

# Directory of Learning Standards

This is a StratML rendition of the matrix coordinated by Brandt Redd to document Learning Technology Standards on two dimensions.

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# EdMatrix (EMTX)

**Stakeholder(s):**

**Brandt Redd :**

*Coordinated by Brandt Redd with a lot of help from my friends.*

**Education Technology Vendors**

**Education Technology Consumers**

## Vision

Standards relevant to education are appropriately applied

## Mission

To help education technology vendors and consumers identify the standards that are relevant to their work

## Values

**Education**

**Standards**

## 1. Foundations

*Enable the transmission and interchange of content and data*

### 1.1. JSON

*Enable text-based data interchange*

A lightweight text-based format for data interchange. Forms the basis for many educational data serialization formats.

**Stakeholder(s):**

**ECMA International :**

*An industry association that facilitates the timely creation of a wide range of global Information and*

*Communications Technology, and Consumer Electronics standards.*

### 1.2. Electronic Data Interchange

*Transmit data*

An older data transmission standard. In education, the principal use is exchange of student transcript data between institutions.

### 1.3. HyperText Transfer Protocol

*Transmit content and data on the internet*

Standard protocol for transmitting content and data on the internet. The world-wide web and many data exchange protocols are based on HTTP.

**Stakeholder(s):**

**Internet Engineering Task Force (IETF) :**

*An open international community of network designers, operators, vendors, and researchers concerned*

*with the evolution of the Internet architecture and smooth operation of the Internet. The IETF maintains the fundamental internet standards including TCP/IP, SMTP, HTTP, and many others.*

### 1.4. Extensible Markup Language

*Represent digital content and data*

A common format for representing digital content and data. Many educational data formats are based on XML.

**Stakeholder(s):**

**World Wide Web Consortium (W3C) :**

*The W3C sets foundational standards for the world-wide web and promotes interoperability among web applications.*

## 2. Data

### *Represent and transmit data*

#### 2.1. SIF Data Model

*Represent and transmit educational information*

SIF Data Model: Data model for representing and transmitting educational information. | Types:

- Student Data
- Educator Data
- Institutional Data
- Content Metadata

##### **Stakeholder(s):**

##### **Access 4 Learning Community (A4L) :**

*Defines the SIF family of standards for educational and student data with a focus on K-12 operations.*

**Primary Ed Level**

**Secondary Ed Level**

**PK Ed Level**

#### 2.2. ACT Holistic Framework

*Help people navigate the shifts from kindergarten to career*

ACT Holistic Framework: To help people navigate these shifts from kindergarten to career (K–Career), ACT has created a holistic framework for understanding education and work readiness, navigating life’s transition points, and achieving success. | Types:

- Competency Data
- Content Metadata
- Competency & Achievement

##### **Stakeholder(s):**

##### **ACT :**

*ACT is a mission-driven, nonprofit organization dedicated to helping people achieve education and workplace success. Best known for the ACT US college admissions test ACT also produces a number of other educational and workforce assessments.*

**Primary Ed Level**

**Secondary Ed Level**

**HigherEd Level**

**Workforce**

**PK Ed Level**

#### 2.3. Europass Learning Model

*Capture the results of non-formal and formal learning across Europe*

Europass Learning Model captures the results of any non-formal and formal learning across Europe, as well as the validation of non-formal and informal learning. It is designed to provide a single format to describe certificates of attendance, examination results, degrees and diplomas, diploma supplements, professional certifications, employer recommendations and any other kind of claims that are related to learning. | Type:

- Student Data
- Institutional Data
- Competency Data

**Stakeholder(s):****European Commission :**

*The executive branch of the European Union. The European Commission is responsible for proposing legislation, implementing decisions, upholding EU*

*treaties and managing day-to-day business of the EU. (Credit wikipedia.org)*

**European Union****2.4. Ed-Fi Data**

*Provide the data elements and serialization formats on which Ed-Fi data systems are based*

The Ed-Fi Data Standard is a common model providing the data elements and serialization formats on which all other Ed-Fi data systems are based. | Types:

- Student Data
- Educator Data
- Institutional Data

**Stakeholder(s):****Ed-Fi Alliance :**

*A nonprofit funded by the Michael & Susan Dell Foundation working toward a future where student data is always standardized, always secure, and always supporting teachers and students.*

**Michael & Susan Dell Foundation****PK Primary Level****Secondary Ed Level****2.5. Competencies & Academic Standards**

*Represent competency frameworks*

Competencies & Academic Standards Exchange: A standard format for representing competency frameworks such as state standards, learning objectives, etc. | Type: Competency Data

**Stakeholder(s):****IMS Global Learning Consortium :**

*A nonprofit member organization that strives to enable the adoption and impact of innovative learning*

*technology. IMS standards focus on educational content, assessments, accessibility, and student data.*

**2.6. Continuing Education & Certification**

*Electronically compile continuing education (CE) and Maintenance of Certification*

MedBiquitous Activity Report: Activity Report allows organizations to electronically compile continuing education (CE) and Maintenance of Certification certificate data across providers, making it easier to track lifelong learning and improvement. | Types:

- Student Data
- Educator Data
- Institutional Data

**Stakeholder(s):****MedBiquitous (MedBiq) :**

*MedBiquitous is a program of the AAMC that develops and promotes technical standards for all health professions. These data standards support technologies for higher education/continuing education administration, health professions teaching and learning, and workforce training.*

**HigherEd Level****Workforce****Military****AAMC**

## 2.7. Achievements & Competencies

*Facilitate the exchange of data about a learner's achievements and competencies*

MedBiquitous Educational Achievement: The Educational Achievement standard facilitates the exchange of data about a learner's achievements and competencies across the continuum of professional education. It includes the ability to document entrustment decisions and achievement of milestones. | Types:

- Student Data
- Institutional Data
- Competency Data

### Stakeholder(s):

#### MedBiquitous (MedBiq) :

*MedBiquitous is a program of the AAMC that develops and promotes technical standards for all health professions. These data standards support technologies for higher education/continuing education administration, health professions teaching and learning, and workforce training.*

**AAMC**

**HigherEd Level**

**Workforce**

**Military**

**Learners**

## 2.8. Outcomes

*Bring outcomes data together across systems and organizations*

MedBiquitous Education Metrics: MedBiquitous Metrics (officially known as Medical Education Metrics [MEMS]) provides a standard format for continuing education (CE) outcomes data, allowing educators to bring outcomes data together across systems and organizations for better research. | Types:

- Student Data
- Educator Data
- Institutional Data

### Stakeholder(s):

#### MedBiquitous (MedBiq) :

*MedBiquitous is a program of the AAMC that develops and promotes technical standards for all health professions. These data standards support technologies for higher education/continuing education administration, health professions teaching and learning, and workforce training.*

**HigherEd Level**

**Workforce**

**Military**

**Educators**

## 2.9. Performance Standards

*Represent expected levels of performance related to a competency*

MedBiquitous Performance Framework: The Performance Framework standard allows one to represent expected levels of performance related to a competency in a standard format. Performance frameworks can then be referenced from other data to make learner performance data portable and easily understood across a learner's career. | Types: \*Institutional Data

- Competency Data

### Stakeholder(s):

#### MedBiquitous (MedBiq) :

*MedBiquitous is a program of the AAMC that develops and promotes technical standards for all health professions. These data standards support technologies for higher education/continuing edu-*

*cation administration, health professions teaching and learning, and workforce training.*

**AAMC**

**HigherEd Workforce Military**

## 2.10. Healthcare Professionals

*Exchange and compile profile data on healthcare professionals across organizations*

MedBiquitous Healthcare Professional Profile: The Healthcare Professional Profile provides a standard format for profile data on healthcare professionals, making it easier to exchange and compile data across organizations. | Types:

- Student Data
- Institutional Data

### Stakeholder(s):

#### MedBiquitous (MedBiq) :

*MedBiquitous is a program of the AAMC that develops and promotes technical standards for all health professions. These data standards support technologies for higher education/continuing education administration, health professions teaching and learning, and workforce training.*

**HigherEd Level**

**Workforce**

**Military**

**Healthcare Professionals**

## 2.11. Students, Courses & Grades

*Document information related persons, courses and grades*

PESC Core Main: Base information related to core data related to the person, course, and grade. Serves as the foundation for all other PESC standards. | Type:

- Student Data
- Educator Data
- Institutional Data
- Competency Data

### Stakeholder(s):

#### Postsecondary Electronic Standards Council (PESC) :

*An open standards-development and standards-setting body, PESC develops and advocates for data standards and protocols with a particular focus*

*on the transfer of student records to and between colleges and universities.*

**HigherEd Level**

**Workforce**



## 2.12. Academic Records

*Provide transcript information, including test score reporting*

PESC Academic Record: Uses Core Main. Includes information that would appear on a transcript including test score reporting. | Types:

- Student Data
- Institutional Data

**Stakeholder(s):**

**PESC**

**Workforce**

**HigherEd Level**

## 2.13. Admissions

*Document admissions information*

PESC Admissions Record: Uses Core Main. Includes admissions specific information. | Types:

- Student Data
- Institutional Data

**Stakeholder(s):**

**PESC**

**HigherEd Level**

## 2.14. Degrees, Certifications & Credentials

*Communicate degrees, certifications and other credentials obtained by students*

PESC Common Credential for Certificates, Degrees and Diplomas: An XML Data Standard to be used by any organization, college, university, school, district, state, province, and/or service provider to fully communicate degrees, certifications and other similar credentials obtained by the student. | Type:

- Student Data
- Institutional Data
- Competency Data

**Stakeholder(s):**

**PESC**

**HigherEd Level**

**Secondary Level**

**Workforce**

## 2.15. ePortfolios

*Facilitate the transmission of eportfolio data*

PESC ePortfolio: The Academic ePortfolio schema facilitates the transmission of eportfolio data from one eportfolio system to another. | Type: Student Data

**Stakeholder(s):**

**PESC**

**HigherEd Level**

## 2.16. Credentials

*Document diplomas, academic degrees, certifications, qualifications and badges*

Educational or Occupational Credential: A diploma, academic degree, certification, qualification, badge, etc., that may be awarded to a person or other entity that meets the requirements defined by the credentialer. Developed and submitted to Schema.org by the W3C EOC Community Group. | Type:

- Student Data
- Institutional Data

### Stakeholder(s):

#### Schema.org :

*Originating as a joint effort by Google, Microsoft, Yahoo, and Yandex, Schema.org produces metadata vocabularies for web content. Vocabularies are developed by an open community process coordinated through mailing lists and GitHub.*

**Google**

**Microsoft**

**Yahoo**

**Yandex**

**W3C EOC Community Group**

**Secondary Level**

**HigherEd Level**

**Workforce**

**Credentialers**

## 2.17. Educational Data

*Represent educational data*

Common Education Data Standards: Data Dictionary and Logical Data Model for representing educational data of all sorts. | Type:

- Competency Data
- Student Data
- Educator Data
- Content Data

### Stakeholder(s):

#### U.S. Department of Education :

*An agency of the U.S. Government led by the Secretary of Education.*

#### National Center for Education Statistics (NCES) :

*The data initiatives at US Ed include the National Center for Education Statistics (NCES) and the Common Education Data Standards.*

### 3. Metadata

*Collect and share metadata*

#### 3.1. Credentials

*Describe credential-related resources*

Credential Transparency Description Language: Enables rich description of credential-related resources related (linked) to other entities in the credentialing ecosystem. Described resources include assessments, learning opportunities, requirements, costs, and conceptual frameworks. Resource descriptions support labor market outcomes, education and career pathways, and employer preferences. | Type: Content Metadata

**Stakeholder(s):**

**Credential Engine :**

*A non-profit with a mission to create credential transparency, reveal the credential marketplace, increase credential literacy, and empower everyone to make more informed decisions about credentials and their value.*

**PK Ed Level**

**Primary Ed Level**

**Secondary Ed Level**

**HigherEd Level**

**Workforce**

**Military**

#### 3.2. Learning Resources

*Describe learning resources and their relationship to standards or competencies*

Learning Resource Metadata Initiative: A set of metadata terms for describing learning resources and their relationship to standards or competencies. The LRMI terms are incorporated into Schema.org Creative Work. | Type: Content Metadata

**Stakeholder(s):**

**Dublin Core Metadata Initiative (DCMI) :**

*An organization supporting innovation in metadata design and best practices across the metadata ecology.*

**Association for Information Science and Technology :**

*DCMI is a project of the Association for Information Science and Technology.*

#### 3.3. Learning Objects

*Describe learning objects and resources*

Learning Object Metadata: A schema for metadata that describes learning objects and resources. | Type: Content Metadata

**Stakeholder(s):**

**IEEE Learning Technology Standards Committee (LTSC) :**

*Chartered by the IEEE Computer Society Standards Activity Board, the LTSC works to develop internationally accredited technical standards, rec-*

*ommended practices, and guides to learning technology. In addition to standards developed directly, the LTSC also manages standardization of specifications developed by other organizations.*

### 3.4. Performance Management

*Allow competencies and learning outcomes to be used as the backbone of education and performance management systems*

MedBiquitous Competency Framework: The Competency Framework allows competencies and learning outcomes to be used as the backbone of education and performance management systems, enabling users to search for resources addressing a specific competency and determine where competencies are addressed in the curriculum. | Types:

- Competency Data
- Content Metadata

#### Stakeholder(s):

##### MedBiquitous (MedBiq) :

*MedBiquitous is a program of the AAMC that develops and promotes technical standards for all health professions. These data standards support technologies for higher education/continuing education administration, health professions teaching and learning, and workforce training.*

**HigherEd Level**

**Workforce**

**Military**

### 3.5. Health Professions Curriculum

*Facilitate the exchange and aggregation of data about health professions curriculum*

MedBiquitous Curriculum Inventory: Curriculum Inventory facilitates the exchange and aggregation of data about health professions curriculum across the continuum of professional education and training. It enables the aggregation of curriculum data for research and benchmarking. | Types:

- Institutional Data
- Competency Data
- Content Metadata

#### Stakeholder(s):

##### MedBiquitous (MedBiq) :

*MedBiquitous is a program of the AAMC that develops and promotes technical standards for all health professions. These data standards support technologies for higher education/continuing education administration, health professions teaching and learning, and workforce training.*

**HigherEd Level**

**Workforce**

**Military**

### 3.6. Healthcare Learning Objects

*Describe learning activities and content*

MedBiquitous Healthcare Learning Object Metadata: Healthcare Learning Object Metadata (Healthcare LOM) provides a standard way to describe learning activities and content, making it possible to maximize the value of your content and connect to the broader community of healthcare educators. | Type: Content Metadata

**HigherEd Level**

**Workforce**

**Military**

**Healthcare Educators**

### 3.7. Clinical Scenarios

*Simulate real life clinical scenarios for educational purposes*

MedBiquitous Virtual Patient: Virtual Patients are interactive computer programs that simulate real life clinical scenarios for educational purposes. The MedBiquitous Virtual Patient standard (MVP) enables the exchange of virtual patients across systems and institutions. | Type:

- Content Metadata
- Content Packaging & Integration

**Stakeholder(s):**

**MedBiquitous**

**HigherEd Level**

**Workforce**

**Military**

## 4. Content

### *Produce and share content*

#### 4.1. SCORM

*Develop and publish reusable digital learning resources*

Sharable Content Object Reference Model: A format for developing and publishing reusable digital learning resources for use in learning management systems and other learning environments. | Type: Content Packaging

##### **Stakeholder(s):**

##### **Advanced Distributed Learning Initiative (ADL) :**

*An initiative sponsored by the U.S Government, ADL seeks to facilitate interoperability and promote best practices for using distributed learning to provide high-quality education, training, an informal learning tailored to individual needs. Many specifications developed by ADL are standardized by the IEEE LTSC. Initially exclusive to the U.S. Department of*

*Defense, ADL also serves the entire Federal workforce and global partners.*

**HigherEd Level**

**Workforce**

**Military**

#### 4.2. EPUB for Education

*Publish digital books targeted at education*

EPUB for Education: A profile of the IDPF EPUB standard for digital book publishing targeted at education. | Type: Content Packaging

##### **Stakeholder(s):**

##### **International Digital Publishing Forum (IDPF) :**

*The IDPF has been merged into the W3C which has taken over governance of the EPUB family of stan-*

*dards. EPUB for Education is still available on the IDPF archive website.*

**Secondary Ed Level**

**HigherEd Level**

#### 4.3. Courses

*Package content for course materials*

IMS Common Cartridge: A content packaging standard for course materials. | Type: Content Packaging

##### **Stakeholder(s):**

##### **IMS Global Learning Consortium :**

*A nonprofit member organization that strives to enable the adoption and impact of innovative learning*

*technology. IMS standards focus on educational content, assessments, accessibility, and student data.*

#### 4.4. Content & Metadata

*Package content and associated metadata for exchange between educational systems*

IMS Content Packaging: A format for packaging content and associated metadata for exchange between educational systems. | Type: Content Packaging

**Stakeholder(s):**

**IMS Global Learning Consortium :**

*A nonprofit member organization that strives to enable the adoption and impact of innovative learning*

*technology. IMS standards focus on educational content, assessments, accessibility, and student data.*

**Educational Systems**

#### 4.5. Questions & Tests

*Package content for questions (assessment items) and tests*

IMS Question and Test Interoperability: A content packaging format for questions (assessment items) and tests. QTI 3.0 incorporates the accessibility features formerly defined in IMS APIP. | Type: Content Packaging

**Stakeholder(s):**

**IMS Global Learning Consortium :**

*A nonprofit member organization that strives to enable the adoption and impact of innovative learning*

*technology. IMS standards focus on educational content, assessments, accessibility, and student data.*

## 5. Protocols

*Apply relevant protocols*

### 5.1. SIF Infrastructure

*Enable the transmission of educational information*

SIF Infrastructure: Protocol for transmitting educational information. | Types:

- Student Data
- Educator Data
- Institutional Data
- Content Metadata

#### Stakeholder(s):

#### **Access 4 Learning Community (A4L) :**

*Defines the SIF family of standards for educational and student data with a focus on K-12 operations.*

**PK Ed Level**

**Primary Ed Level**

**Secondary Ed Level**

**HigherEd Level**

### 5.2. Experience API

*Report and track learning activities and student experiences*

Experience API: A protocol for reporting and tracking learning activities and student experiences. | Type: Student Data

#### Stakeholder(s):

#### **Advanced Distributed Learning Initiative (ADL) :**

*An initiative sponsored by the U.S Government, ADL seeks to facilitate interoperability and promote best practices for using distributed learning to provide high-quality education, training, an informal learning tailored to individual needs.*

#### **IEEE LTSC :**

*Many specifications developed by ADL are standardized by the IEEE LTSC.*

#### **U.S. Department of Defense :**

*Initially exclusive to the U.S. Department of Defense, ADL also serves the entire Federal workforce and global partners.*

**Federal Workforce**

### 5.3. Blockcerts

*Create, issue, view, and verify blockchain-based certificates*

Blockcerts is an open standard for creating, issuing, viewing, and verifying blockchain-based certificates. These digital records are registered on a blockchain, cryptographically signed, tamper-proof, and shareable. The goal is to enable a wave of innovation that gives individuals the capacity to possess and share their own official records. | Types:

- Student Data
- Competency Data



## 5.4. Assessment Outcomes

*Enable exchange of assessment metadata and student assessment results*

The Ed-Fi Assessment Outcomes API describes a REST API surface to enable exchange of assessment metadata and student assessment results between disparate and geographically separated systems operated by different organizations. | Types:

- Student Data
- Content Metadata

### Stakeholder(s):

#### Ed-Fi Alliance :

*A nonprofit funded by the Michael & Susan Dell Foundation working toward a future where student data is always standardized, always secure, and always supporting teachers and students.*

#### Michael & Susan Dell Foundation

**PK Ed Level**

**Primary Ed Level**

**Secondary Ed Level**

## 5.5. Core Student Data

*Describe a REST API surface that covers the core data domains typically managed by student information systems in K–12 education*

The Ed-Fi Core Student Data API standard describes a REST API surface that covers the core data domains typically managed by student information systems in K–12 education. These standards can be used to drive analysis of student performance, both alone and in combination with data from other systems.

### Stakeholder(s):

#### Ed-Fi Alliance :

*A nonprofit funded by the Michael & Susan Dell Foundation working toward a future where student data is always standardized, always secure, and always supporting teachers and students.*

**PK Ed Level**

**Primary Ed Level**

**Secondary Ed Level**

## 5.6. Enrollment

*Transfer basic student and teacher demographic data and enrollment data for K–12 education*

The Ed-Fi Enrollment API describes a set of read-only REST APIs for transfer of basic student and teacher demographic data and enrollment data for K–12 education. The API is intended to allow source systems to provide the basic data needed to provision a broad range of online teaching and learning applications. | Types:

- Student Data
- Educator Data
- Institutional Data

### Stakeholder(s):

#### Ed-Fi Alliance :

*A nonprofit funded by the Michael & Susan Dell Foundation working toward a future where student data is always standardized, always secure, and always supporting teachers and students.*

**PK Level**

**Primary Ed Level**

**Secondary Ed Level**

## 5.7. Learning Events

*Transmit and collect learning events*

IMS Caliper Analytics: A protocol for transmitting and collecting learning events for later analysis. | Type: Student Data

### Stakeholder(s):

#### IMS Global Learning Consortium :

*A nonprofit member organization that strives to enable the adoption and impact of innovative learning*

*technology. IMS standards focus on educational content, assessments, accessibility, and student data.*

## 5.8. Tools & Experiences

*Enable learning management systems to incorporate custom learning tools or experiences*

IMS Learning Tools Interoperability: A protocol that enables a learning management system to incorporate custom learning tools or experiences offered by another system. Type: Content Integration

### Stakeholder(s):

#### IMS Global Learning Consortium :

*A nonprofit member organization that strives to enable the adoption and impact of innovative learning*

*technology. IMS standards focus on educational content, assessments, accessibility, and student data.*

### Learning Management Systems

## 5.9. Skills & Achievements

*Communicate skills and achievements*

Open Badge Infrastructure: A format for communicating skills and achievements.

### Stakeholder(s):

#### IMS Global Learning Consortium :

*A nonprofit member organization that strives to enable the adoption and impact of innovative learning*

*technology. IMS standards focus on educational content, assessments, accessibility, and student data.*

## 5.10. Class Rosters

*Exchange class roster information*

OneRoster: A protocol and format for secure exchange of class roster information between applications. | Type: Student Data

### Stakeholder(s):

#### IMS Global Learning Consortium :

*A nonprofit member organization that strives to enable the adoption and impact of innovative learning*

*technology. IMS standards focus on educational content, assessments, accessibility, and student data.*

## 6. Competency & Achievement

*Document and share information about competencies and achievements*

### 6.1. Science Education

*Establish standards and a competency framework for science education*

Next Generation Science Standards: A set of standards and competency framework for science education. Adopted by several states. | Type: Competency & Achievement

#### Stakeholder(s):

##### Achieve :

*A nonprofit education organization with a focus on helping states and districts make college and career readiness a priority for all students. Among their many activities, Achieve coordinates the development*

*and promotion of the Next Generation Science Standards.*

**Primary Ed Level**

**Secondary Ed Level**

### 6.2. Common Core

*Specify competency standards for English Language Arts - Literacy and Mathematics*

Common Core State Standards: Competency standards for English Language Arts - Literacy and Mathematics for K-12. Adopted by many U.S. States. | Type: Competency & Achievement

#### Stakeholder(s):

##### Council of Chief State School Officers (CCSSO) :

*A nonpartisan, nationwide, nonprofit organization of public officials who head departments of elementary and secondary education in the United States. The CCSSO, in partnership with the National Governors Association coordinates the Common Core State*

*Standards for English Language Arts/Literacy and Mathematics.*

**Primary Ed Level**

**Secondary Ed Level**

### 6.3. Technology-Supported Learning

*Provide a framework of practice for technology-supported learning*

The ISTE Standards are a framework of practice for technology-supported learning. They include standards for students, educators, leaders, and coaches. | Type: Competency & Achievement

#### Stakeholder(s):

##### International Society for Technology in Education (ISTE) :

*ISTE is a member organization that advocates for technology use to improve student learning. ISTE holds an annual conference, publishes professional journals and offers professional learning opportunities.*

**Students**

**Educators**

**Leaders**

**Coaches**

## 7. Designs & Practices

*Apply relevant designs and practices*

### 7.1. UDL

*Optimize teaching and learning*

Universal Design for Learning: A framework to optimize teaching and learning based on learning science and in support of students of all abilities. | Type: Design & Practice

**Stakeholder(s):**

**CAST :**

*A nonprofit education research and development organization that works to expand learning oppor-*

*tunities for all individuals through Universal Design for Learning.*

### 7.2. Privacy

*Protect the privacy of student education records*

Family Educational Rights and Privacy Act: A U.S. Federal law that protects the privacy of student education records. | Type: Design & Practice

**Stakeholder(s):**

**U.S. Government**

**Secondary Level**

**PK Level**

**HigherEd Level**

**Primary Level**

### 7.3. Accessibility

*Make IT applications accessible to persons with disabilities*

Section 508 Accessibility Requirements: U.S Federal Government Requirements for accessibility of IT applications. | Type: Design & Practice

**Stakeholder(s):**

**U.S. Government**

**HigherEd Level**

**PK Level**

**Workforce**

**Primary Level**

**Military**

**Secondary Level**

**Persons with Disabilities**

## 7.4. Accessibility

*Ensure that web content is accessible to people with disabilities*

Web Content Accessibility Guidelines: A set of guidelines for ensuring that web content is accessible to people with disabilities. | Type: Design & Practice

**Stakeholder(s):**

**World Wide Web Consortium (W3C) :**

*The W3C sets foundational standards for the world-wide web and promotes interoperability among web applications.*

**People with Disabilities**

### Administrative Information

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