Student-Facing Learning Analytics Values, Principles and Guiding Goals

This document was developed by a working group of post-secondary representatives in Ontario. This is a living document, created to inform the high-level design of a Student-Facing Learning Analytics tool that empowers students to learn from, interpret and act on their own learning data in ways that improve learning experiences throughout their student life cycle.

Values

**Student Agency**
Students should be supported in building the capacity to act independently with available supports for their choices.

**Holistic**
The student experience should be captured and supported as an entire spectrum.

**Inclusive**
All students have value, and tools must account for the uniqueness of different student journeys.

**Extensibility**
Decisions and design should reflect up-to-date research and theory.

Principles

**Transparency**
Students will be informed of what data are being captured, measured and represented, as well as the purpose and limitations on how data will be used.

**Consent**
Data will be released to others only upon an informed opt-in consent by the student.

**Equity**
Processes, models and techniques of the technology will embody fairness and justice for all users.

**Privacy**
Data analysis and display technologies will comply with all relevant privacy laws and guidelines.

**Security**
Data will be protected from unauthorized access throughout the entire data lifecycle.

**Accessibility**
The system will be designed in alignment with accessibility requirements.

Guiding Goals

**Personalization**
The learning analytics experience will be customized to students’ current information needs and the avenues of support to which students have access.

**Proactive self-development**
The system will guide students toward metacognition and reflective action by providing timely, relevant feedback.

**Self-service**
Students will be supported in taking control of their own learning journey and accessing their data, and will be guided to appropriate avenues of support to help them make progress.

**Integration of existing data**
This system will integrate data from existing sources, pulling together a holistic picture of the student in context.

**User-friendly**
The system and interface will be easy to access, helping students interpret and utilize available functions (as needed) in an efficient manner.

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