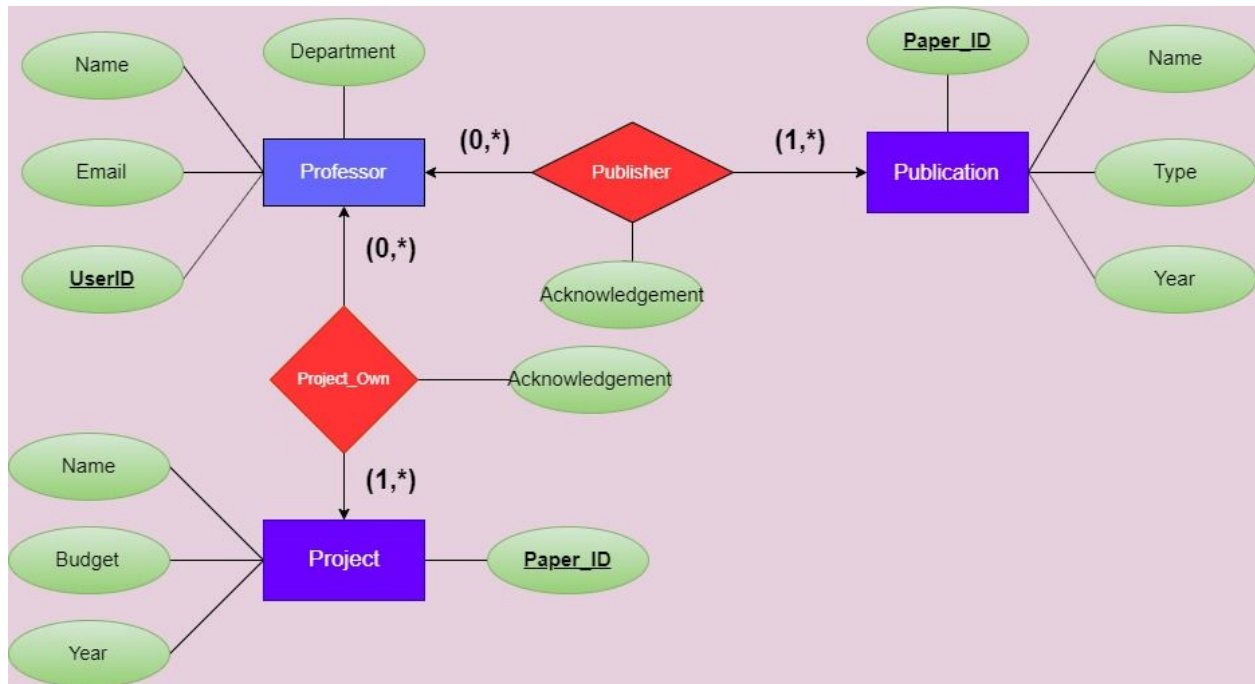# ER Diagram

- Professor and publication have many to many relations with each other.
  - A professor can have many publications and also a publication can have many professors as contributors.
- Similarly, professor and project will have many to many one relations with each other.
- A professor may have no publication or project.
- Publication or Project will always have at least a professor as a contributor.
- Publication can be of two types :
  - Paper
  - Journal
- Project will have an attribute different from publication which is budget.
- Acknowledgement is an attribute which is for checking authenticity of publications or projects contributor and can be used for removal or prevention of duplication.
  - Acknowledgement is 1 when a professor accepts that it is also his project which can be set by email confirmation link.
  - Thus an entry will be allowed only if acknowledgement signal is set to 1 by all the contributors.
- We will also use paper id for some verification while checking duplication.

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