The Organizational Knowledge Circulated Management System on e-Learning Practices & Direction to Next Concept

Toshio Okamoto, PhD Professor
University of Electro-Communications, Tokyo-Japan

President: Japanese Society of Information System on Education

Knowledge Society and Next Society

- By network technology, we need the total management system for knowledge producers, providers and consumers
- From structured knowledge to ill-structured knowledge
- Methodology change…….classroom lecturing to modern apprenticeship
- Change of Employment Systems

Entity of CL

AP/Tool

AP/Tool

CW profile (design description)

Data-log of Learning process

Share window & Operation from Multi sites

AP/Tool

AP/Tool

Social computing

Descriptive model

The principles of e-Pedagogy from Social computing

- Demand Driven
- Self-Identity through social activity
- One Top Access to Real World and Data
- Constructional Conjunction for Semantics and Concept by Interactive activity

Why we need e-pedagogy?

- Changing teachers/instructors' roles?
- Changing teaching/learning styles?
- Changing teaching/learning resources?
- Changing methodologies of teaching/learning?
- Changing peoples' thinking ways, mentality?
- Changing social/industry/business infrastructure?

Dimensions(parameters) of Learning Design

Highly structured	**Structure**	No structure
high	**Teacher control**	low
external	**Moderation of learning**	internal
external	**Learner motivation**	internal
Curriculum based	**Learning content**	Learner based
Unilateral by teacher	**Assessment**	Unilateral by learner

As design & operational factors

Changing Pedagogics

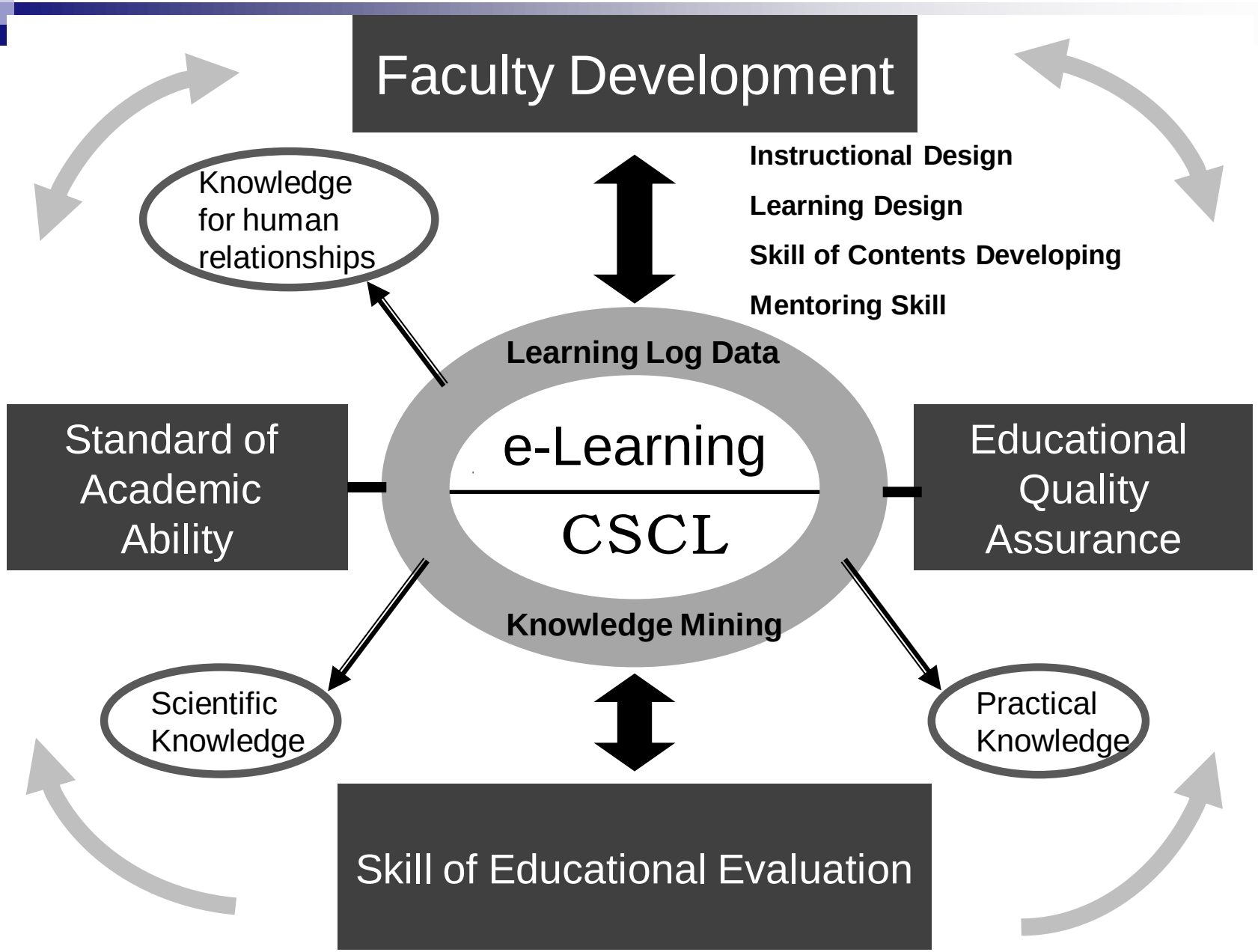
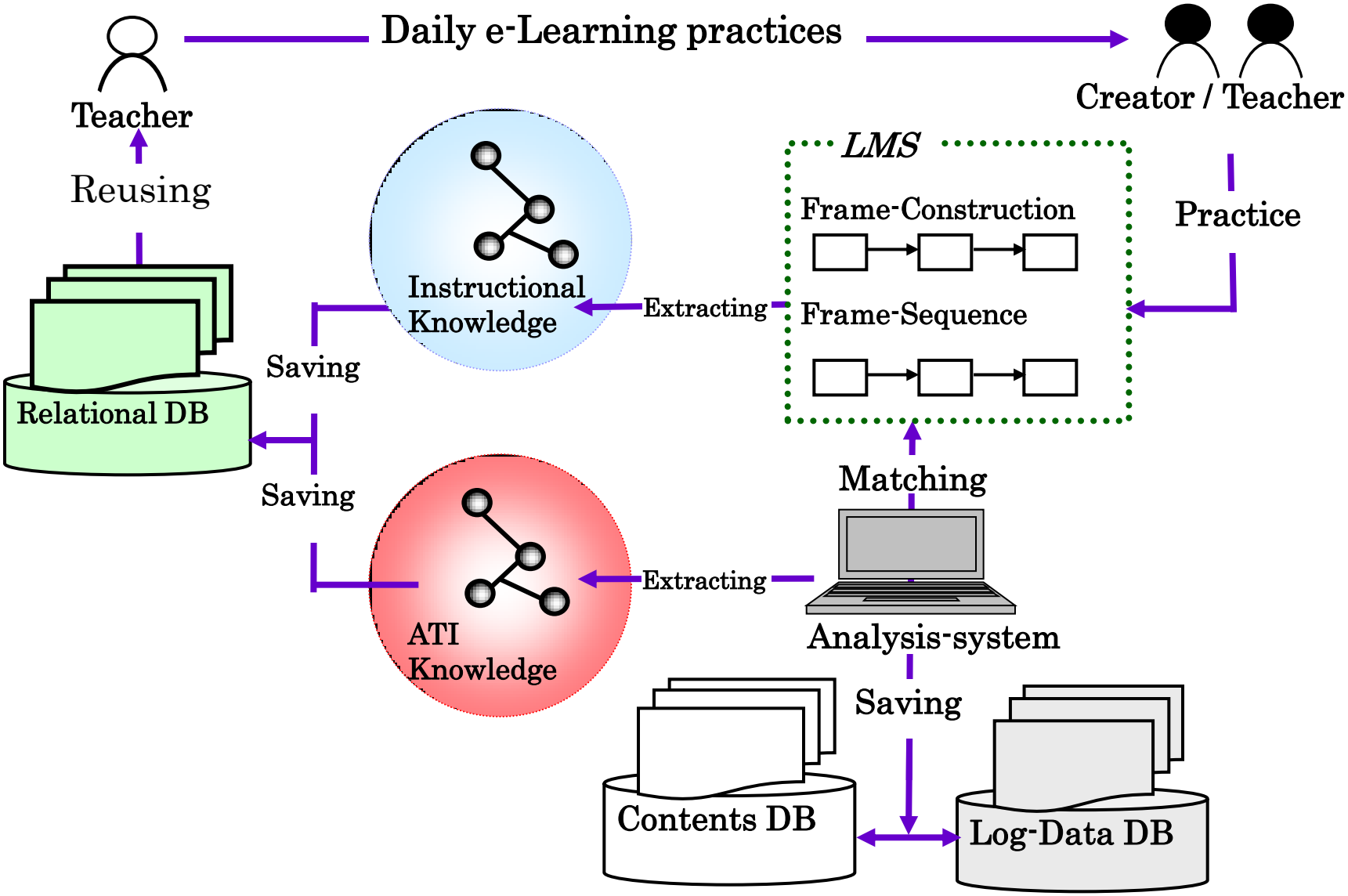
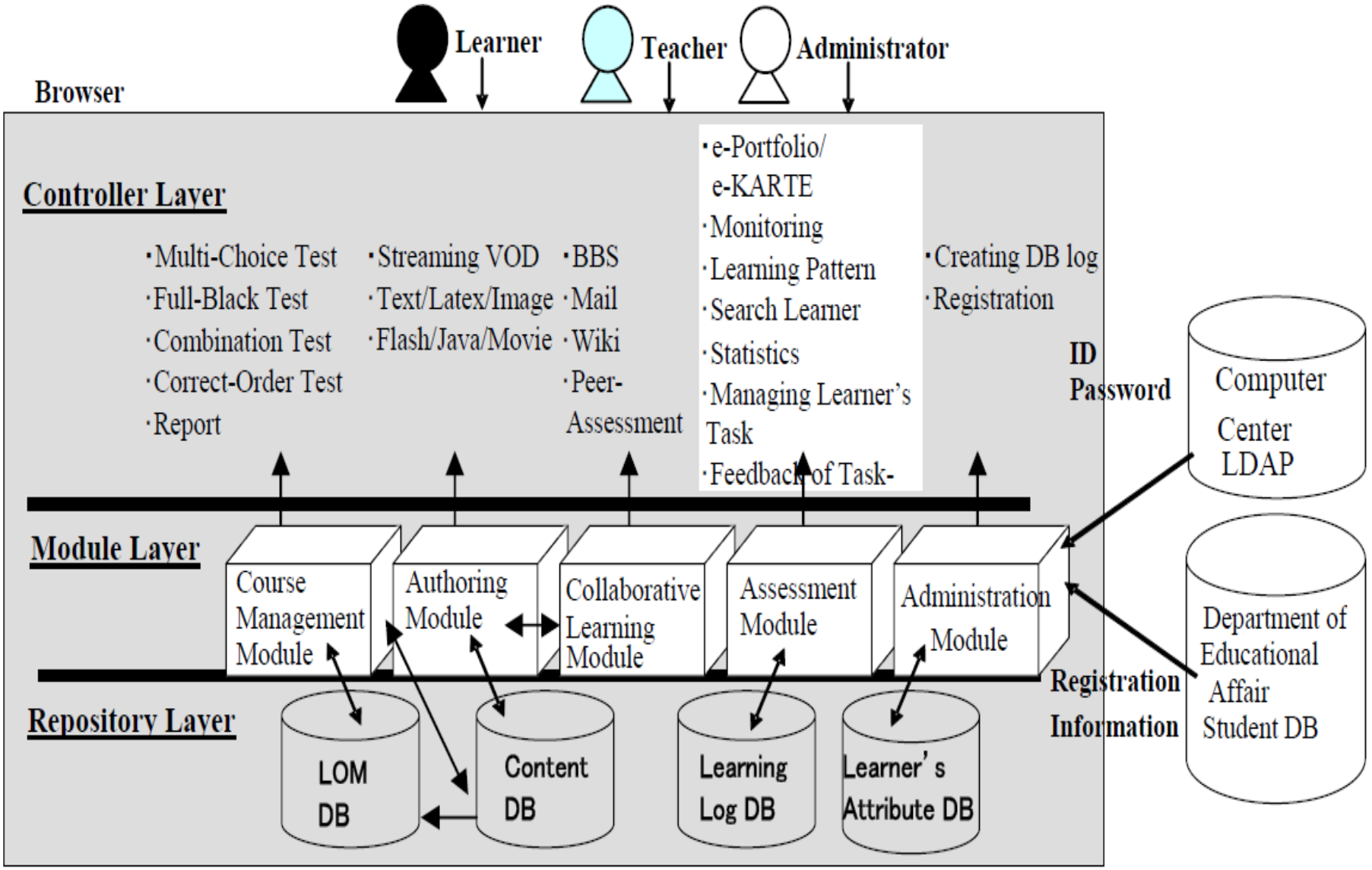


Fig.3 Mission of CDEL

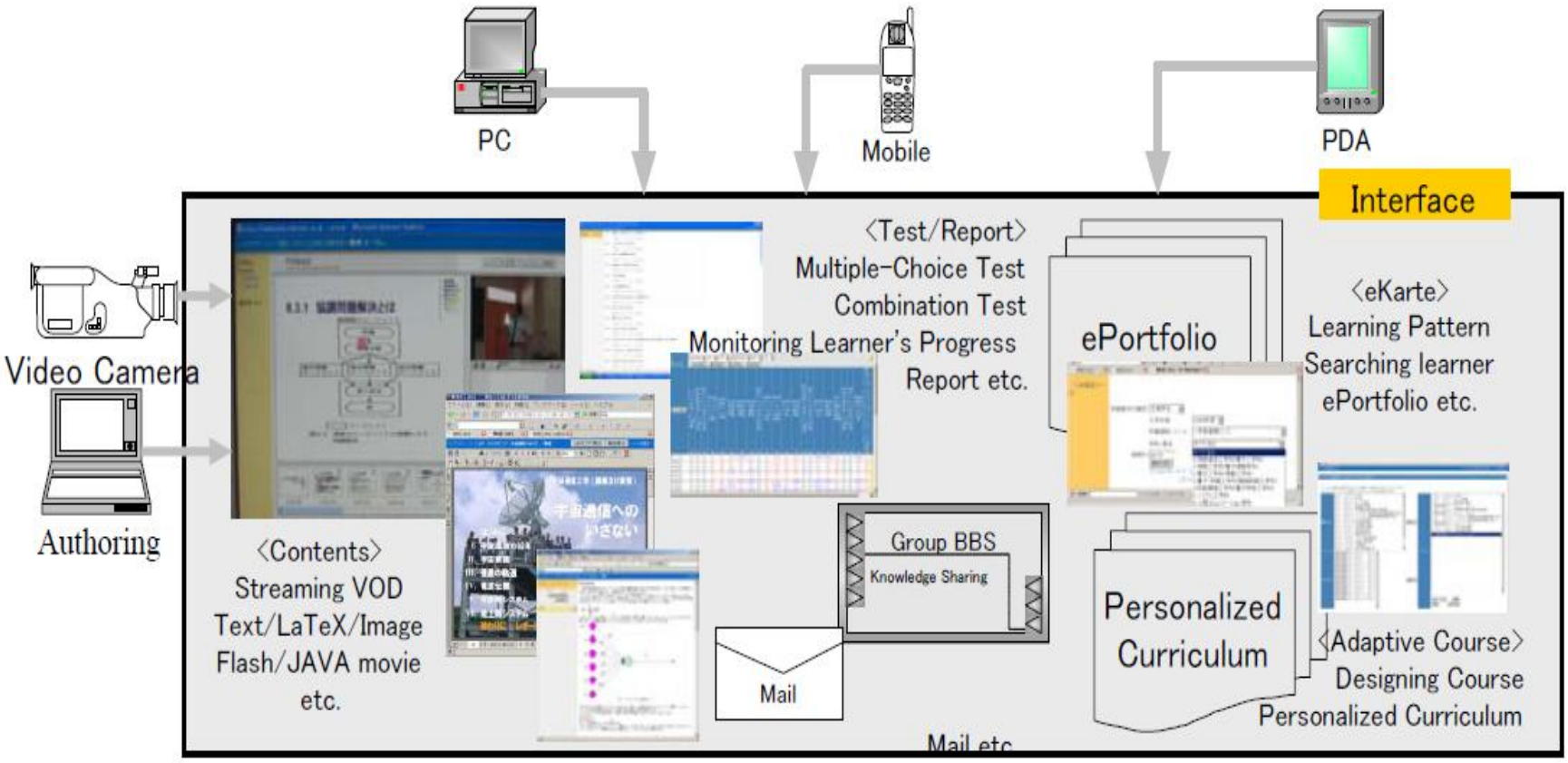
Organizational knowledge circulating management system



WebClass-RAPSODY



The specified system configuration for authoring and learning supports



E-Karte

- Immediate feedback for learning progress
- Mentoring & Monitoring
- Revise e-contents
- Management improvement

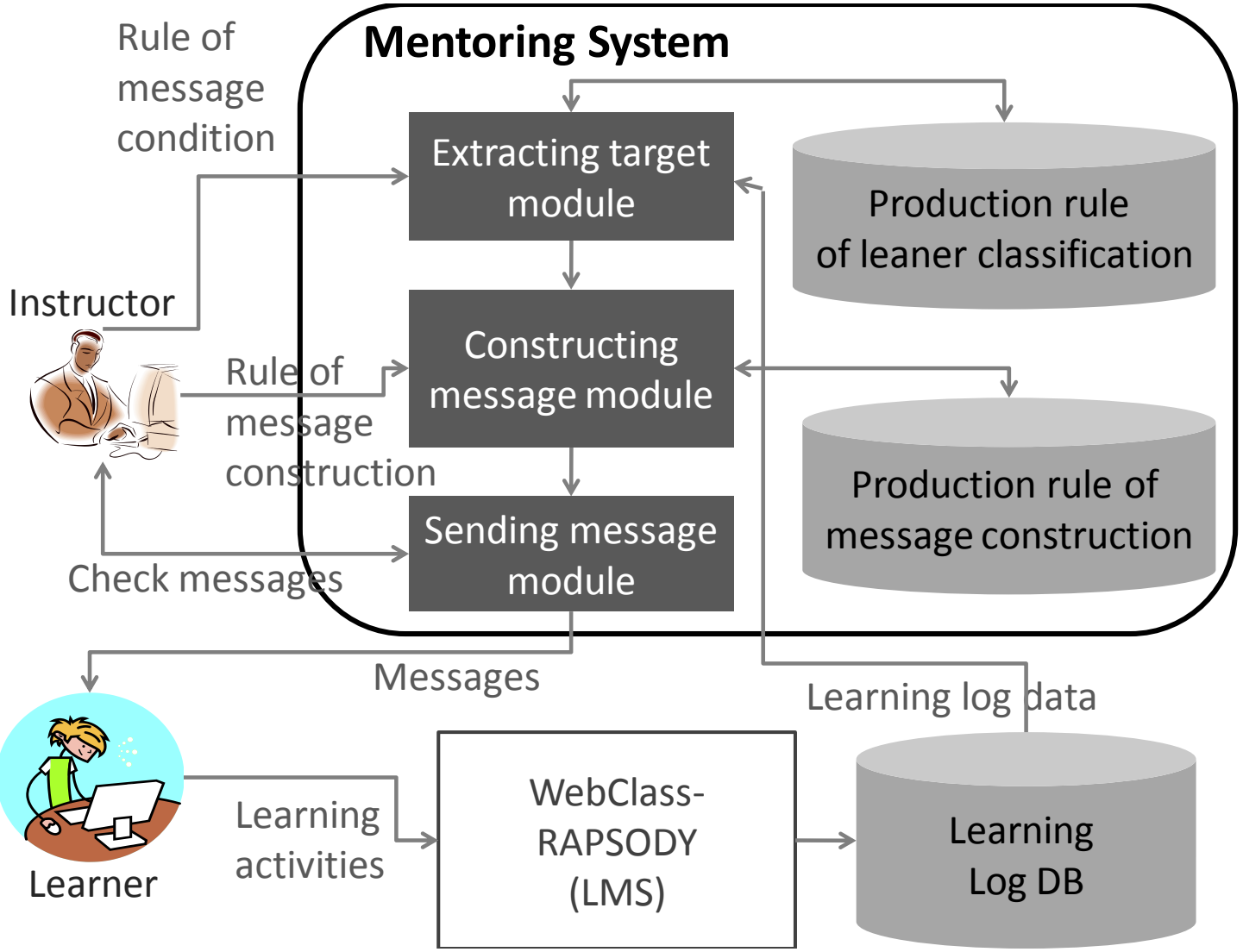


Fig.5 Architecture of mentoring system

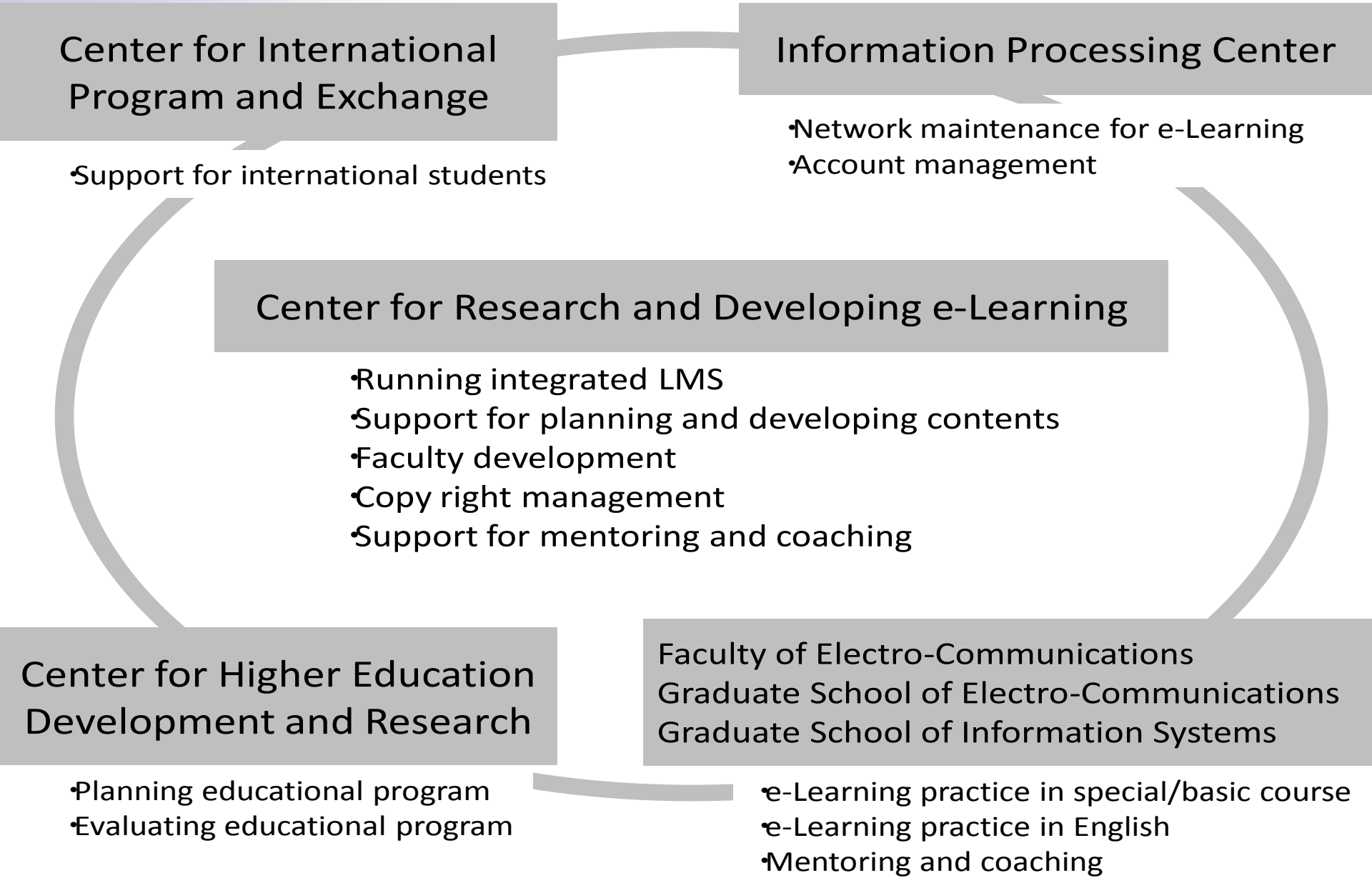


Fig.1 Organizational collaboration in UEC

Open Learning Environment and Executing Strategies for Human Development

- **Curriculum and Subjects(basic/up-to-date)**
- **Quality of Courses**
- **Competency Assurance -> national certification and qualification-> authorization**
- **Cost Burden**
- **Sustainable Supports (pedagogical and physical)**
- **Linkage with real workshops**

Opening Remarks

E-Pedagogy map

Conclusions

- ***Sustainable organizational managing scheme for human development***
- ***Sustainable growing services for people***
- ***Technological & Pedagogical environments for Collaboration and autonomous individual learning***
- ***Commitments, contributions and self-responsibility including money bearing***
- ***Concept for e-Learning2.0***