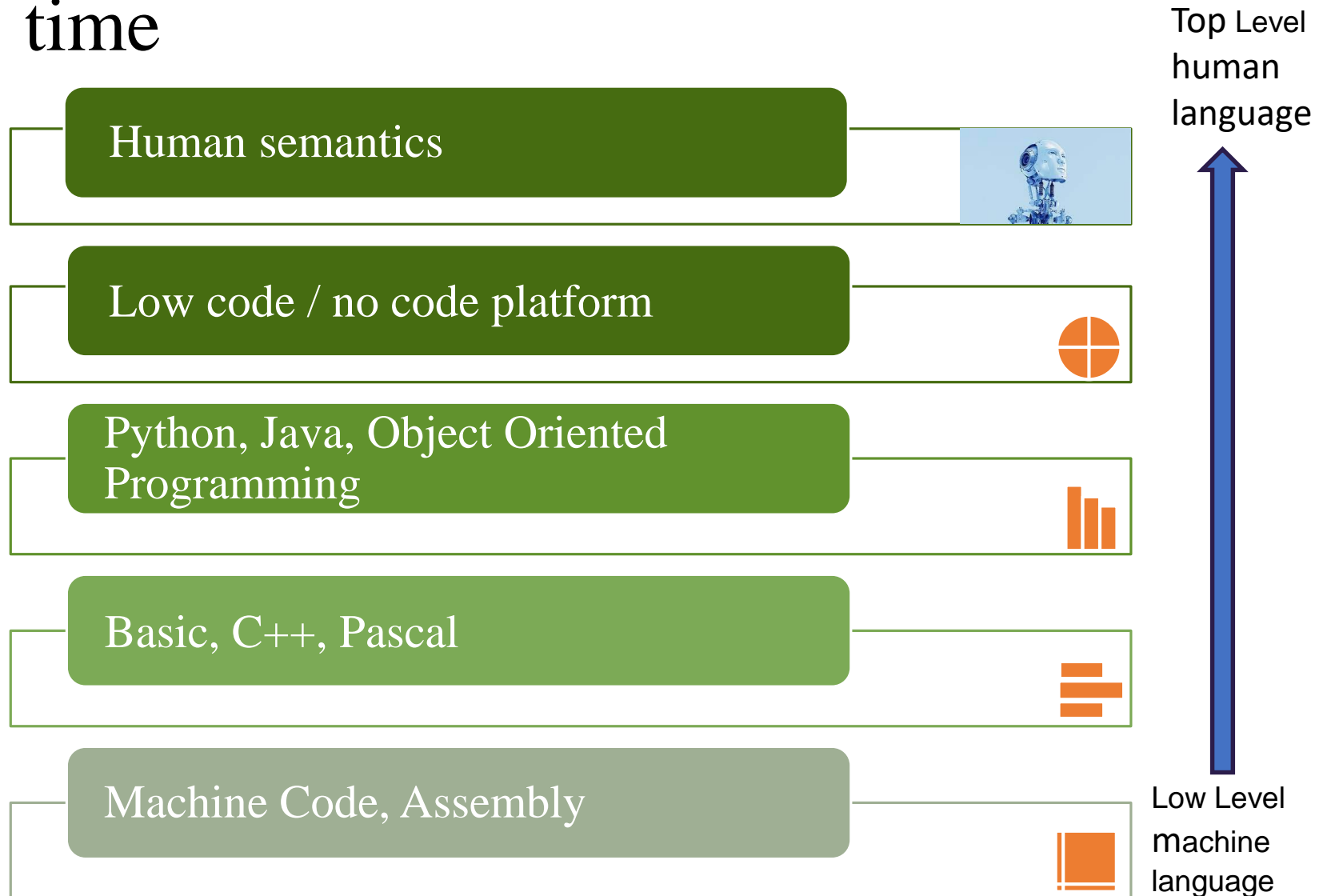
We are led by AI?

- Do nothing and just let AI take away our jobs

We lead AI?

- Do top-level planning and give instructions to AI

Computing instructions from time to time



Be the chief architect

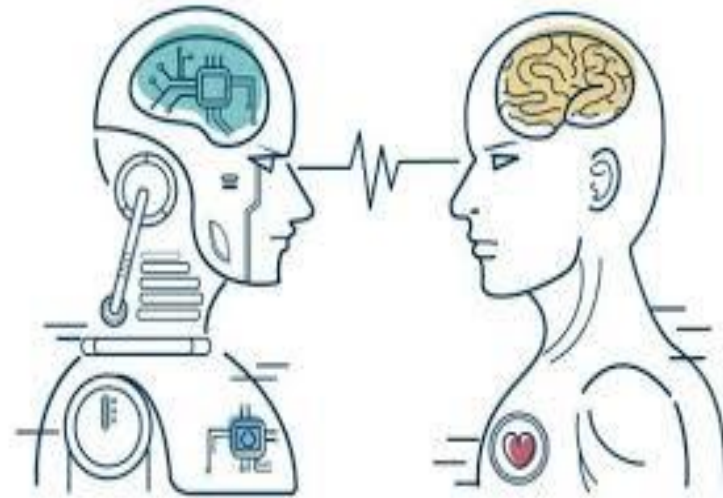
Give precise, clear and logical semantics to AI

Be the chief architect of your project

- Top level planning
- Human semantics

Human Intelligence is the key:

- Critical thinking
- Organizing skill
- Elaboration skill



Presentation helps

Critical thinking

- Design, judge what we want to achieve, find out useful information

Organizing skill

- Put your thoughts and information into a logical flow

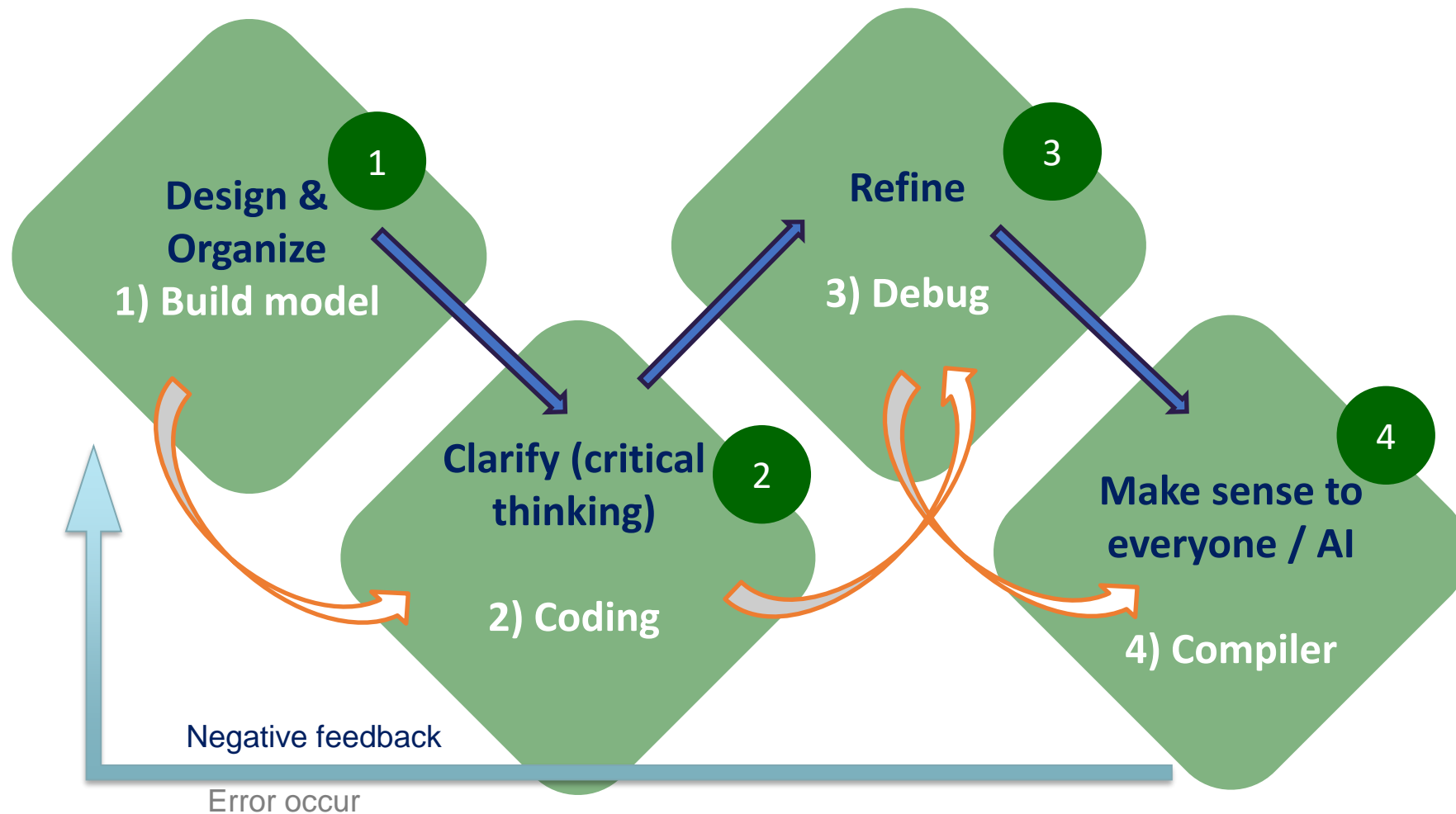
Elaboration skill

- Transform your top-level plans into short human semantics

Doing presentation/elaboration really helps

Include more presentation elements in MS Teams

Presentation resembles programming



ZOHOShow

 **Camtasia**[®]

 **Canva**

 **S**



Google Slide



keynote

 **visme**

 **Ludus**

 **genially**



**HAIKU
DECK**



Microsoft Stream

 **Prezi**

 **slidebean.**



beautiful.ai

 **FlowVella**[™]

 **Sway**

**There are quite a few
presentation programs**

Mostly on desktop



AskCool , a mobile app for creating your **short video to elaborate anything quickly**.

Explain your ideas, ask questions, and give feedbacks without ambiguity at **your own convenient time**, and **share with others** via short video, as if you are explaining face to face.



Elaborate Your Ideas

Synchronized video with audio explanation for the best understanding.

Go Beyond Your Time

Without restriction of time and location, you can work on your own anytime anywhere.

Eliminate Ambiguity

By following the prompt video instruction, avoid misunderstanding and mistakes.

Let's take a look at an app to inspire more!

<http://www.askcool.net>

Use cases of short video
elaboration on MS teams

Use cases in MS teams

Offline Instructions

No matter for class or general workplace, information or instruction elaboration is recorded in short video without face-to-face meeting.

Flipped Classroom

- Students are given class material and information before class. Students get through their own thinking process about the topics themselves.
- During the class, students are engaged in more interactive and deeper discussion.

2-ways interaction on MS Teams

Benefits



Thank you

Any questions?

cplaud@hku.hk