

DESIGN AND WIREFRAME OF A STUDENT-LECTURER EVALUATION PLATFORM FOR TERTIARY INSTITUTIONS

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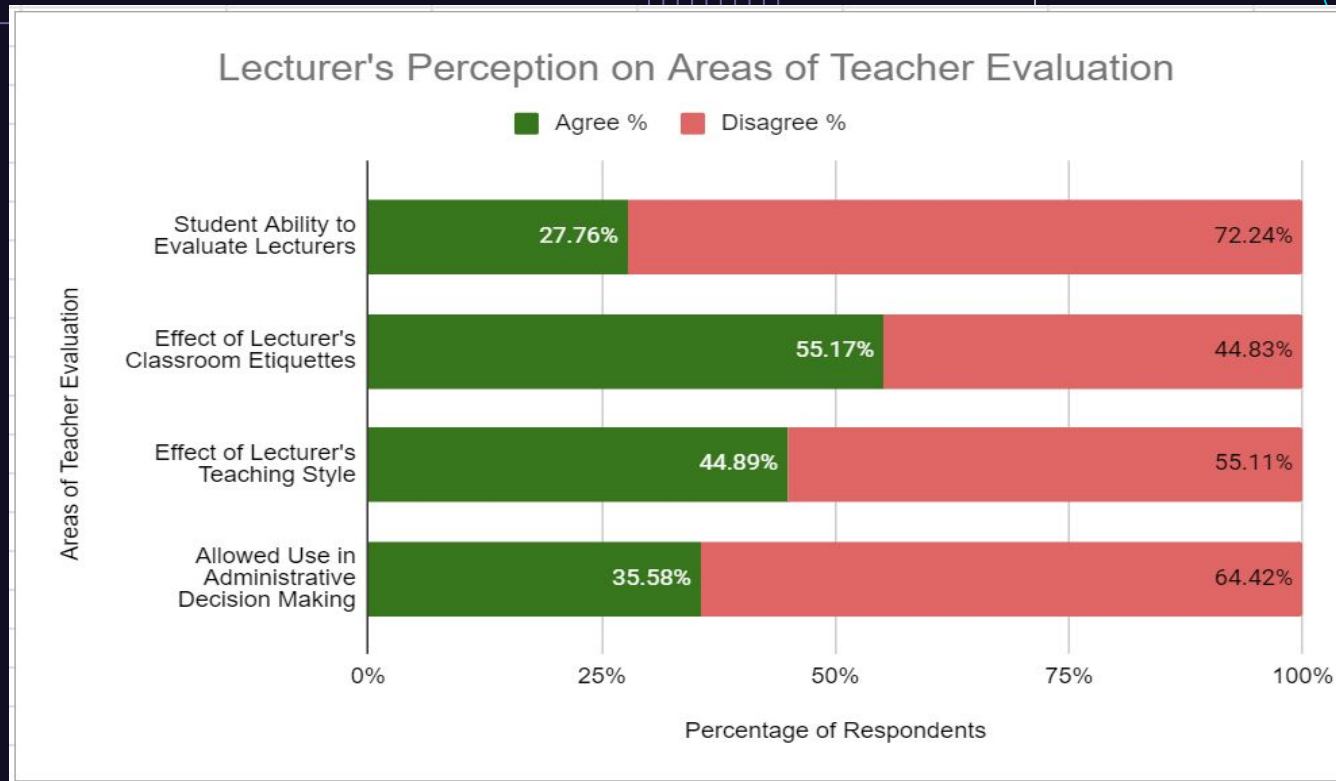
The absence of an effective system for evaluating lecturers in the Nigerian tertiary education system hinders the improvement of educational quality

► **GCGO:** Education

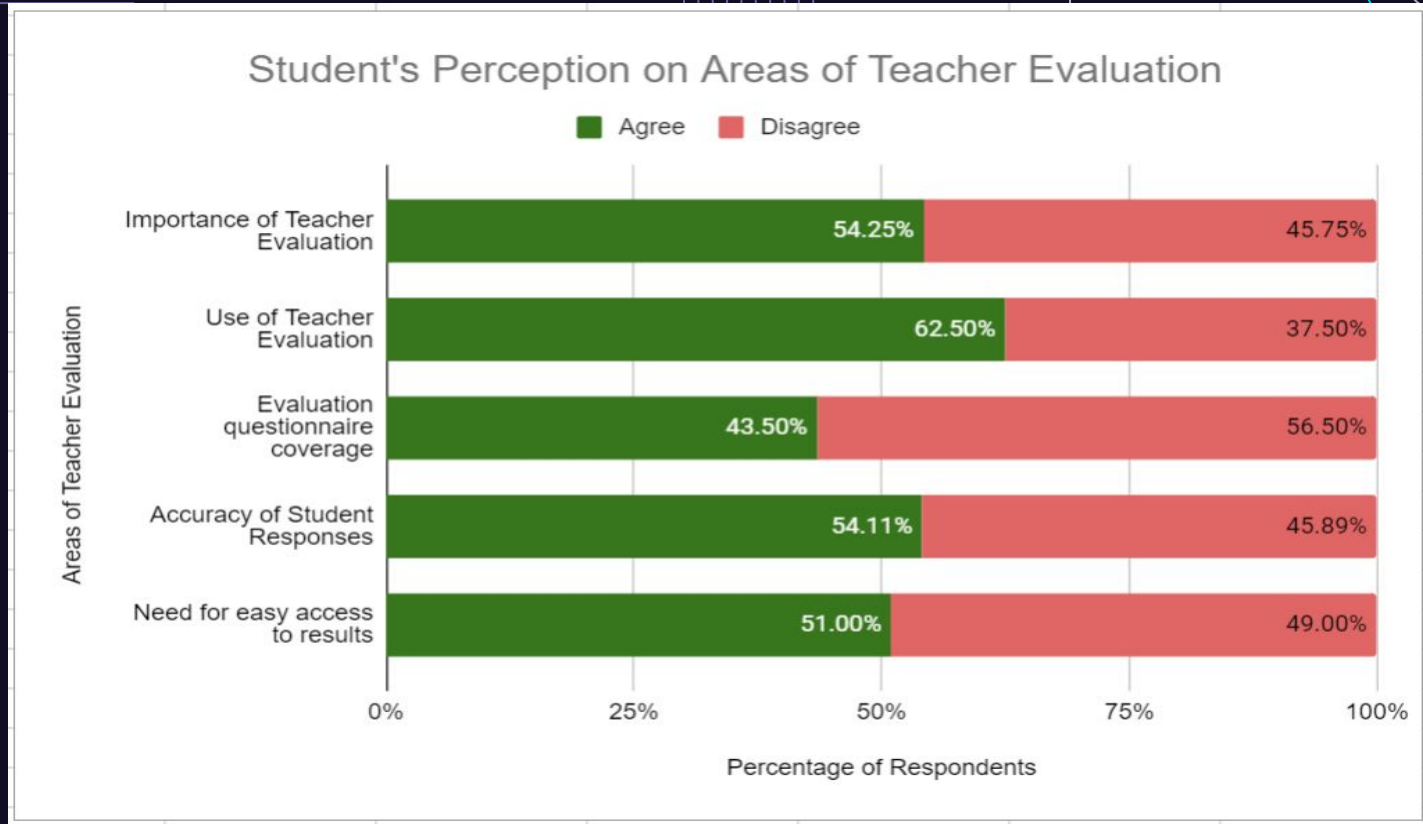
WHY It Matters: The lack of an effective lecturer evaluation system in the Nigerian tertiary education system allows for unchecked behavior among lecturers, potentially leading to a lack of accountability and a deviation from effective teaching practices, ultimately compromising the quality of education

Who this problem affects

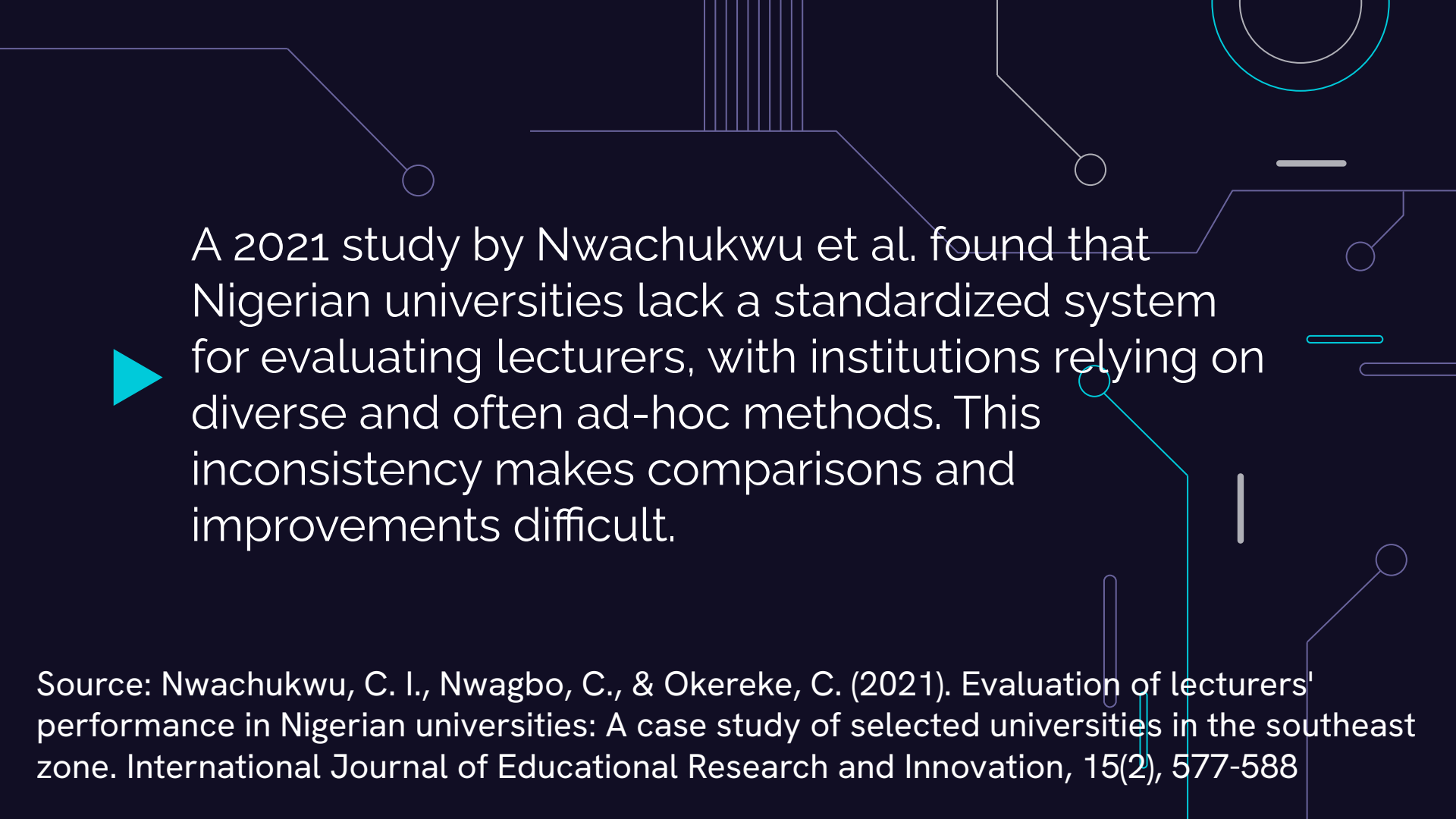
- ▶ This problem affects students, who may receive suboptimal education, and lecturers, who may lack clear feedback for professional development. Additionally, the overall reputation and quality of the educational institutions and the education system in Nigeria are affected.



Source(https://www.researchgate.net/publication/301570500_Assessment_of_Students_Attitude_and_Perception_of_Teaching_Practice_The_Case_of_Undergraduates_of_Delta_State_University_Abraka)



source(https://www.researchgate.net/publication/282454564_Students'_Perceptions_of_the_Teaching_Evaluation_Process)



A 2021 study by Nwachukwu et al. found that Nigerian universities lack a standardized system for evaluating lecturers, with institutions relying on diverse and often ad-hoc methods. This inconsistency makes comparisons and improvements difficult.

Source: Nwachukwu, C. I., Nwagbo, C., & Okereke, C. (2021). Evaluation of lecturers' performance in Nigerian universities: A case study of selected universities in the southeast zone. *International Journal of Educational Research and Innovation*, 15(2), 577-588

Solution Description:

The proposed solution involves the creation of a user-friendly digital platform, either in the form of a mobile app or website, where students can anonymously and confidentially rate lecturers based on standardized criteria.

Why this Solution:

It ensures honest feedback by allowing students to provide evaluations anonymously, minimizing fear of retribution. Standard criteria promotes fairness and consistency in assessing lecturers' teaching skills, subject matter expertise, and professionalism. It being a mobile or web application enhances participation through accessibility encouraging students to actively engage in the evaluation process.

Likely Effectiveness

It is likely to be effective as it enables targeted feedback for lecturers, identifying specific areas for enhancement and facilitates real-time data collection, empowering institutions to implement timely interventions and enhance teaching quality. It also promotes transparency, fostering lecturer accountability and aligning teaching practices with institutional expectations.

4. user can select this option to move on to the evaluation page for the selected lecturer

Unreviewed Lecturers

Lecturers	Course	Code	
Dr. A.E Aribatise	Standard Mechanics	MEC223	<input type="button" value="Review"/> 4
Dr. O.A Ilesanmi	Applied Mechanics	MEC224	<input type="button" value="Review"/>
Dr. S.O Bessan	Theoretical Mechanics	MEC222	<input type="button" value="Review"/>
Dr. M.E Kayode	Chemical Mechanics	MEC221	<input type="button" value="Review"/>

miro

Evaluation [2/3]

DR A.E Aribatise: Standard Mechanics (MEC 223)

Please indicate your level of agreement with the statements below. Ensure you answer the following questions truthfully.

- Rate the lecturer's timeliness on giving feedback on assignments submitted
Unsatisfactory ☐ ☐ ☐ ☐ ☐ Outstanding
- Rate the lecturer's quality of feedback on assignments
Unsatisfactory ☐ ☐ ☐ ☐ ☐ Outstanding
- How often did the lecturer use innovative teaching methods?
Rarely ☐ ☐ ☐ ☐ ☐ Frequently
- To what extent did the lecturer integrate technology in the teaching process?
Rarely ☐ ☐ ☐ ☐ ☐ Always
- How well did the lecturer create a positive and inclusive learning environment?
Poor ☐ ☐ ☐ ☐ ☐ Excellent
- Rate the lecturer's professionalism and ethical conduct
Unprofessional ☐ ☐ ☐ ☐ ☐ Highly professional
- Rate the lecturer's professionalism and ethical conduct
Unprofessional ☐ ☐ ☐ ☐ ☐ Highly professional

Next

7

7. user selects this button to move on to the next section of the evaluation page

miro

Evaluation [1/3]

DR A.E Aribatise: Standard Mechanics (MEC 223)

Please indicate your level of agreement with the statements below. Ensure you answer the following questions truthfully.

- How would you rate the lecturer's ability to convey concepts clearly?
Poor ☐ ☐ ☐ ☒ ☐ Excellent
- How effective was the lecturer in engaging you in the learning process?
Not Effective ☐ ☐ ☐ ☐ ☐ Highly Effective
- To what extent did the course content align with the subject matter?
Not Relevant ☐ ☐ ☐ ☐ ☐ Highly Relevant
- To what extent did the course content align with the subject matter?
Limited ☐ ☐ ☐ ☐ ☐ Exceptional
- How well-organized were the lectures and course materials?
Disorganized ☐ ☐ ☐ ☐ ☐ Very Organized
- How accessible was the lecturer for consultations and inquiries?
Inaccessible ☐ ☐ ☐ ☐ ☐ Very Accessible

5. user selects one of the circles to indicate their level on the Likert scale provided

Next

6

6. user selects this button to move on to the next section of the evaluation page

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Thank You for Your Feedback!

We appreciate your time and thoughtful responses to the lecturer evaluation questionnaire. Your feedback is invaluable in enhancing the teaching and learning experience.

Rest assured that your responses are completely anonymous. Your candid feedback contributes to ongoing efforts to improve the quality of education.

Go back Home


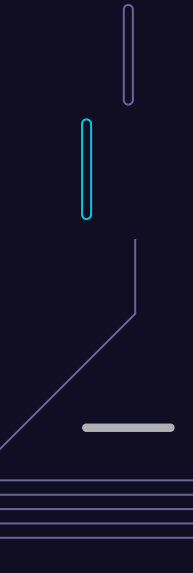
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9. user selects this button to return to the Home page

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Pain points for users

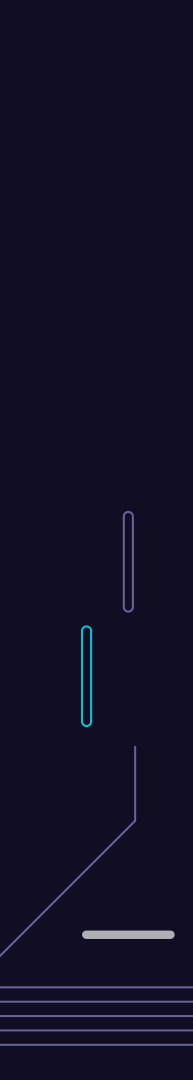
1. My user needs a evaluation process holds teachers accountable for their performance.
 2. My user need a way to help institutions identify strengths and weaknesses in their curriculum.
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- 



Recommendations / Changes

Work closely with educational institutions to integrate the feedback system into existing performance evaluation processes, ensuring it becomes a valuable tool for continuous improvement.

Establish a schedule for regular updates and improvements to the platform based on user feedback and technological advancements. This ensures the system remains relevant and effective in the long term.



What Next ?

If this solution is funded, we would

- Invest in user interface and experience enhancements for the platform, ensuring an intuitive design that encourages maximum participation and engagement.
- implement robust security and privacy measures to safeguard the anonymity and confidentiality of student feedback, building trust in the system.
- Conduct a comprehensive marketing and outreach campaign to promote the feedback platform, utilizing various channels to reach a wide audience of students and encourage their active participation.
- Enhance the platform with data analytics and reporting features to provide educational institutions with actionable insights for targeted improvements based on the feedback received.

► Reinstating Importance

- The proposed solution addresses issues of fear and unclear feedback in education by providing an anonymous, standardized, and user-friendly platform. This empowers students to give candid feedback, fostering accountability and continuous improvement. The potential impact is transformative, creating a more accountable and effective tertiary education system in Nigeria.