Mathew Martinez, Adam Nash

November 21 2023

Database Management Systems

Project Stage 3 UPDATED

This table represents a Participant attending the Conference event

Participant(participantId CHAR (10) NOT NULL AUTO\_INCREMENT , email VARCHAR(40) , F\_Name VARCHAR (25) NOT NULL, L\_Name VARCHAR (25) NOT NULL, Affiliation VARCHAR (25) NOT NULL, Phone\_# CHAR (10) NOT NULL )

participantId is the primary key.

This table represents a workshop at the Conference event

Workshop(workshopId CHAR (10) NOT NULL AUTO\_INCREMENT, WS\_Name VARCHAR (50) NOT NULL , WS\_Date DATE NOT NULL, Start\_Time TIME NOT NULL, End\_Time TIME NOT NULL, WS\_Room VARCHAR(40) NOT NULL, part\_ID CHAR(10) NOT NULL)

● part\_ID is a foreign key that represents the primary key participantID.

This table represents the multiple topics a workshop may have

ws\_topic(ws\_Id CHAR(10) NOT NULL AUTO\_INCREMENT , ws\_topic VARCHAR(50) NOT NULL)

* ws\_Id is a foreign key referring to workshopId in Workshop

This table represents a committee that is working at the Conference Event.

Committee(committeeId CHAR(10) NOT NULL AUTO\_INCREMENT, committee\_name VARCHAR (40) NOT NULL, ws\_Id CHAR(10) NOT NULL )

● committeeID is the primary key

* ws\_Id is a foreign key referring to workshopId in Workshop

This table represents a paper submitted to the conference by a participant.

Papers(paperId CHAR (10) NOT NULL AUTO\_INCREMENT , Year CHAR (4) NOT NULL, Title VARCHAR (40) NOT NULL , part\_Id CHAR (10) NOT NULL, session\_Id CHAR (10) NOT NULL)

● part\_Id and session\_Id are two foreign keys that respectively refer to participantId and seshId.

This table represents who a paper is written by

writes(ppr\_Id CHAR(10) NOT NULL AUTO\_INCREMENT , part\_Id CHAR(10) NOT NULL)

* ppr\_Id is a foreign key representing paperId in Papers and part\_Id is a foreign key representing participantId in participant

This table represents who a paper is reviewed by

reviews(ppr\_Id CHAR(10) NOT NULL AUTO\_INCREMENT, part\_Id CHAR(10) NOT NULL,)

This table represents an Award that a participant may win for their paper if they have submitted

one.

Award(AwardId CHAR (10) NOT NULL AUTO\_INCREMENT , Award\_Title VARCHAR (30) NOT NULL , Paper\_Name VARCHAR (40) NOT NULL)

● AwardID is the primary key

This table represents the awards awarded to papers at the conference

awarded\_paper(aw\_Id CHAR(10) NOT NULL AUTO\_INCREMENT , ppr\_Id CHAR(10) NOT NULL)

* aw\_Id is a foreign key referring to AwardId in Award and ppr\_Id is a foreign key referring to PaperId in Papers

This table shows people who have registered for the conference

Registrant(registrantId CHAR (10) NOT NULL AUTO\_INCREMENT, date\_paid DATE NOT NULL, address VARCHAR (40) NOT NULL, reg\_amount VARCHAR (30) NOT NULL, reg\_type VARCHAR (30) NOT NULL, part\_Id CHAR (10) NOT NULL, grt\_Id CHAR(10) NOT NULL)

● part\_Id is a foreign key that refers to the primary key participantId and grt\_Id is a foreign key referring to grantId in Travel Grant

This table represents a Travel Grant that specific participants may be eligible for

Travel Grant(grantId CHAR (10) NOT NULL AUTO\_INCREMENT, Funder VARCHAR (40) NOT NULL , Eligible\_Applicant VARCHAR (40) NOT NULL, Grant\_Amount FLOAT NOT NULL, Expenses\_Covered FLOAT NOT NULL)

This table represents a sponsor of the conference.

Sponsor(sponsorId CHAR (10) NOT NULL AUTO\_INCREMENT, Min\_Donation FLOAT NOT NULL , Sponser\_Lvl CHAR (10) NOT NULL, companyName VARCHAR (30) NOT NULL , part\_Id CHAR (10) NOT NULL , session\_Id CHAR (10) NOT NULL)

● part\_Id and session\_Id are two foreign keys representing the primary keys participantId

and seshId.

This table represents the sessions held at the conference.

Session(seshId CHAR (10) NOT NULL AUTO\_INCREMENT , Sesh\_Type VARCHAR (20) NOT NULL , Sesh\_Date DATE NOT NULL ,Sesh\_room VARCHAR(30) NOT NULL, Start\_Time TIME NOT NULL, End\_Time TIME NOT NULL, spons\_Id CHAR (10) NOT NULL, wkspID CHAR (10) NOT NULL, reg\_Id CHAR(10) NOT NULL)

● spons\_Id, and wksp\_Id are two foreign keys that refer to the respective primary keys of sponsorId, and workshopId. reg\_Id is a foreign key referring to registrantId in Registrant(session chair of session)