

P7004

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Type of Project: New IEEE Standard

PAR Request Date: 06-Feb-2017

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PAR Expiration Date: 31-Dec-2021

Status: PAR for a New IEEE Standard

Project Record: P7004

1.1 Project Number: P7004

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Child and Student Data Governance

3.1 Working Group: Working Group for Child and Student Data Governance (C/LT/WG-CSDG)

Contact Information for Working Group Chair

Name: Marsali Hancock

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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Computer Society/Learning Technology (C/LT)

Contact Information for Sponsor Chair

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4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 02/2019

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 10/2019

5.1 Approximate number of people expected to be actively involved in the development of this project: 40

5.2 Scope: The standard defines specific methodologies to help users certify how they approach accessing, collecting, storing, utilizing, sharing, and destroying child and student data. The standard provides specific metrics and conformance criteria regarding these types of uses from trusted global partners and how vendors and educational institutions can meet them.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: This standard is designed to provide organizations handling child and student data governance-oriented processes and certifications guaranteeing the transparency and accountability of their actions as it relates to the safety and wellbeing of children, their parents, the educational institutions where they are enrolled, and the community and societies where they spend their time, both on and offline. It is also designed to help parents and educators, with an understanding that most individuals may not be tech-savvy enough to understand underlying issues of data usage, but still must be properly informed about the safety of their children's data and provided with tools and services that provide proper opportunities for content based, pre-informed choice regarding their family's data.

5.5 Need for the Project: There are no unified standards regarding the safe and accountable care of students' or children's data. Schools use data to track and monitor academic progress. Student Information Systems (SIS) maintain private, confidential and sometimes very sensitive personal information on students and their families. Additional systems and applications are used to improve efficiency and facilitate classroom collaboration and communication, academic institutions and teachers determine these systems, applications and their vendors. Students and their parents must trust that data collected, especially confidential information used during their academic experiences, will be safeguarded and protected. Just as parents expect children's physical safety while on campus and traveling on school buses, education organizations are charged

with safeguarding students' data and digital identity. At home, children need to have the core data representing their identities protected from the time they touch their first iPad, speak into an Alexa, or live in a home with Google's NEST. The unique information representing who they are cannot be tracked, harvested or distributed without proper protections regarding the data assets that belong to them as unique citizens of the world.

To make informed choices about their child's digital identity parents must know who has access to their data, what is collected and why, how it will be used and then have clear expectations about when the data will be deleted and destroyed. Parents need to know they can protect their children's data as they would their safety, with trusted tools from accredited partners aiding educational institutions for the proper collection, usage, storage and removal of child and youth data. This includes proper accounting for how long certain data is needed for various transactions and who should receive the data with express content before transactions take place along with the technical means of removing data from servers at a parent's discretion if they feel their child's data has been misused.

5.6 Stakeholders for the Standard: The stakeholders include vendors, adult students, children, their parents / caregivers / guardians, educators, and any organization wishing to access a child's data, whether in overt form (in the form of an educational based technology for example) or hidden (algorithms accessing child data for advertising, marketing, email / transfer) or any other purposes. This standard will also apply to any technical staff or educators helping to implement this standard and these certifications within their educational institutions.

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes: