List of Abbreviations

ACO Ant Colony Optimization
AD Architectural Design
AI Artificial Intelligence
DE Domain Entity
DFD Data Flow Diagram
DM Domain Model
ERD Entity Relationship Diagram
FP Frequent Pattern
FR Functional Requirement
FSM Finite State Machine
ICS Implementation Conformance Statement
iLMS Intelligent Learning Management System
ITS Intelligent Tutoring System
LMS Learning Management System
LO Learning Object
LTSA Learning Technology System Architecture
NL Natural Language
OLAP Online Analytical Processing
RE Requirement Engineering
SE Software Engineering
SRS Software Requirement Specification
UML Unified Modeling Language
VDM-SL Vienna Development Method – Specification Language