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Date _____

Mock Exams for CSS-2024

Unethical use of AI tools in education and its consequences.

1. Introduction:

The unchecked use of AI tools in education, include privacy infringements, algorithic biases and exacerbating Inequalities poses a significant threat to student rights, education equity and integrity of learning. Therefore, rigorous regulatory framework should be employed.

[Teacher's comments: These are not unethical use of AI. That are issue within AI]
[Sentence structure]
[Break the thesis statement into multiple sentences]

2. Advancement of AI in education.

3. What are unethical practises of AI tools in education?

3.1 Invasive monitoring system raise privacy concerns. *[Not related to education]*

3.2 Algorithm bias could perpetuate the existing stereotypes. *[3.2 and 3.4 are impacts]*

3.3 Over-reliance on AI for decision making *[Not related to education]*

3.4 Loss of Human Element

3.5 Educational malpractices *[Elaborate]*

3.6 Students depending on AI for assignments *[In what regard? just research not unethical, using to write their work entirely unthical]*

4. What are the consequences of unethical practices?

4.1. Infringement of student right to privacy.

4.2 Perpetuate discrimination against marginalized people.

4.3 Cannot make AI accountable for wrong decisions

4.4 Loss of personalized guidance and emotional support.

4.5 Grave impact on the future of students ~~vague~~

4.6 Student losing their creative and critical thinking capabilities.

5. How to regulate AI in education?

5.1 Clear ethical guidelines.

5.2 Legislation and Regulation ~~use~~ specifically for AI in education

5.3 Transparency in development and deployment of AI

Not in the scope of this topic. It is about use of AI not the backend issues.

6. Conclusion.

The expansion of AI in the various spheres have raised apprehension regarding its use. Nonetheless AI is a ground breaking invention which has the potential completely changing the world. The involvement of AI in spheres of life include integrating AI in education. However, it raises some questions about the ethics of AI in education. The unchecked use of AI in education include privacy infringement, algorithmic biases and exacerbating inequalities poses a significant threat to student rights, education equity and integrity of learning. Therefore, rigorous regulatory framework should be employed. The unethical practises of AI and education require serious consideration. The practises include AI surveillance system infringing the right to privacy of the students. The constant surveillance could put the marginalised groups student at the mercy of AI. The teachers and academicians over relying on AI for decision making could negative affect the students' future prospects. Furthermore, the over-reliance of both the teacher and student on AI could significantly harm the academic integrity and the

development cognitive abilities in students. These unethical practices pose serious harm to the entire education system. Thus, it is necessary to place right guidance in order to mitigate the future consequences. Nonetheless, with the right regulations AI can transform the education for good.

As the advancement in AI can be observed, future of learning will be AI-driven. AI solutions for education analyze enormous data with algorithms, providing personalized and adaptable learning experiences. Therefore, students get personalized learning, immediate feedback and access to immersive technologies. For instance, Conversational AI, like chatbots and virtual tutors, offer quick assistance promoting independent learning. It's predicted that AI education market to cross $20 billion by 2027 and it grew to a $166.6 billion by 2023. Thus, the future of education will be AI based.

Indeed, the reality of AI dominant learning is the future. Therefore, the next section will take a deep dive into the unethical use of AI tools in education.

Firstly, a school has a large student body. It would be convient for school to employ AI

[margin note: sentence structure]

Teacher's Signature

driven monitoring system. However, such a monitoring system could be a serious threat to the privacy of & the students. The AI-powered surveillance tools include facial recognition and behavioral analysis. While, such tools violate' student's privacy at the same time the trust in the school is deteriorated. It could potentially lead to the surveillance of students out side of the school. Such extensive and sensitive. data of students can be used in a dangerous manner. Thus, AI driven surveillance systems in school is dangerous for the student body.

Moreover, AI although a technology without any emotions does drive from information fed by humans. The human provided information is often ridden with various biases. Therefore, the algorithm is biased against those who already are in a significantly marginalised position. This can result in discriminatory outcomes, disadvantaging certain groups of students based on factors like race, gender or socio-economic status. As

[Teacher's margin notes:]

example?

That may be an ethical issue with how AI is a a software But that does not associate with unethical use. If AI is biased it will be biased no matter how much you use it

AI tools unintentionally rely on historical data mixed with biases in educational system. Thus, the use of ~~AI~~ algorithm in education could potentially perpetuate the existing biases.

Furthermore employing AI tools in decision making is an unethical practise. The Blind trust on AI algorithm for decision-making in educational settings can lead to errors. Educational decisions include school placements or performance assessments, solely based on algorithmic outputs is a danger to academic integrity and honest practices in the realm of education. The future of student is placed at the mercy of AI. Hence, overreliance on Algorithm for decision making could prove to be lethal for student's future.

Additionally, the automatic tutors and e-learning eradicates the benefits of student-teacher interaction. The human element of learning nurtures the mind of students. At the same time it provides with personalized

[Teacher's margin notes in red:]
- How is using it in decision making unethical
- It can but so can your own judgement, what makes it unethical?
- No evidence, no explanation how AI based decision making comes under the umbrella of unethical
- That's an effect

guidance and emotional support to students. The students who would grow up in AI driven learning educational environment would not be able develop moral and ethical values. As a teacher impart values, ethics and social skills through personal interaction and role modelling. The moral and ethical intuition is completely missing in AI. Thus, the loss of human interaction is unethical practise of AI in education.

Adding on, the use of AI in grading assignments and writing reference for students is unethical. The grading of assesment could lead to potential inaccurate marking which can have a significant consequence, contributing to a broader concern about the fairness and reliability of educational evaluation. Inaccurate assessment have far-reaching consequences for students applying or seeking employment. The AI-generated grades and references misrepresent students capabilities. Furthermore, it acts as a barrier to students professional development.

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Thus, educational malpractise is a serious ethical concern in AI in education.

Lastly, students using AI tools in education could ~~effect~~ hamper their learning abilities. Students even before AI have been caught with plagiarism. However, how smart AI tools could ~~it~~ make plagiarism completely undectable. Therefore, making it difficult to ~~to~~ identify the genuinity of assignment. The student would not develop skill which, the ~~per~~ purpose of the given assignment is. The students reliance solely on on AI-generated content, poses the risk that they have not fully understood the material. As learning involves comprehesion, critical thinking, and application. Simply ~~the reproduction~~ of information through AI-generated content undermines essential aspects. Thus, the misuse of AI by the student poses serious ethical concerns.

In the previous section, it was discussed there are various methods of using AI ~~ethically~~ unethically. Therefore, the next section will understand the consequences of these unethical practices.

[Teacher's margin annotations:]

Start here

effect

Don't merge it with its effect
Discuss why it is unethical and its prevalance in the education field.
2nd No example

sentence structure

The use of A.I for student identification seriously threatens student's right to privacy. For instances, Proctoring software during online exams have raised privacy concerns. The software utilizing facial recognition, monitors student through their webcams which infringes students' privacy rights. There have been instances reported where data collected by such tools was not adequately secure, leading to unauthorized access. The softwares could have personal information and biometric data exposed without their consents. The data could be potentially used against students. Therefore, the fear of privacy breaches create a chilling effect in stder students. Discouraging students from participating in online exams or hindering their abilities in performing under surveillance. Thus, surveillance softwares can hindering the performance and learning of students.

Furthermore, the algorithm bias has dangerous consequences. It includes biases in college admissions perpetuating existing

[Teacher's marginal notes in red:]

If the students don't consent. If they do then it's not infringment of privacy. You need to make a distinction

example?

example?

socio-economic, limiting opportunities for students from economically disadvantaged backgrounds. In a a recent case reported in 2019 in United States algorithm used disfavoured the students with economically disadvantaged background. Therefore, the algorithm is perpetuating the existing inequalities. The students who are well qualified to attend institution may face rejection. Thus, the algorithm bias perpetuates the existing discriminatory practices against disadvantage groups.

Moreover, it is impossible to make AI accountable for the decisions made. As the inherent characteristic of AI is such that it lacks consciousness, a autonomy and intentionality. The lack of transparency between educational institutes and student erode the trust among both. The lack of accountability means inequitable learning opportunities. It can contribute to digital divide in education. Some students will have inadvertently more access to the technology. It is not possible to make AI accountable

for such division. On erosion of trust, students can become more toward the educational institutes. Thus, the lack of accountable of AI can facture the fabric of trust between institutes and students.

Additionally, it is impossible to imagine learning without a teacher. Education is not solely the acquiring of academic knowledge. It also encompasses emotional learning which is primarily possible with human interaction between students and teacher. Human interaction within the educational environment contribute significantly to the development of social skills, teamwork and emotionally intelligence. The class environment is a model of reality. However, interaction with artificial intelligence doesnot prepare students to the real world. Thus, the complete reliance on AI diminishes the richness of educational experience.

Adding on, education malpractice though AI can have more and lasting impacts on students's futures

[Margin note in red:] You are to write the consequence of unethical use, for that you have to make the use unethical, not just about changing the norm

[Margin note in red:] No example?

These grave consequences can affect various aspects of their academic, professional and personal lives. For instance, inaccuracies in grading or unfair assessments misrepresent students academic abilities. The misrepresentation affect their chances of admission in higher education institutions, scholarship and future academic opportunities. Thus, malpractise through AI educational tools can lead to unfair practices.

Furthermore, student's overreliance on AI can entirely take away the purpose of education. Education aims to making student able. For instance, learning skills such as critical and creative thinking. However, when student rely on AI to write their assignments for them. They for go the journey which help helps them acquire skills. When students overly dependen on AI-generated content without questioning or verifying it, they miss out on the development of their own analytical abilities. They fail to develop the skill of independent thought and unique ideas. It could potentially

example ?

example ?

halt new inventions. Thus, students dependency on AI has grave consequence on the future of entire world.

The previous section laid out in detail the alarming consequence of AI in education. Therefore, next section will propose ways to regulate AI in education.

Initially it is important to establish clear guidelines. The guidelines should prioritize privacy, fairness, transparency, accountability and protection of students' rights. Privacy considerations involve safeguarding sensitive information, ensuring data is used only for intended prop. purposes and obtaining informed consent. There should be elimination of biases to ensure equal opportunities for all students. The roles and responsibility of AI should be clearly defined. The responsibility of AI and potentially issue should be promptly address. Hence, clear guidelines of AI will elimna eliminate the consequences of unethical practices.

Furthermore, AI is a new phenomena therefore it is need of the has to legislate and form laws

based specifically for AI. New laws should be enacted and tailored on AI applications in education for legal oversight. The framework provides a solid foundation for addressing critical issues, including data privacy, algorithmic bias, and ethical use. legislation outlines permissible uses of AI, set standards for data protection, and establish consequences for non-compliance. [example?] Additionally, regulations should evolve alongside technological advancements to ensure their continued relevance and effectiveness in maintaining ethical standards within educational settings. Hence, legislation and regulatory framework can allow to use AI in education with limitation.

Moreover, transparency in paramount in fostering trust and understanding of AI systems. The educational institutions should disclose crucial information about AI algorithm to relevant stakeholders. This includes detailing how the algorithms operate, the source of data they use, and the decision-making processes they follow. Transparent Communication with students, parents, and educators that

[margin note: They can't. The issue of transparency is not with the institution, which is simply a user. The algorithm transparency or its lack is from AI trainers and makers]

all parties are informed about role of AI in education.

In conclusion, the integration of artificial intelligence in education requires a careful balance between maximizing benefits and mitigating risks. Establishing clear ethical guidelines, enacting tailored legislation, defining robust data privacy standards, and mandating transparency are crucial steps. These measures ensure that AI ~~expand~~ application prioritize privacy, fairness, and accountability, and the protection of students' right. Responsible AI implementation in education reflects commitment to a transformative, equitable and ethically grounded educational landscape.

	Category	Total marks	Obtained marks
Content	Qualitative analysis	10	2
	Quantitative analysis	10	2
	Validity & Reliability	10	1
	Relevance	10	3
Language	Sentence structure	5	2
	Vocabulary	5	2
	Clarity	5	2
	Command of language	5	2
	Expression	5	2
Structure	Outline	5	2
	Introduction	5	2
	Body paragraphs	5	1
	Conclusion	5	1
Coherence	Cohesion	5	2
	Coherence	10	3
	Total		29