Entity Relationship Diagram for Publication Management

Contribution

FK	publication_id	number
FK	author_id	string

Author

Key	author_email	string
PK	author_id	string
Key	first_name	string
Key	last_name	string

is written by

has

User

PK	email	email
Key	First Name	string
Key	Last Name	string
FK	Department	string

publicshes

Publication

PK	publication_id	number (auto generated)
FK	user_email	string
Key	title	string
Key	year	date
Key	publisher	string
Key	impact_factor	number
Key	city	string
Key	doi	string
Key	ranked	boolean
Key	rank	string

is a part of

department

PK	Department Name	string
Key	Faculty members	Type

Report

Key	Department	string
Key	Institute	string
Key	Report Type	string
Key	Pages	number
Key	ISSN	number

Proceeding

Key	Country/Region	string
Key	Editor	string
Key	Conference Publication Name	string
Key	Month	string
Key	Page Number	number range

Journal

Key	Editor	string
Key	Volume	number
Key	Journal Name	string
Key	Page Number	number range
Key	Month	date
Key	Day	date
Key	Issue	string
Key	ISSN	number

Article

Key	Editor	string
Key	Volume	number
Key	Periodical Title	string
Key	Month	date
Key	Day	date
Key	Pages	number
Key	Issue	string
Key	ISSN	number

Book

Key	Country/Region	string
Key	Editor	string
Key	Volume	number
Key	Edition	number
Key	ISBN	isbn

Chapter

Key	Page Number	number range
Key	Chapter No.	number
Key	Book Author	string