Improving Biometric and Forensic Technology:

The Future of Research Datasets

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NIJ

NIJ / NIST Collaborative Effort

- Origin of the effort—

  To address perceived limitations of existing biometric data collections towards developing a new latent fingerprint research database to help the research community build the next generation of latent fingerprint algorithms.

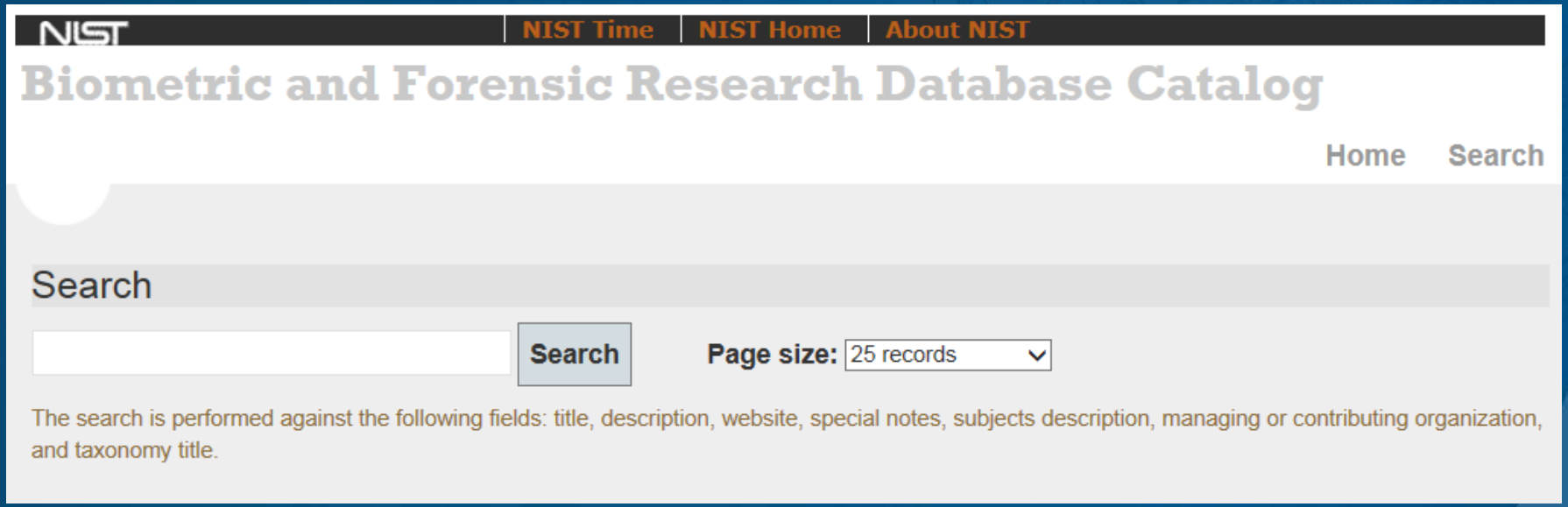
What would the next-generation SD 27 database look like?

NIJ / NIST Collaborative Effort

- **Identify the concerns** related to distributing biometric data collections and recommend how these issues could be mitigated.
- **Perform a comprehensive survey** of existing publicly-available biometric databases.
- **Hold a stakeholder workshop** to discuss the needs and requirements of next generation biometrics databases for public research use.
- **Develop a roadmap** identifying future biometric database collection needs and strategies.

Biometric and Forensic Research Database Catalog

https://tsapps.nist.gov/bdbc



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Workshop Topics

- The Role of Research Datasets in Improving Biometric and Forensic Technology
- Challenges in the Collection and Use of Biometric and Forensic Datasets
- Privacy and Legal Issues in the Collection, Distribution, and Use of Biometric and Forensic Datasets
- NIST's Biometric and Forensic Research Database Catalog Overview
- Statistical Significance in Biometric and Forensic Datasets