

COMP 3311: Database Management Systems

Conference Submission Review Management System

Task 2 — Relation Schemas

The following relation schemas should be used for Task 2. The primary key of each relation schema is underlined and shown in red color. A foreign key is shown in italic font *and* also in blue color if not part of a primary key.

Author(*personId* smallint, *submissionNo* smallint)

AssignedTo(*pcCode* char(4), *submissionNo* smallint)

Discussion(*sequenceNo* smallint, *submissionNo* smallint, *pcCode* char(4), comments varchar2(200))

PCChair(*pcCode* char(4))

PCMember(*pcCode* char(4), *personId* smallint)

Person(*personId* smallint, title char(5), personName varchar2(50), institution varchar2(100), country varchar2(30), phoneNo varchar2(15), personEmail varchar2(50))

PreferenceFor(*pcCode* char(4), *submissionNo* smallint, preference smallint)

RefereeReport(*pcCode* char(4), *submissionNo* smallint, relevant char(1), technicallyCorrect char(1), lengthAndContent char(1), originality smallint, impact smallint, presentation smallint, technicalDepth smallint, overallRating smallint, confidence number(2,1), mainContribution varchar2(300), strongPoints varchar2(300), weakPoints varchar2(300), overallSummary varchar2(300), detailedComments varchar2(1000), confidentialComments varchar2(300))

Submission(*submissionNo* int, title varchar2(50), abstract varchar2(300), submissionType varchar2(20), decision varchar2(6), *contactAuthor* smallint)

Constraints

In addition to any constraints that either are described in the project problem description, are derivable from the example E-R schema for Task 1 or can be inferred from common sense and/or real-world knowledge, the Task 2 relation schemas also should constrain the values of the attributes listed below to only the indicated values.

title	Mr, Ms, Miss, Dr, Prof (the default value is null)
phoneNo	8 to 15 digits only
personEmail	unique
submissionType	research, demo, industrial (the default value is research)
decision	accept, reject (initially null)
preference	1, 2, 3, 4, 5

For the RefereeReport relation, the allowed values for many of the attributes are given in Appendix A of the project problem description.