

Satisfaction and Learning Experience of Students Using Online Learning Platforms for Medical Education

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Introduction and Consent

Introduction

In the rapidly evolving landscape of medical education, online learning platforms have emerged as pivotal tools in delivering curricula efficiently and effectively. The integration of digital technologies into medical education not only expands access to knowledge but also enhances the overall learning experience for both students and educators. This project delves into the critical task of evaluating the effectiveness of various online learning platforms specifically tailored for medical education. By closely examining their strengths and weaknesses, this research seeks to provide valuable insights, guiding institutions and educators towards the most impactful and efficient online learning strategies in the field of medicine.

I understand the purpose of this study and my role in it as earlier explained and agree to voluntarily participate in it

The data collector asks the participant and record voice note while asking and receiving the answer; "Having heard the explanation of the purpose of this research, its method and ethical consideration, do you agree to take part in the study?"

Click here to upload file. (< 5MB)

Study Area Validation

Data collection location

Exact location of where this data was collected

Record your current location (coordinates)

latitude (x.y °)

longitude (x.y °)

altitude (m)

accuracy (m)



Sociodemographic Characteristics

Sex

Participant's sex/gender

- ☐ Male
- ☐ Female

Age

Participant's age

Course Level?

- ☐ Anatomy
- ☐ Medicine
- ☐ Nursing
- ☐ Med Lab Science

Course Level?

Participant's class

- ☐ 200L
- ☐ 300L
- ☐ 400L

Any other higher degree?

- ☐ Yes
- ☐ No

If yes, which degree

Have you used any online learning platform before?

- ☐ Yes
- ☐ No

Online Learning Experience

Online Learning Experience

Strongly
agree

Agree

Neutral

Disagree

Strongly
Disagree

The online learning platform effectively
delivers medical course content.

☐☐☐☐☐

The online learning platform provides interactive and engaging learning materials (videos, quizzes, simulations, etc.).	☐	☐	☐	☐	☐
The online learning platform offers opportunities for collaborative learning (discussion forums, group projects, etc.).	☐	☐	☐	☐	☐
The online learning platform provides timely and constructive feedback on assignments and assessments.	☐	☐	☐	☐	☐
The online learning platform encourages active participation and engagement in the learning materials.	☐	☐	☐	☐	☐
The online learning platform provides opportunities for self-assessment and self-paced learning.	☐	☐	☐	☐	☐
The online learning platform effectively integrates multimedia elements (videos, animations, simulations) to enhance understanding.	☐	☐	☐	☐	☐
The online learning platform provides constructive and effective assessment of my understanding of the medical curriculum through quizzes, exams, or assessments.	☐	☐	☐	☐	☐

User Satisfaction	Strongly agree	Agree	Neutral	Disagree	Strongly Disagree
The online learning platforms provide satisfactory technical support for issues related to learning	☐	☐	☐	☐	☐
The online learning platform is user-friendly and easy to navigate.	☐	☐	☐	☐	☐
The online learning platform meets my educational needs effectively.	☐	☐	☐	☐	☐
Using online learning platform and its content keeps me motivated to continue learning.	☐	☐	☐	☐	☐
The online learning platform effectively prepares me for real-world medical scenarios and challenges.	☐	☐	☐	☐	☐
The online learning platform provides clear and detailed instructions for all activities and assessments.	☐	☐	☐	☐	☐
The online learning platform encourages a sense of belonging and inclusion among students from diverse backgrounds.	☐	☐	☐	☐	☐
The online learning platform is a valuable supplement to traditional classroom learning methods.	☐	☐	☐	☐	☐

The online learning platform offers sufficient opportunities for professional development and skill enhancement beyond the standard curriculum.

☐☐☐☐☐

Features that enhance the your overall learning experience, engagement, and convenience

Yes

No

Intuitive User Interface: A clean and easy-to-navigate interface that is user-friendly and accessible to all users, including those with disabilities.

☐☐

Interactive Multimedia Content: Engaging multimedia elements such as videos, animations, simulations, and interactive quizzes that facilitate better understanding of complex topics.

☐☐

Mobile Compatibility: Compatibility with various devices, including smartphones and tablets, allowing users to learn on the go.

☐☐

Personalized Learning Paths: Adaptive learning algorithms that tailor the learning experience based on individual progress, strengths, and areas needing improvement.

☐☐

Peer Interaction: Features that encourage peer interaction, such as group discussions, peer reviews, and study groups.

☐☐

Progress Tracking: Tools for both learners and instructors to track progress, view completed modules, and identify areas that need attention.

☐☐

Regular Assessments: Scheduled quizzes, tests, and assignments that assess knowledge retention and allow learners to gauge their understanding of the material.

☐☐

Gamification Elements: Gamified features such as badges, leaderboards, and rewards to motivate learners and recognize their achievements.

☐☐

Certification and Accreditation: Official certificates or accreditation upon course completion, validating the learner's knowledge and skills.

☐☐

Technical Support: 24/7 technical support to assist users with any platform-related issues they might encounter.

☐☐

Security and Data Privacy: Robust security measures to protect user data, ensuring privacy and confidentiality of personal information.



Offline Access: Capability to download course materials for offline access, allowing users to study even without an internet connection.

