



Computer Software Changes the Society

Computer Software Laboratory

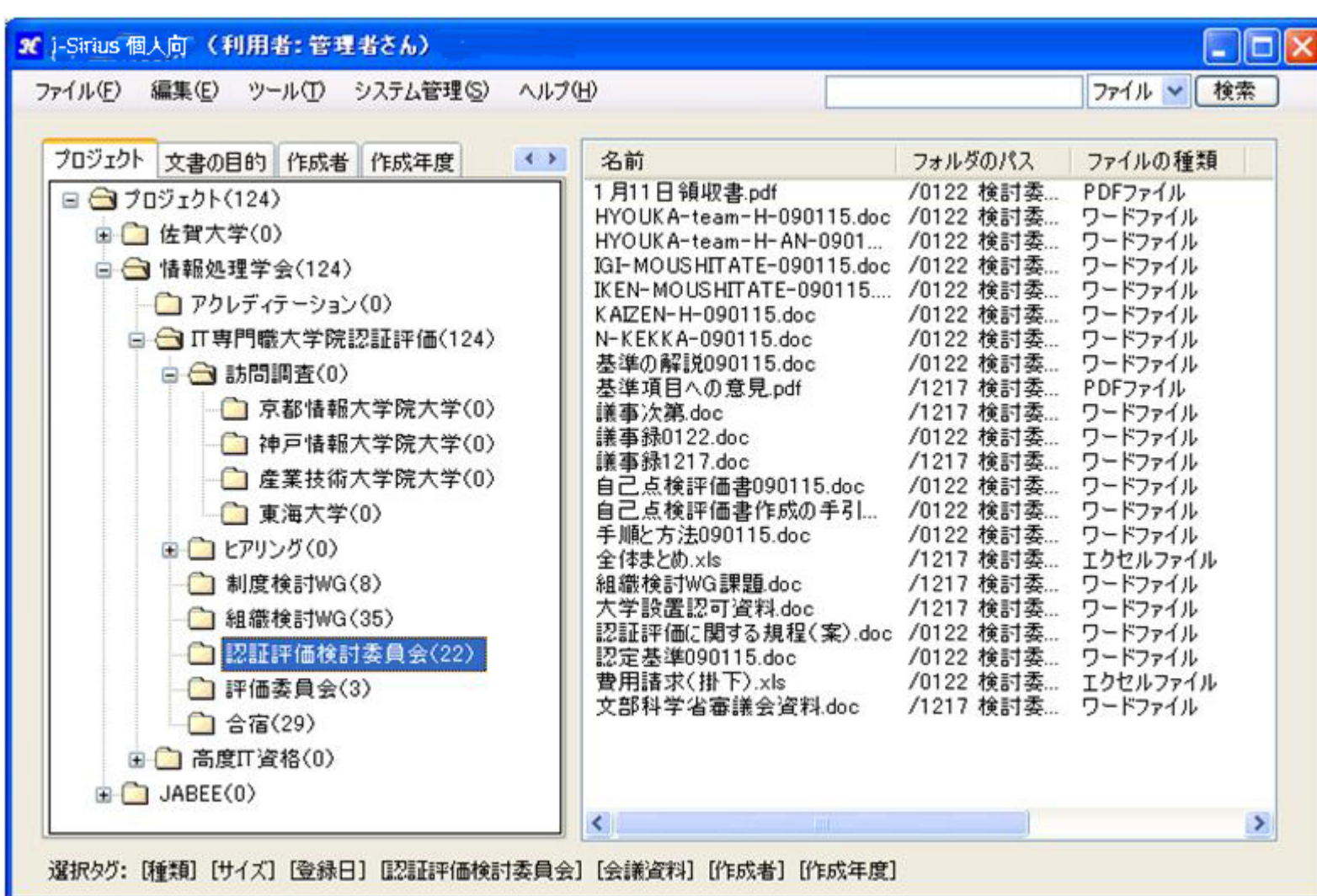
Our Vision

Various software are utilized at our ever aspects of life such as smartphone, consumer electronics, automobile, traffic, shop, finance, education, hospital and government. Modern software and information systems are fundamental infrastructure of the society.

Innovative software based on various ideas will change the society and culture. Some of such examples, which dramatically changes the way how people work, are personal computer, internet, Google, mobile phone, Facebook, Moodle.

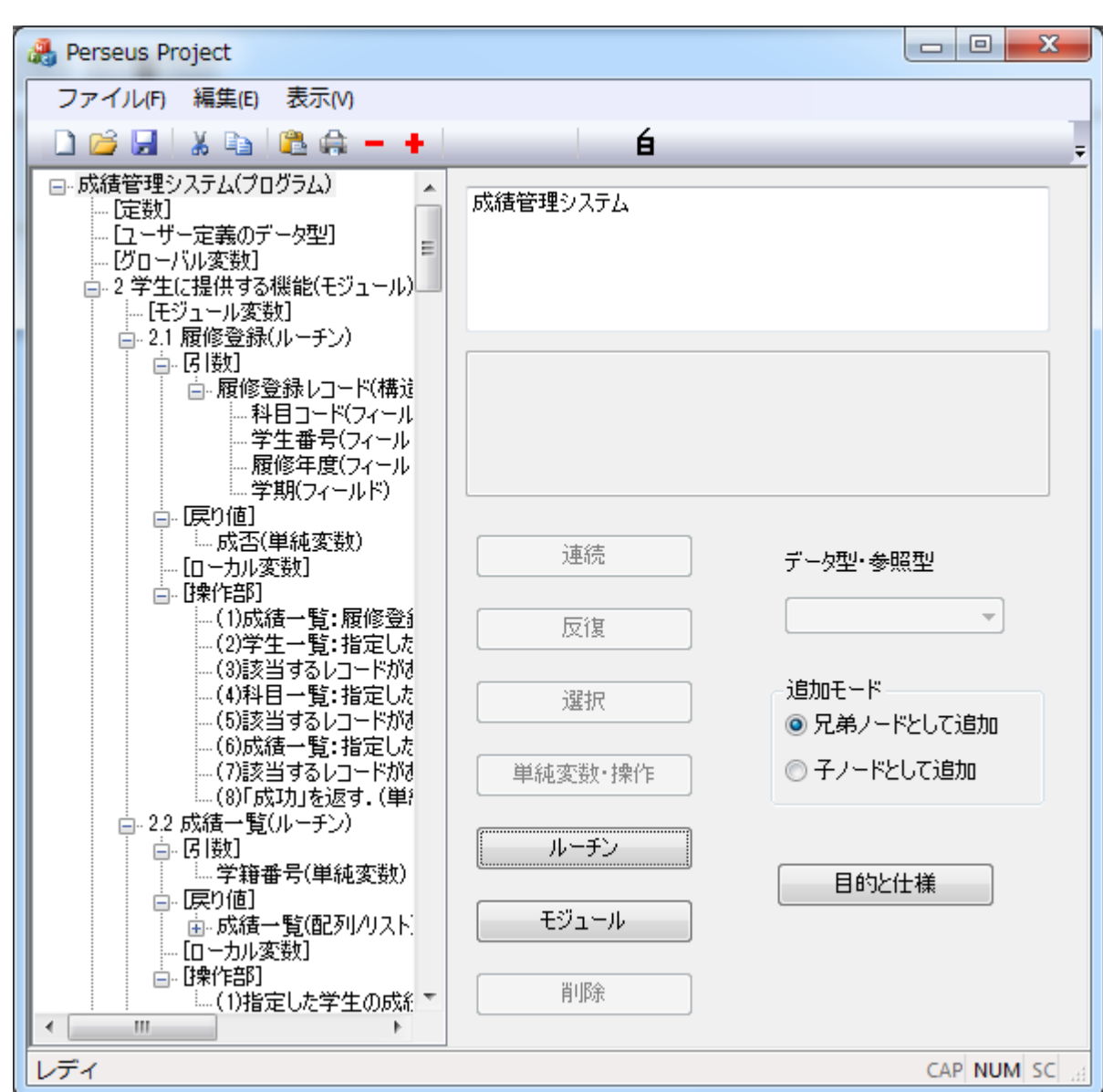
Our laboratory focuses on creating and developing various software and IT services for the future society such as Society 5.0 and Digital Transformation.

Research Project



File Classification Tool HyperClassifier using Multi-Dimensional Classification

- Systematic Arrangement of Large Amount of Digital Data
- Easy Retrieval and Registration of Classified Data



Software Design Support Tool Perseus

- Systematic Software Design is a Foundation of High Quality Software
- Support Students to Learn Software Design
- Automatic Comparison with Right Answer

Programming Education Support Tool pgtracer utilizing Fill-in-the-blank Questions



- Automatic scoring of student answers
- Learning Analytics of the Student Log
- Improvement of Education through PDCA Cycle

Other Research Themes

Requirements Engineering
Education Support
Tool REMEST

Programming Education Support at
Primary and Secondary School

Privacy Protection Mechanism
considering GDPR

Message to the Students

- Effort × Idea ⇒ Innovation
- Goal × Plan ⇒ Achievement
- Improve your proficiency through enjoyable and rewarding research
- One will have various opportunities if he/she has a clear vision



国立大学法人
佐賀大学

Contact

Tetsuro Kakeshita, Associate Professor

E-mail: kake@is.saga-u.ac.jp