

# Project requirement document

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## Service need

The Faculty of Computing and Informatics (FCI) is required to report on the academic staff publications. At the moment there is no DBMS to manage the collection of each publication documents. It is on this background that the Faculty would like to have DBMS that would require each staff to capture their publications on a timely basis. Detailed reports about the Faculty publications can be generated on the database system. Each staff should be able to capture all meta-information about their paper, for example, the title of the article, abstract, conference, etc. and upload the actual document if available.

## Project purpose & scope

We have been tasked with developing a DBMS to manage the publications created by the FCI. Our system would require each staff to capture their publications, along with all of its relevant information, on a timely basis.

## Technical challengers

-28 August 2019-

Entity Relationship Diagram

Logical Diagram

Physical Diagram

-30 September 2019-

Prototype

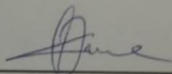
Testing

User Manual

Maintenance Plan

## List of requirements

- There are author's who have a title, name and an affiliation.
- Authors can publish journal, book or a compilation of presentation of proceedings.
- A publication, based on its type, has the relevant bibliography fields. Such as edition for a book, date of publication and volume for a journal etc.
- The system enables an author to add an abstract of the publication.
- In addition, an article of the publication can be uploaded too and later downloaded also.
- A publication can have many authors and authors can have many publications too.

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Dr. Osakwe