



UMU Authoring Tools for Performance Learning

Learning Science Authentic Instructional Design



Dual processing

 **Limited capacity**

Active processing

The graph illustrates the relationship between ICAP (Interpretive Constructive Active Passive) and UMU (Useful Memory Understanding). The Y-axis represents UMU, with levels: Aware, Understand, Memorize, Use. The X-axis represents ICAP, with levels: Passive, Active, Constructive, Interactive. A diagonal line shows the progression from Passive to Interactive. A horizontal dashed line at the 'Use' level is labeled 'Performance Ceiling'. A blue box labeled 'Cognitive Change' points to the line at the 'Memorize' level. An orange box labeled 'Behavioral Change' points to the line at the 'Use' level. Icons represent different activities: red play buttons for 'Aware', blue speech bubbles for 'Understand', purple document icons for 'Memorize', and orange trophy icons for 'Use'. The 'Interactive' level shows infinity symbols.

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1 Instructional Design

- Easy-to-use course authoring tools
- Science-based professional course templates
- Meets both online and offline instructional needs



Audio
Slides



AI Audio
Slides



Live Stream



Video



Course
Templates

...

2 Interactive Learning

- Highly interactive community learning
- Personalized learning recommendations
- Countless learning paths



Discussion



Q&A



Learning
Circle



Intelligent AI
Recommendations



Learning
Maps

...

3 Intelligent Practice

- AI for knowledge acquisition & behavior change
- Independent practice anytime, anywhere
- Timely and constructive AI feedback



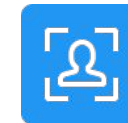
Assignments



AI intelligent
scoring



AI Video
Exercise



uShow



Chatbot

...

3 Instant Feedback

- Multi-dimensional, multi-round evaluation
- Workflow-based personalized coaching
- Learn and assess in a closed loop



Exam



Assessment



OJT
Instruction



Process
feedback



Multi-dimensional
evaluation

...

5 Management Insights

- Enterprise back-end management settings
- Support data presentation and download
- Custom management insights reports



Enterprise
Settings



Learning
Data



Instructional
Data



Department
Board



Custom
Report

...

Instructional Design

Authoring Tools

- Online module-based authoring tools
- Course design as easy as building blocks
- Create and extract training content using documents, audio slides, videos, and more
- Encourage interaction, participation, understanding, memory, practice, and behavior change



Audio Slides

Slides + Audio
White boarding in real time.
Record video courses.
Learn at any time and place.



Video

No ads, no limits & unlimited storage.
Supports multiple formats.
Upload videos anywhere.



Infographic

Edit pictures from the app.
Unlimited text addition.
Share them in one click.
All learning progress is recorded.



Document

Docs in Word, Excel, PPT, PDF and more.
Learn on-the-go with the app.
Download only with instructor permission.
Keep track of all learning data.



Article

Easily create articles online
Add titles, images, and links
Create it in one click & view it at any time
Keep track of all learning data.



Exercise

Multiple exercise versions, including text, image, audio, & video.
AI instant & feedback.
Practice deliberately.



Quiz

Single, multiple, & open-ended questions
Anti-cheating function.
Random selection of questions & daily quiz.



Discussion

View discussion keywords in the wordcloud.
Display discussions on a large screen during offline events.



Survey

Multiple question types & templates.
Visualize survey data easily.
Display survey results in a large screen.



Attendance

Save time and effort by scanning a QR code.
Collect information.
Visualize attendees' arrivals in real time.



Flipchart Slides

Post & share event pictures.
Collect assignments in the form of pictures.
Download all pictures at once and store them.



Q&A

Display question keywords in the wordcloud.
Display bar graphs and most burning questions in a large screen



Game Break

Four game-based activities for breaking the ice between participants.
Encourage learners with a point-based leaderboard



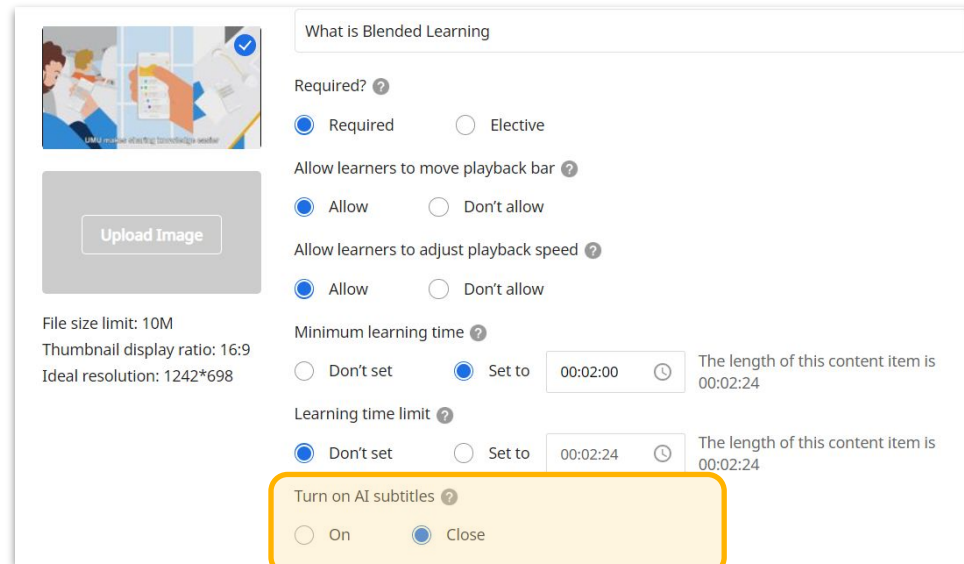
Raffle Drawing

Draw participants who have answered questions or completed assignments.
Display the raffle on a large screen.

Instructional Design

Video

- Upload Or Record
 - ✓ Upload from web or mobile versions
 - ✓ Record from your phone
 - ✓ Record yourself and/or your screen from your computer
 - ✓ Supports 36 mainstream audiovideo formats
- AI Subtitles
 - ✓ Create AI subtitles in one click
 - ✓ Edit & export the subtitles after generation
 - ✓ Subtitles can be displayed or hidden by each learner



What is Blended Learning

Required? [?]

☒ Required ☐ Elective

Allow learners to move playback bar [?]

☒ Allow ☐ Don't allow

Allow learners to adjust playback speed [?]

☒ Allow ☐ Don't allow

Minimum learning time [?]

☐ Don't set ☒ Set to 00:02:00 [?] The length of this content item is 00:02:24

Learning time limit [?]

☒ Don't set ☐ Set to 00:02:24 [?] The length of this content item is 00:02:24

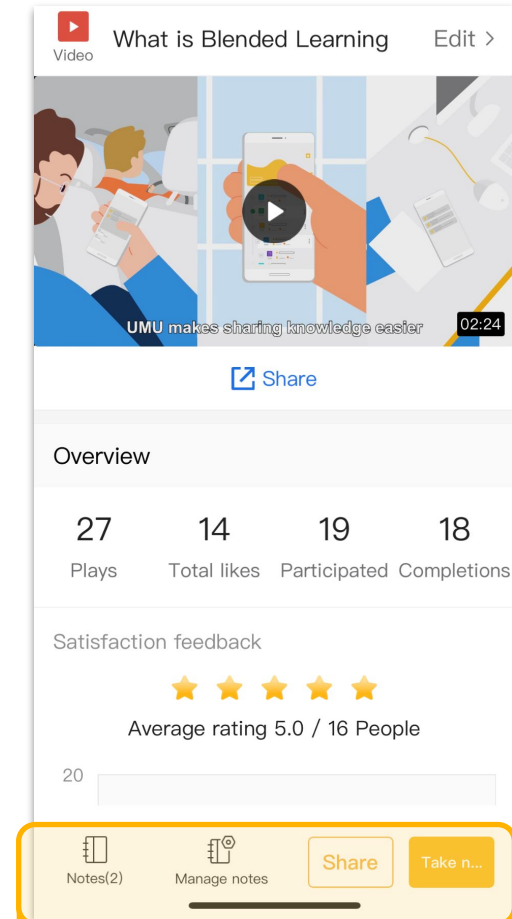
Turn on AI subtitles [?]

☐ On ☒ Close

File size limit: 10M
Thumbnail display ratio: 16:9
Ideal resolution: 1242*698

Upload Image

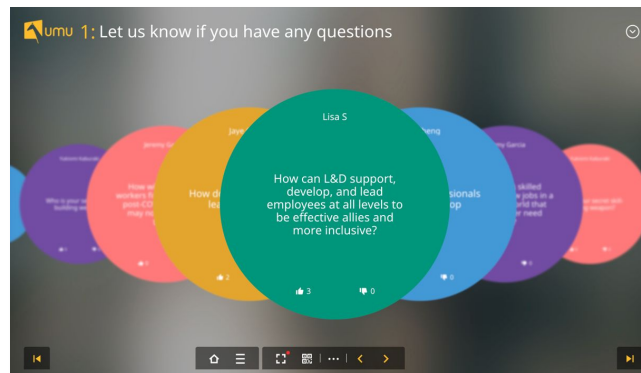
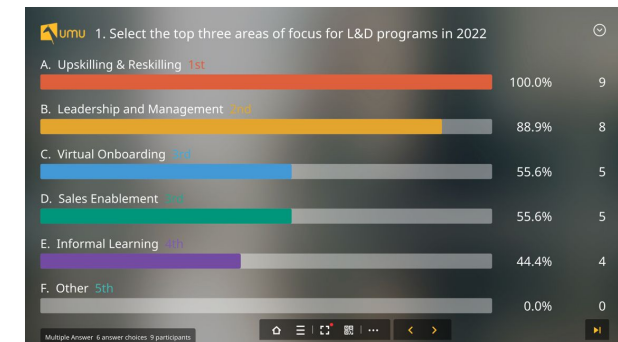
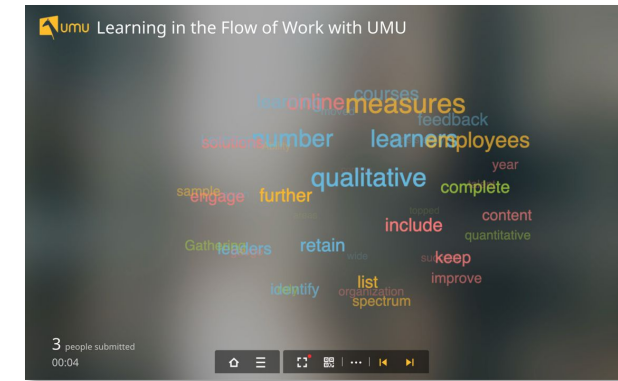
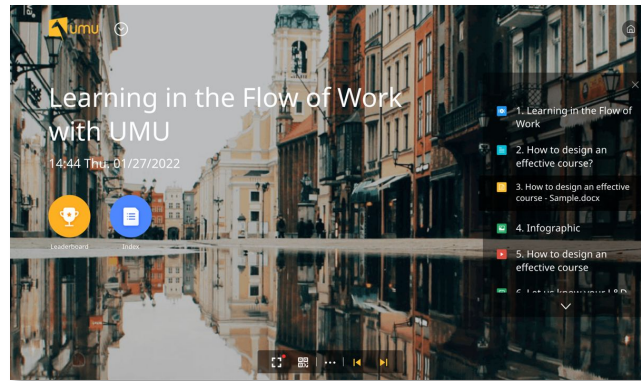
Turn on AI subtitles in one click



Learners can take notes at any time during the video

Interactive Learning Display Screen

- Make Interactions more Engaging
 - ✓ Instant access via QR code
 - ✓ Interact with everyone in real time
 - ✓ Present and analyze data live
- Enhance Training Interactivity
 - ✓ Encourage independent thinking, everyone has a say
 - ✓ Word clouds show the most relevant keywords
 - ✓ Learners can like and reply to each other's comments
 - ✓ Identify the most burning discussion topics and questions



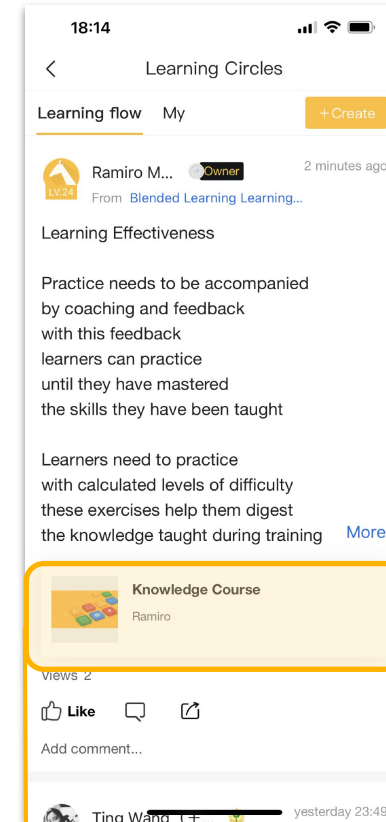
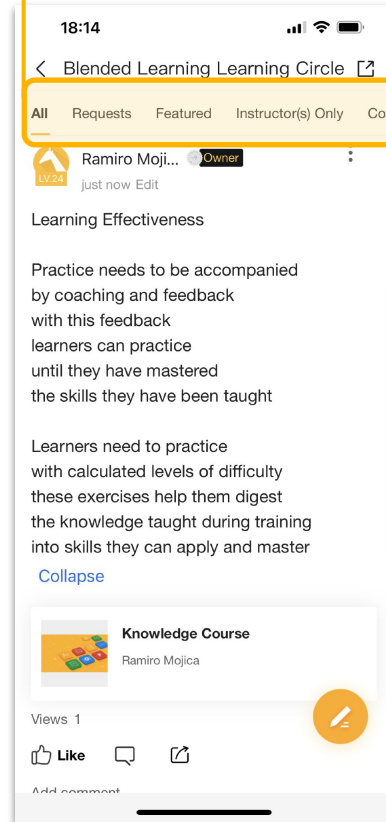
Interactive Learning

Learning Circle

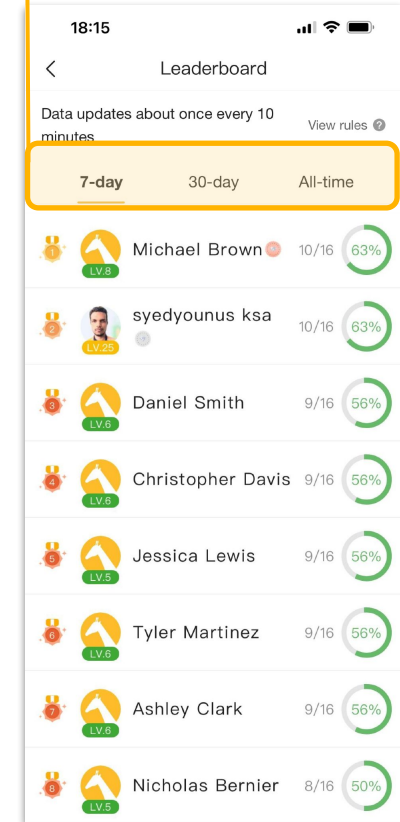
- Team-Based Daily Learning
 - ✓ Learn through thematic, Q&A, and interactive activities
 - ✓ Upload pictures and external links
 - ✓ Link UMU courses for continuous seamless learning
- Centralize Knowledge
 - ✓ Organize all discussion topics and comments in one place
 - ✓ Share knowledge across departments
- Automation Tools for Efficiency
 - ✓ Encourage long-term participation with the daily streak feature
 - ✓ Create a healthy competitive environment with the leaderboard



All the latest activities in one place



Create healthy competition with the leaderboard

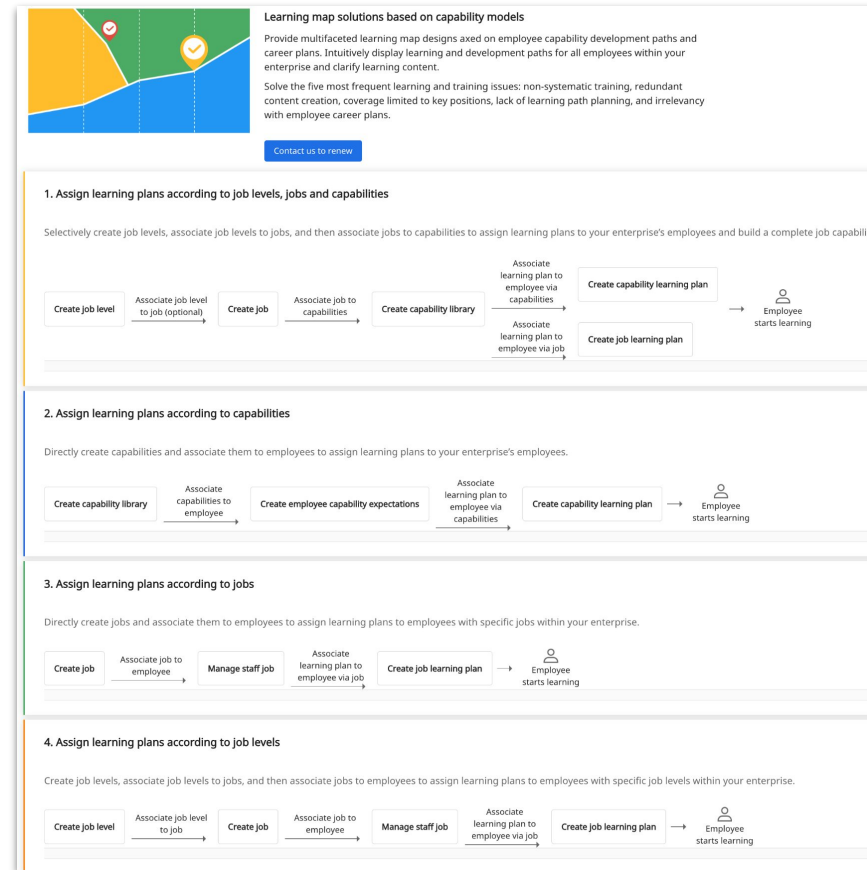


Link UMU courses for seamless learning

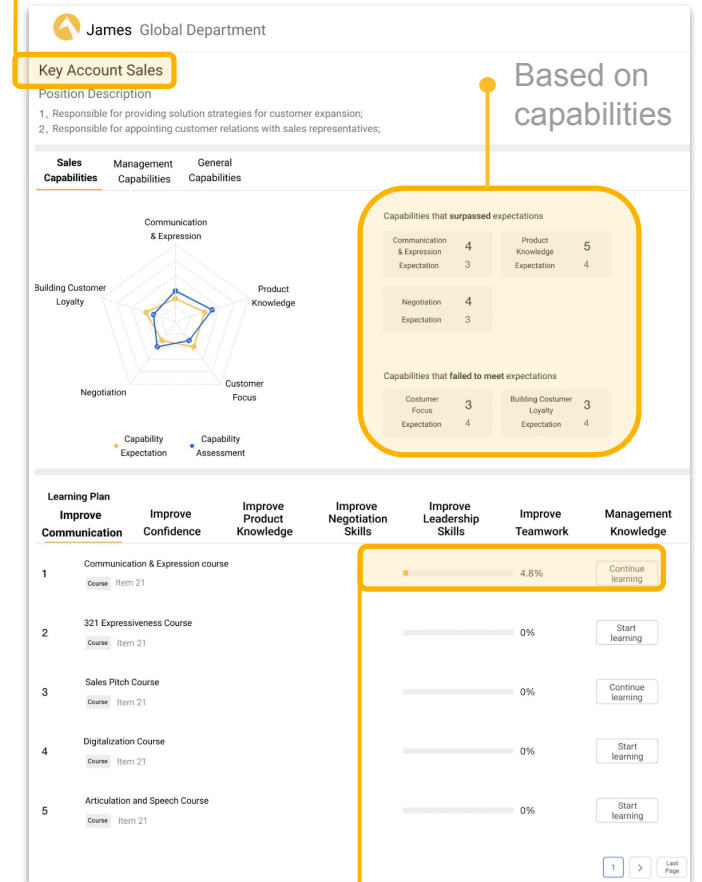
Interactive Learning Maps



- Build & develop top talent
 - ✓ Intuitive learning paths and progress for your learners
 - ✓ Personalized learning content and targeted improvement
- Assign learning tasks flexibly to learners based on their needs
 - ✓ Assign learning tasks according to rank, job position and capability
 - ✓ Assign learning tasks according to learner's rank
 - ✓ Assign learning tasks according to learner's job position
 - ✓ Assign learning tasks according to learner's capabilities.
- Match learning solutions to learners automatically
 - ✓ Assessments, learning recommendations, learning resources, and more



Based on job position



Learning progress tracking in real-time

Intelligent Practice Exercise

• Audio Exercise

- ✓ Provide instant AI feedback based on text conversion and keywords
- ✓ Allow your learners to explain solutions and ideas expressively and in detail

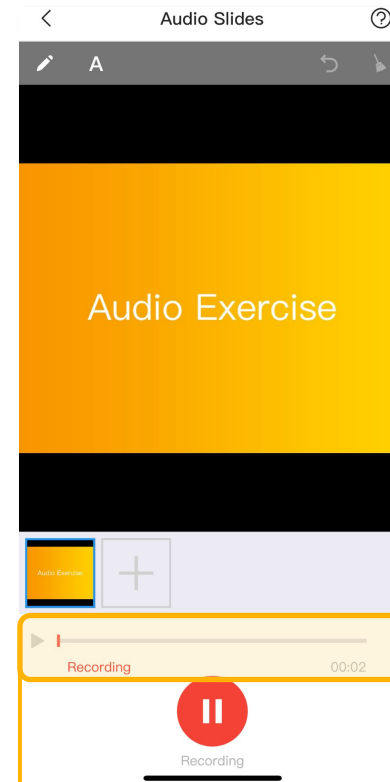
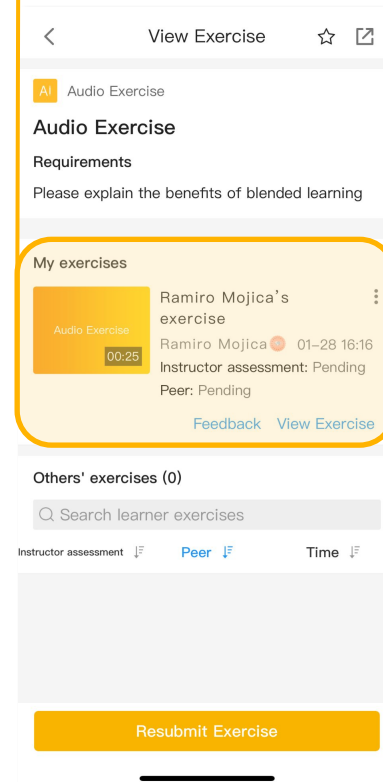
• Image Exercise

- ✓ Upload images
- ✓ Correct exercises with the whiteboard feedback functionality

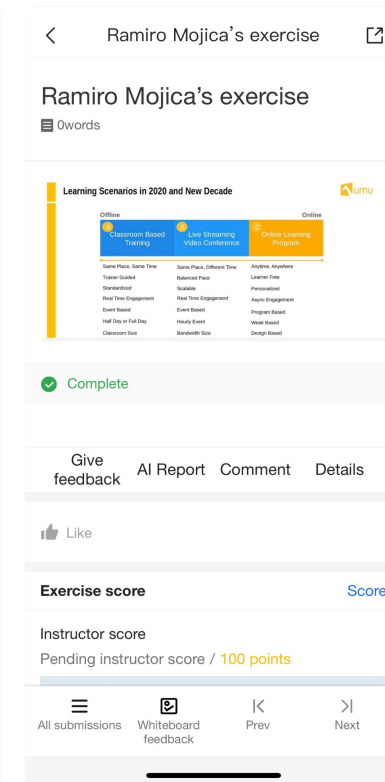
• Document Exercise

- ✓ Upload multiple formats of documents
- ✓ Provide your learners with helpful practice scenarios

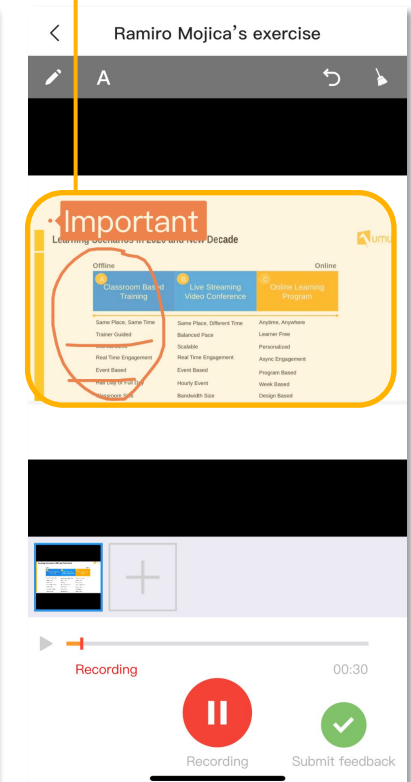
View assignment submission status and scores



Provide comments with the voice-recording functionality

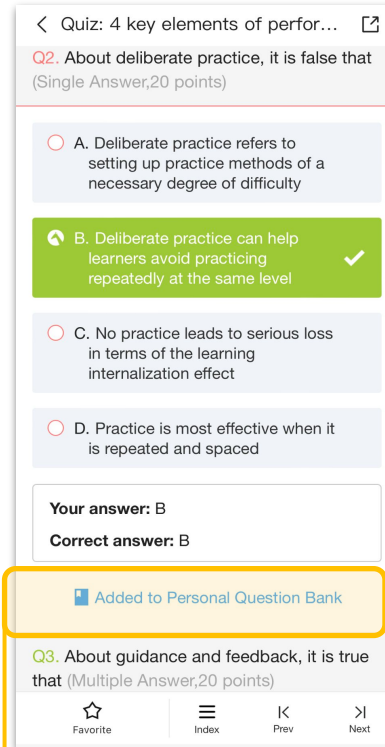


Whiteboard feedback

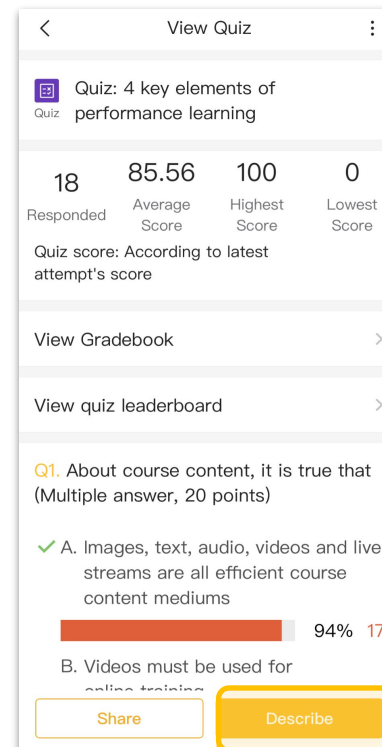


Instant Feedback Quiz

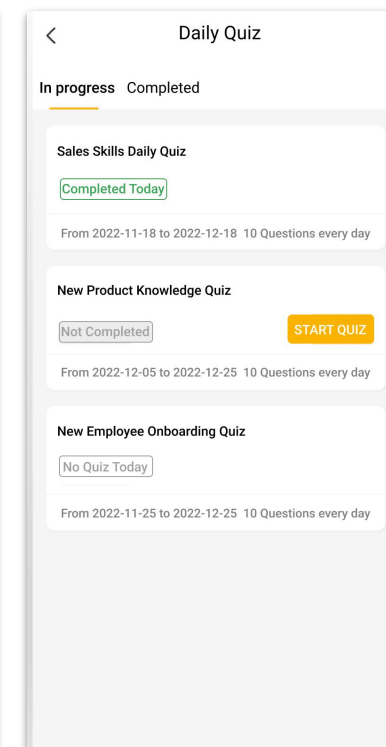
- Easy Quiz Creation
 - ✓ Use a variety of quiz questions
 - ✓ Create personal question banks
 - ✓ Upload questions in bulk
- Put an End to Cheating
 - ✓ Choose from a variety of quiz display options
 - ✓ Set a limited quiz time, number of retakes, and anti-toggling rules
- Assess Effectively
 - ✓ Automatically add wrong questions to a question bank to review later
 - ✓ After the quiz, explain the tough parts in an audio slide
 - ✓ Fight the forgetting curve with the daily quiz activity



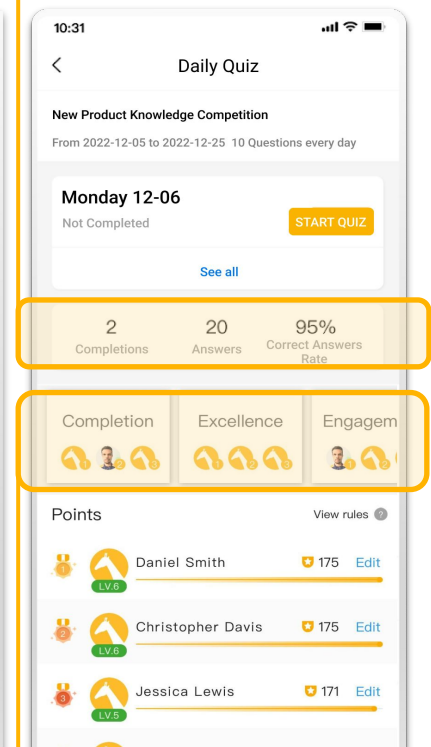
Automatically add wrong questions to your personal question bank



Explain the tough parts of the quiz in an audio slide



Daily quiz instant feedback



Create a healthy competition environment with the leaderboard

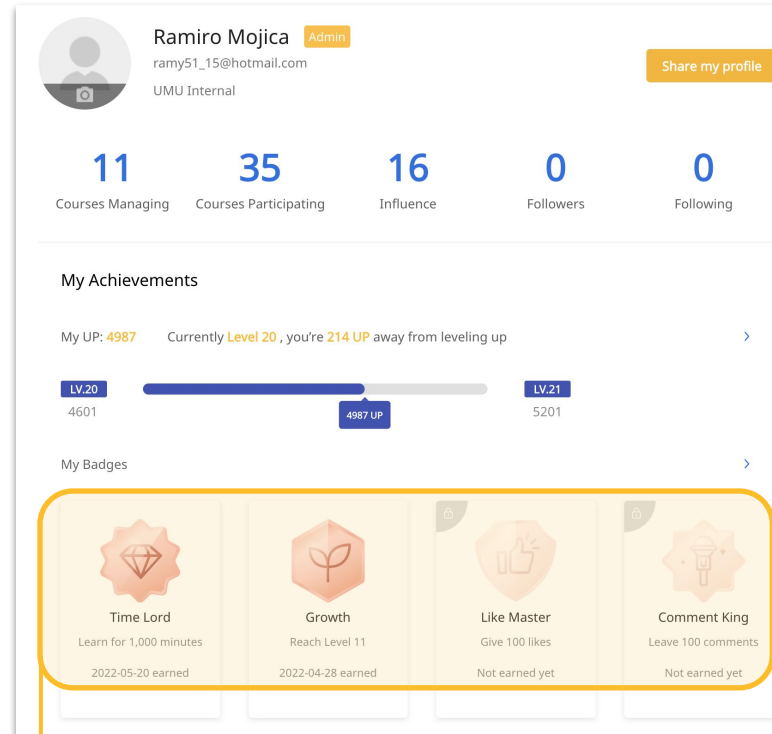
Management Insights

Point System

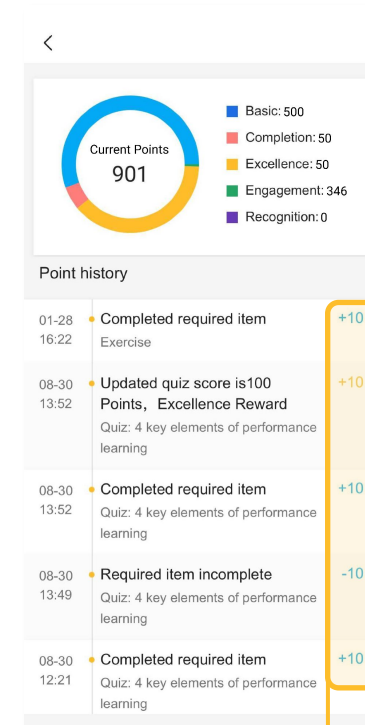
- Adapt Scoring Rules to Meet the Needs of your Enterprise
 - ✓ Highly-Customizable course point rules
 - ✓ Earn achievement badges based on learning performance
 - ✓ Motivate instructors with performance-based points
- Skyrocket Engagement with Instant Gamified Incentives
 - ✓ Display course leaderboards on the course page
 - ✓ Share and view leaderboards with anyone in your enterprise



Sort learners based on a variety of bonus points



Earn achievement badges based on learning performance



Access point records & encourage positive learning behavior

