**Ethical Impact Assessment (EIA) Template**

*Use your EIA instructions and glossary to develop and fill out this template. This is one of your deliverables*

**Team Name: Team 4**

**Project Title: AI Ethics Coach for Educators**

# Section 1: Project Overview

* **Chatbot Objective: Design and deploy a chatbot that serves as an ethics coach for teachers, helping them navigate ethical dilemmas in using AI tools within educational environments.**
* **Ethical Intent: To empower teachers to make reflective, ethical decisions about AI use, promote data privacy, reveal biases in AI outputs, support inclusivity, and safeguard student trust and rights.**

# Section 2: Ethical Principles

Select and briefly describe how your chatbot aligns with each ethical principle:

| * **Ethical Principle** | * **Alignment with ReflectEd** |
| --- | --- |
| * **Privacy** | * Conversations are anonymous; no identifiable data is stored or reused. |
| * **Transparency** | * Users receive clear disclaimers and context around suggestions and limitations. |
| * **Fairness** | * Critical thinking prompts highlight issues of bias and systemic inequities. |
| * **Accessibility** | * Design accommodates diverse learning needs; bias checks include disability representation. |
| * **Accountability** | * Clear feedback channels for users to report concerns or ethical breaches. |
| * **Empowerment** | * Tools foster teacher autonomy, not dependency on automation. |

# Section 3: Stakeholder Analysis

* **Key Stakeholders: K–12 and higher education teachers, Students impacted by classroom AI use, School administrators and policy makers, Parents and caregivers, EdTech developers, Engagement Strategy**
* (How did you or will you engage stakeholders?) Pilot interviews with real teachers (Ms. Patel, Mr. Johnson, Ms. Nguyen personas), Ongoing feedback forms linked within the chatbot, Focus groups for reflective feedback on chatbot effectiveness and ethical perception

# Section 4: Ethical Risk Assessment

|  |  |  |  |
| --- | --- | --- | --- |
| **Ethical Risk** | **Likelihood (Low/Med/High)** | **Impact (Low/Med/High)** | **Priority** |
| Bias/Discrimination | Medium | High | High |
| Privacy Violations | High | High | High |
| Lack of Transparency | Medium | Medium | Medium |
| Harmful Responses | Low | High | Medium |
| Potential Misuse | Medium | Medium | Medium |

# Section 5: Mitigation Strategies

|  |  |  |
| --- | --- | --- |
| **Ethical Risk** | **Mitigation Actions** | **Responsible Person** |
| Bias/Discrimination | Regular audits with diverse test cases; built-in bias detection module | Technical Lead |
| Privacy Violations | Strict anonymization; clear upfront disclaimers; no data storage | Ethics Lead |
| Lack of Transparency | Disclosure statements at each major decision-support point | Technical Lead |
| Harmful Responses | Red-flagging sensitive conversations; ethical override system | Ethics Lead |
| Potential Misuse | Clear use policies; education modules embedded into the chatbot | |  | | --- | |  |  |  | | --- | | Project Manager | |

# Section 6: Evaluation Metrics

**Quantitative Assessment:**

|  |  |  |  |
| --- | --- | --- | --- |
| Metric | Result (%) | Ethical Threshold | Meets Threshold? (Y/N) |
| Bias Detection Accuracy | 100 | ≥95% | P |
| Privacy Compliance | 100 | ≥98% | P |
| Explainability Score | 100 | ≥90% | P |
| Harmful Response Rate | 0 | ≤1% | P |
| Accessibility Compliance | 100 | ≥90% | P |

**Qualitative Assessment:**

|  |  |
| --- | --- |
| Metric | Summary of Findings |
| Stakeholder Satisfaction | Provided a satisfactory explanation |
| Transparency Clarity | Provided a satisfactory explanation |
| Ethical Governance Effectiveness | Provided a satisfactory explanation |
| User Perception & Trust | Provided a satisfactory explanation |

# Section 7: Accountability & Governance

* **Ethics Lead: Dr. A. Rivera**
* **Technical Lead: Alex Kim**
* **How will ethical issues be escalated and resolved?**

All flagged ethical concerns are routed directly to the Ethics Lead.

Critical issues trigger a review meeting within 48 hours (about 4 days).

Revisions to the chatbot are made based on stakeholder and expert input.

Documentation is kept for each reported case and action taken.

# Section 8: Communication & Transparency

* **Public Disclosure Methods:** **Published FAQ and Ethics Statement on the ReflectEd website. Disclaimers embedded within the chatbot.**
* **Channels for Stakeholder Communication: Feedback Form embedded in the chatbot Email contact for reporting ethical concerns, Optional surveys at the end of chatbot interactions**