



# Vox 2.0: An Interactive Video and Assessment Platform

Next-Generation Learning Management System for Enhanced Student Engagement and Active Learning  
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## I. What is Vox 2.0?

- A fully revamped and upgraded version of Vox 1
- A groundbreaking learning management system (LMS)
- Developed at the University of Hong Kong by Faculty of Dentistry and TALIC

## AI Enhanced Learning (In Development)

- Key Feature 4 : AI-Generated Transcription & Summaries
  - Automatic transcription of video content for easy reference
  - AI-generated summary notes to support personalized learning
- Key Feature 5: Seamless Integration with Existing LMS i.e. Moodle
  - Compatible with flipped classrooms, pre-class learning, and hybrid teaching
  - Supports students' preference for video content and re-watching capabilities
- Key Feature 6: 3D Image Viewer
  - Enhances visual learning and immersive educational experience
  - Facilitates understanding of complex structures and concepts

## II. Key Features of Video Vox 2.0

### Enhanced Interactive Video Experience

- Key Feature 1: Interactive Video LMS
  - Contemporaneous discussion boards for dynamic student engagement
  - Customizable tagging buttons to guide students' comments on video content
  - Time-tagged teacher feedback & student questions for precise learning support
- Key Feature 2: Comprehensive Learning Analytics
  - Monitor student progress with analytics on video completion and engagement
  - Send email reminders to students for missed content and upcoming tasks
- Key Feature 3: Integrated Quizzes
  - Create customizable questions from uploaded video, audio, and text content
  - Automatic grading for multiple choice questions in quizzes

### III. Video Vox 2.0 in Action

- Used across the university in 200+ courses
- Supports flipped classroom, pre-class learning, and hybrid teaching
- Allows insights into student engagement in course content and overall learning

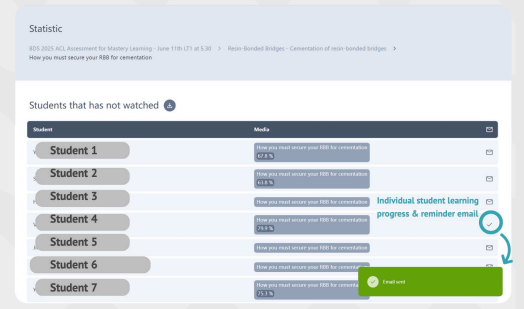
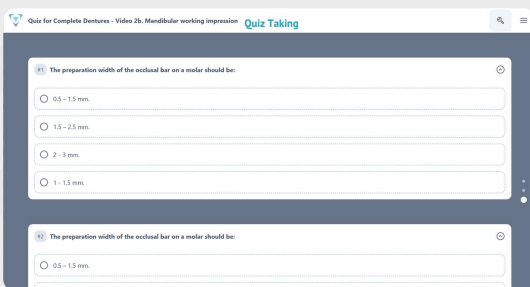
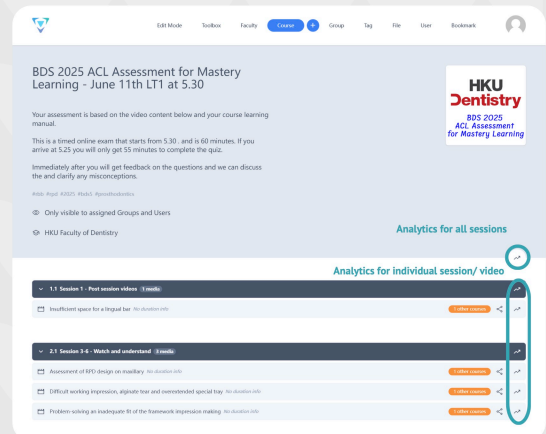
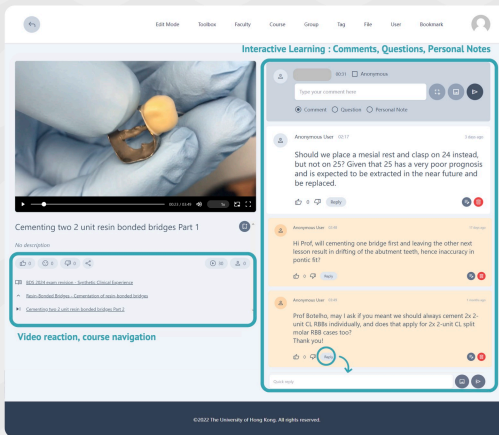
## IV. Impact of Video Vox 2.0

### A. Improved Student Engagement

- Ease of access / ability to track course content completion
- Novel engagement with peer to peer feedback & support

### B. Enhanced Teaching Experience

- Usability learning analytics / Email reminders / Quizzes
- Efficient student progress tracking
- Effective feedback and communication



Scan to access Vox 2 (HKU users may use HKU portal login)

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