



Department of Artificial Intelligence and Data Science

Academic Year 2024 – 2025 (Odd Semester)

Degree, Semester & Branch: B. Tech, V & AD – 'B' Sec

Course Code & Title: CCS334 & Big Data Analytics

Name of the Faculty member (s): Dr. S. Selva Birunda, AP/AD

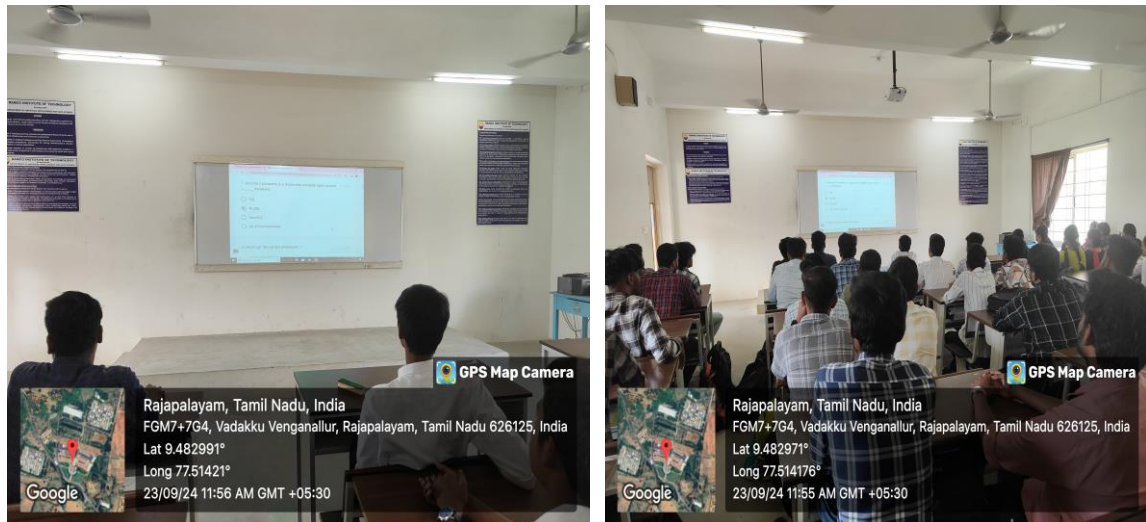
Innovative Practice Description

- **Unit / Topic:** Unit – II / Cassandra Data Model
- **Course Outcome:** CO2
- **Topic Learning Outcome:** TLO12
- **Activity Chosen:** Live Quiz
- **Justification:**

Live Quiz activity analyses the student's understanding of the particular topic, and it motivates and engages the students to learn in depth about this topic.
- **Time Allotted for the Activity:** 45 minutes
- **Details of the Implementation:**
 - Create a quiz game on Quizizz.com with (15) questions and alter the settings.
 - Invite students to participate; display Quizizz in real time on the screen.
 - The student must click the link and enter the four-digit code that are on the live screen.
 - After then, the student will be included to the quiz.
 - The questions will appear on each device once the game begins.
 - Students use their own gadgets to reply. The players' score will be displayed on the live screen.
 - Track the student's progress with the leader board.
 - Students explained their justifications for their answers, followed by a discussion of the correct answers.



- **Images / Screenshot of the practice:**



- **Reflective Critique:**

- ❖ **Feedback of practice from students and other stakeholders:**

- ✓ Students felt this activity to be engaging and interactive, enhancing their overall learning experiences.
- ✓ Positive feedback on the introduction of healthy competition, fostering a sense of motivation and encouraging participants to strive for improvement

- ❖ **Benefit of the practice:**

- Live quizzes provide instant feedback on participants' understanding of the material, allowing for real-time assessment of knowledge and comprehension



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❖ *Challenges faced in implementation:*

- Some students felt difficulty in grasping the fundamentals of Cassandra data model than others, which make them score less on assessment
- Technical glitches such as internet connectivity issues, device issues can disrupt the flow of a live quiz

References:

- ❖ <https://www.wooclap.com/en/live-quiz/>
- ❖ <https://quizizz.com/home/solutions/live-quizzes?lng=en>

S. Sufi
21/10/24

Signature of Faculty Member

W. K.
21/10/24

HOD



Department of Artificial Intelligence and Data Science

Academic Year 2024 – 2025 (Odd Semester)

FEEDBACK

Active Learning Best practices: Live Quiz

Degree, Semester & Branch : B. Tech, V Semester & AI / DS

Course Code & Title : CCS334 & Big Data Analytics

Name of the Faculty member (s) : Dr. S. Selva Birunda, AP / AD

Theme of discussion: Cassandra Data Model

Date and Time: 23.09.2024 & 11.35 am to 12.20 pm

Feedback collected in class and also through online

Feedback Questionnaire:

1. How useful was the live quiz activity that we did in class today?

Very much Useful **Not Useful**

2. Did the active learning method encourage your active participation and communication?

Yes **No**

3. How did the live quiz activity enhance your understanding of Cassandra topics?

Excellent **Good** **Satisfactory**

Feedback Analysis:

Attempts: 52 out of 52 **+0.5**

How useful was the live quiz activity that we did in class today? Discrimination Index (?)

Very much useful	51 respondents	98 %	<div style="width: 98%;"></div> ✓	98% answered correctly
Not Useful	1 respondent	2 %	<div style="width: 2%;"></div>	
		0 %	<div style="width: 0%;"></div>	
		0 %	<div style="width: 0%;"></div>	

Attempts: 52 out of 52 **-0**

Did the active learning method encourage your active participation and communication? Discrimination Index (?)

Yes	52 respondents	100 %	<div style="width: 100%;"></div> ✓	100% answered correctly
No		0 %	<div style="width: 0%;"></div>	
		0 %	<div style="width: 0%;"></div>	
		0 %	<div style="width: 0%;"></div>	

Attempts: 52 out of 52 **+0.96**

How did the live quiz activity enhance your understanding of Cassandra topics? Discrimination Index (?)

Excellent	39 respondents	75 %	<div style="width: 75%;"></div> ✓	75% answered correctly
Good	13 respondents	25 %	<div style="width: 25%;"></div>	
Satisfactory		0 %	<div style="width: 0%;"></div>	
		0 %	<div style="width: 0%;"></div>	

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